

Section No.	Section Title	Issue Date	Section Description
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DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

000101	Project Title Page	03/17	Project Manual title page.
000107	Seals Page	02/12	For seals of design professionals on Project Manual.
000115	List of Drawing Sheets	08/10	List of Drawings.
000120	List of Schedules	08/10	For a list of separately bound schedules.
001113	Advertisement for Bids	08/10	For use on public projects.
001115	Advertisement for Prequalification of Bidders	08/10	For use on public projects.
001116	Invitation to Bid	08/10	For use on private projects.
001153	Request for Qualifications	02/12	For use on public projects.
002113	Instructions to Bidders	08/10	Incorporates AIA A701 by reference.
002213	Supplementary Instructions to Bidders	08/10	For use with AIA A701.
002513	Prebid Meetings	08/10	Sets date, time, place, and terms for prebid meetings.
002600	Procurement Substitution Procedures	08/10	Substitution procedures during bidding.
003113	Preliminary Schedules	09/16	Preliminary schedules.
003119	Existing Condition Information	08/10	References documents for survey and as-built information.
003126	Existing Hazardous Material Information	08/10	References documents for existing hazardous materials.
003132	Geotechnical Data	06/17	References documents for geotechnical data.
003143	Permit Application	08/10	Indicates responsibility for building permit application.
U 004113	Bid Form - Stipulated Sum (Single-Prime Contract)	12/17	Fixed price, single prime.
U 004116	Bid Form - Stipulated Sum (Multiple-Prime Contract)	12/17	Fixed price, multiple prime.
U 004123	Bid Form - Construction Management (Single-Prime Contract)	12/17	Fixed price, construction management, single prime.
U 004126	Bid Form - Construction Management (Multiple-Prime Contract)	12/17	Fixed price, construction management, multiple prime.
U 004133	Bid Form - Cost-Plus-Fee (Single-Prime Contract)	12/17	Cost plus, with or without guaranteed maximum.
U 004313	Bid Security Forms	12/17	References AIA A310.
U 004321	Allowance Form	12/17	Attachment for Bid Form.
U 004322	Unit Prices Form	12/17	Attachment for Bid Form.
U 004323	Alternates Form	12/17	Attachment for Bid Form.
U 004373	Proposed Schedule of Values Form	12/17	Attachment for Bid Form.
004393	Bid Submittal Checklist	02/12	Attachment for Bid Form.
005100	Notice of Award	02/12	For notifying successful bidder.
U 006000	Project Forms	12/17	References Agreement, General Conditions, and administrative forms.
009113	Addenda	02/12	For notifying bidders of changes.

DIVISION 01 - GENERAL REQUIREMENTS

010000	General Requirements	09/15	Evaluations: Role of Division 1 Sections, their preparation and coordination.
011000	Summary	09/15	Summary of the Work, phased construction, purchase contracts, Owner-furnished products, access to site, and work restrictions.
011200	Multiple Contract Summary	09/15	Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.
012100	Allowances	09/15	Provisions for cash allowances including lump-sum, unit cost, contingency, and testing and inspecting allowances.

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012200	Unit Prices	09/15	Provisions for unit prices.
012300	Alternates	09/15	Provisions for change-of-scope and cost-comparison type alternates.
012500	Substitution Procedures	09/15	Procedural requirements for requests for substitutions during construction.
012600	Contract Modification Procedures	09/15	Procedural requirements for changes to the Contract.
012900	Payment Procedures	09/15	Administrative requirements for Contractor's Applications for Payment.
013100	Project Management and Coordination	09/15	Administrative requirements for project meetings; preconstruction, preinstallation, and project closeout conferences; RFIs; and project Web sites.
013200	Construction Progress Documentation	09/15	Contractor's Construction Schedule including Gantt charts and CPM schedules; and web-based project software.
013233	Photographic Documentation	09/15	Construction photographs, video recordings, and web-based photographic documentation.
013300	Submittal Procedures	09/15	Procedures for Action and Informational Submittals including Delegated-Design Submittals and Submittals Schedule.
013516	Alteration Project Procedures	06/13	General protection and work procedures for remodeling, renovation, repair, and maintenance work.
014000	Quality Requirements	09/15	Quality-assurance and -control requirements, special tests and inspections, and Contractor's quality-control plan.
014200	References	03/17	Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MasterSpec.
015000	Temporary Facilities and Controls	09/17	Temporary utilities and facilities for construction support, security, and protection.
016000	Product Requirements	09/15	Administrative and procedural requirements for product, material, and equipment selection and handling; warranties; and comparable products.
017300	Execution	09/15	General requirements for product installation, cutting and patching, protection, field engineering, and progress cleaning.
017419	Construction Waste Management and Disposal	09/16	Salvaging, recycling, and disposing of non-hazardous demolition and construction waste.
017700	Closeout Procedures	03/17	Contract closeout including Substantial Completion and Final Completion procedures, warranties, and final cleaning.
017823	Operation and Maintenance Data	09/15	Emergency, operation, and maintenance manuals for products and equipment.
017839	Project Record Documents	09/15	Record record Drawings, Specifications, and Product Data.
017900	Demonstration and Training	09/15	Administrative and procedural requirements for instructing Owner's personnel in operation and maintenance.
018113.13	Sustainable Design Requirements - LEED 2009 for New Construction and Major Renovations	03/17	General requirements and procedures for LEED 2009 for New Construction and Major Renovations.
018113.14	Sustainable Design Requirements - LEED v4 BD+C	03/17	General requirements and procedures for LEED v4 BD+C.
018113.16	Sustainable Design Requirements - LEED 2009 for Commercial Interiors	03/17	General requirements and procedures for LEED 2009 for Commercial Interiors.
018113.17	Sustainable Design Requirements - LEED v4 ID+C	03/17	General requirements and procedures for LEED v4 ID+C.
018113.19	Sustainable Design Requirements - LEED 2009 for Core and Shell Development	03/17	General requirements and procedures for LEED 2009 for Core and Shell Development.
018113.23	Sustainable Design Requirements - LEED 2009 for Schools	03/17	General requirements and procedures for LEED 2009 for Schools.

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Section No.	Section Title	Issue Date	Section Description
018113.33	Sustainable Design Requirements - IgCC	06/14	General requirements and procedures for IgCC.
018113.43	Sustainable Design Requirements - ASHRAE 189.1	06/14	General requirements and procedures for ASHRAE 189.1.
018113.53	Sustainable Design Requirements - Green Globes	06/14	General requirements and procedures for Green Globes.

DIVISION 02 - EXISTING CONDITIONS

024116	Structure Demolition	12/13	Demolition of existing buildings, structures, and associated site improvements.
024119	Selective Demolition	06/14	Demolition of selected portions of existing buildings, structures, and associated site improvements.

DIVISION 03 - CONCRETE

033000	Cast-In-Place Concrete	06/17	General building and structural applications; concrete mixtures, formwork, reinforcing, finishing, and curing.
U 033053	Miscellaneous Cast-In-Place Concrete	12/17	Cast-in-place concrete for limited applications.

DIVISION 05 - METALS

U 055000	Metal Fabrications	12/17	Metal items (not sheet metal) made from iron and steel shapes, stainless steel, and non-ferrous metals.
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DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

061000	Rough Carpentry	12/16	Wood framing, furring, frounds, nailers, and blocking.
061053	Miscellaneous Rough Carpentry	03/17	Minor wood framing, furring, grounds, nailers, and blocking.

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

076200	Sheet Metal Flashing and Trim	09/14	Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets.
U 077200	Roof Accessories	12/17	Roof curbs, equipment supports, roof hatches, heat and smoke vents, gravity ventilators, pipe supports, roof walkways, and preformed flashing sleeves.
078413	Penetration Firestopping	06/14	Systems installed in fire-resistance-rated walls, horizontal assemblies, and smoke barriers.

DIVISION 08 - OPENINGS

U 083113	Access Doors and Frames	12/17	Wall and ceiling units.
083113.53	Security Access Doors and Frames	03/14	Medium-, high-, and maximum-security units for walls and ceilings.

DIVISION 09 - FINISHES

099113	Exterior Painting	06/17	Exterior painting.
099123	Interior Painting	03/17	Interior painting.
099600	High-Performance Coatings	09/14	Tile-like coatings for use on exterior and interior substrates.

DIVISION 10 - SPECIALTIES

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Section No.	Section Title	Issue Date	Section Description
102819	Tub and Shower Enclosures	12/16	Framed and frameless shower doors and enclosures.
105143	Wire Mesh Storage Lockers	06/14	Woven wire mesh storage cubicles.

DIVISION 11 - EQUIPMENT

110513	Common Motor Requirements for Equipment	09/16	Universal default values for small and medium, ac motors.
111313	Loading Dock Bumpers	09/17	Laminated-tread, molded- and extruded-rubber, and steel-face dock bumpers.
111316	Loading Dock Seals and Shelters	09/17	Foam-pad and inflatable dock seals, rigid- and flexible-frame dock shelters, inflatable dock shelters, and transparent curtains.
111323	Portable Dock Equipment	09/17	Built-in, scissors-type, single-leg, hydraulic dock lifts.
115313	Laboratory Fume Hoods	03/17	Hoods and hood stands, including work tops.

DIVISION 13 - SPECIAL CONSTRUCTION

134713	Cathodic Protection	09/16	Passive corrosion protection for steel and iron pipes and tanks.
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DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)

U 233119.13	Shop-Fabricated HVAC Casings	12/17	Shop-fabricated, single- and double-wall casings used as equipment enclosures and plenums.
U 233119.16	Manufactured HVAC Casings	12/17	Factory-fabricated, double-wall casings used as equipment enclosures and plenums.

DIVISION 26 - ELECTRICAL

260513	Medium-Voltage Cables	03/16	Cables, splices, terminations, connectors, and fault indicators for 2001 to 35,000 V.
U 260519	Low-Voltage Electrical Power Conductors and Cables	12/17	Building wires, cables, connectors, splices, and terminations rated 2000 V and less.
260523	Control-Voltage Electrical Power Cables	06/16	Optical-fiber, twisted pair, low-voltage control cabling; and control-circuit conductors.
260526	Grounding and Bonding for Electrical Systems	03/16	Methods and materials for grounding systems and equipment.
U 260529	Hangers and Supports for Electrical Systems	12/17	Hangers, supports, and concrete bases.
260533	Raceways and Boxes for Electrical Systems	09/16	Conduit; pull, junction, and outlet boxes; and electrical cabinets.
260536	Cable Trays for Electrical Systems	12/16	Ladder, trough, and single-rail types; steel, aluminum, stainless steel, and fiberglass.
260539	Underfloor Raceways for Electrical Systems	12/15	Ducts, boxes, fittings, and accessories.
260543	Underground Ducts and Raceways for Electrical Systems	06/16	Manholes, handholes, and underground ducts.
260544	Sleeves and Sleeve Seals for Electrical Raceways and Cabling	09/14	Sleeves and seals for penetrations through floors and walls.
260548.16	Seismic Controls for Electrical Systems	06/16	Seismic criteria and seismic restraints and supports.
260553	Identification for Electrical Systems	09/16	Labels, markers, tags, ties, tape, bands, and signs.
260573.13	Short-Circuit Studies	03/17	Fault-current and protective device short-circuit studies.
260573.16	Coordination Studies	03/17	Fault-current and protective device coordination studies.
260573.19	Arc-Flash Hazard Analysis	03/17	Fault-current and protective device arc-flash studies.
260913	Electrical Power Monitoring and Control	12/16	Remote and local monitoring, metering, and control of individual circuits.

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Section No.	Section Title	Issue Date	Section Description
260923	Lighting Control Devices	03/17	Time switches, photoelectric relays, occupancy sensors, and multipole lighting controls.
260933	Central Dimming Controls	12/15	Control network and stations, dimmer cabinets, and dimmers.
260936	Modular Dimming Controls	12/14	Wall-box multiscene and multipreset modular dimming controls.
260943.16	Addressable-Luminaire Lighting Controls	12/16	Controls based on digital addressable lighting interface (DALI) technology.
260943.23	Relay-Based Lighting Controls	09/16	Panels using relays for switching; panels networked BAS.
261116.11	Secondary Unit Substations with Switchgear Secondary	09/16	Indoor and outdoor units, with metal-clad and metal-enclosed switchgear primary, m-v transformers, metal-clad switchgear secondary sections.
261116.12	Secondary Unit Substations with Switchboards Secondary	09/16	Indoor and outdoor units; with metal-enclosed switchgear m-v transformers, metal-enclosed switchboard secondary.
261116.13	Secondary Unit Substations with Motor Control Center Secondary	09/16	Indoor and outdoor units; with m-v transformers, and motor-control center secondary.
261213	Liquid-Filled, Medium-Voltage Transformers	03/15	MV, substation transformers, with primary and secondary bushings within or without air-terminal enclosures.
261216	Dry-Type, Medium-Voltage Transformers	06/13	MV transformers with primary and secondary bushings within or without air-terminal enclosures.
261219	Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers	06/13	Liquid-filled, MV transformers, with primary and secondary bushings within or without air-terminal enclosures.
261323	Medium-Voltage, Metal-Enclosed Switchgear	09/16	Indoor and outdoor, MV, metal-enclosed switchgear rated more than 1000 V through 38,000 V.
261326	Medium-Voltage, Metal-Clad Switchgear	09/16	Indoor and outdoor, MV, metal-clad switchgear rated more than 1000 V through 38,000 V.
261329	Medium-Voltage, Pad-Mounted Switchgear	09/16	Indoor and outdoor, dead front, remotely controlled insulated vacuum load and fault interrupting switchgear rated to 25,000 V.
262213	Low-Voltage Distribution Transformers	03/16	Single- and three-phase distribution dry-type rated 600 V or less and up to 1500 Kva.
262216	Low-Voltage Buck-Boost Transformers	03/16	Buck-boost dry-type transformers.
262300	Low-Voltage Switchgear	09/16	Metal-enclosed, circuit-breaker type; 1000V and less.
262313	Paralleling Low-Voltage Switchgear	09/16	Low-voltage type, 1000V and less; medium-voltage type, 5 to 15 kV; for multiple generator operation.
262413	Switchboards	09/16	Service and distribution switchboards, 600 V and less.
262416	Panelboards	09/16	Distribution, branch circuit, and surge-suppression panel boards and load centers.
262416.16	Electronically Operated Circuit-Breaker Panelboards	12/15	Manual and programmable panelboards with electronically operated circuit breakers using low-voltage or digital control circuits to control equipment.
262419	Motor-Control Centers	09/16	Full-reduced-voltage; for constant-, variable-, and multiple-speed motors; 600 V.
262500	Enclosed Bus Assemblies	09/14	Plug in & feeder (600 V or less).
262713	Electricity Metering	09/16	Energy and demand metering by utility and Owner.
262726	Wiring Devices	12/16	Switches, receptacles, lighting-control devices, and plates.
262733	Power Distribution Units	09/16	Voltage regulators, static electronic voltage regulators, and power distribution units.
262743	Electric-Vehicle Service Equipment - AC Level 1 and Level 2	09/16	Charging equipment for AC Level 1 and 2.

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Section No.	Section Title	Issue Date	Section Description
262746	Electric Vehicle Service Equipment - DC Level 1 and Level 2	09/16	Charging equipment for DC Level 1 and 2.
262813	Fuses	09/16	Cartridge type (600 V and less); plug type (125 V and less); fuse adapters; spare-fuse cabinet.
262816	Enclosed Switches and Circuit Breakers	09/16	Fusible, nonfusible, receptacle, shunt trip, and molded-case switches; molded-case circuit breakers; enclosures.
262913.03	Manual and Magnetic Motor Controllers	09/16	Manual, reduced- and full-voltage start magnetic motor controllers.
262913.06	Soft-Start Motor Controllers	09/16	Reduced-voltage start motor controllers.
262923	Variable-Frequency Motor Controllers	09/16	Solid-state, pulse-width modulated, constant- and variable-torque; VFCs; rated 600 V and less.
262933	Controllers for Fire-Pump Drivers	12/16	Full- and limited-service, electric-driver controllers; and diesel-driver controllers.
263100	Photovoltaic Collectors	09/15	Photovoltaic laminates, modules, charge controllers, inverters, and mounting structures.
263213.13	Diesel Emergency Engine Generators	09/15	Diesel-driven emergency and standby generators.
263213.14	Diesel Engine Generators	09/15	Diesel-driven non-emergency (prime and industrial) generators.
263213.16	Gaseous Emergency Engine Generators	09/15	Natural gas and liquified petroleum (LP)-driven emergency and standby generators.
263213.17	Gaseous Engine Generators	09/15	Natural gas and liquified petroleum (LP)-driven non-emergency (prime and industrial) engine generators.
263213.19	Bi-Fuel Emergency Engine Generators	09/15	Diesel start, natural gas powered emergency and standby generators.
263213.20	Bi-Fuel Engine Generators	09/15	Diesel start, natural gas powered prime and industrial engine generators.
263223.13	Horizontal-Axis Wind Turbines	03/17	Horizontal-axis, small-scale wind turbines.
263223.16	Vertical-Axis Wind Turbines	03/17	Vertical-axis, small-scale wind turbines.
263323.11	Central Battery Equipment for Emergency Lighting	09/16	Central battery equipment for standby power to emergency lighting circuits.
263353	Static Uninterruptible Power Supply	12/16	3-phase, on-line, double conversion units rated 5 to 750 kVA for systems (600 V and less).
263533	Power Factor Correction Equipment	09/16	Capacitors and automatic power-factor correction units for 600 V and less.
263600	Transfer Switches	06/16	Automatic, nonautomatic, and bypass/isolation.
264113	Lightning Protection for Structures	12/16	Protection for buildings and site components.
264313	Surge Protection for Low-Voltage Electrical Power Circuits	06/11	Field-mounted surge protective devices (SPDs) 1000 -V and less.
265113	Incandescent Interior Lighting	03/16	Interior incandescent luminaires and lamps.
265116	Fluorescent Interior Lighting	06/15	Interior fluorescent cove, down, flood, wall, linear and track lighting.
265119	Led Interior Lighting	12/16	Interior chandelier, cove, down, flood, highbay/lowbay/industrial, wall mount, linear, step and track LED lighting systems.
265123	Hid Interior Lighting	03/16	Interior highbay, lowbay and industrial HID fixtures.
265213	Emergency and Exit Lighting	09/16	Emergency lighting, except for combination LED sign/halogen fixtures.
265561	Theatrical Lighting	12/16	Dimmer racks; control console and devices; distribution components; lighting fixtures.
265613	Lighting Poles and Standards	03/16	Standards and lowering devices for suspension of lighting fixtures and other accessories.
265617	Fluorescent Exterior Lighting	03/16	Exterior fluorescent luminaires, including bollards, boarder, canopy, and decorative post top lighting.
265619	Led Exterior Lighting	03/16	Exterior LED luminaires, including bollards, boarder, canopy, and decorative post top lighting.

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Section No.	Section Title	Issue Date	Section Description
265621	Hid Exterior Lighting	03/16	Exterior HID luminaires, including area and site, bollards, boarder, canopy, decorative post top, and roadway lighting.
265668	Exterior Athletic Lighting	12/16	Outdoor lighting for sports fields.

DIVISION 27 - COMMUNICATIONS

270526	Grounding and Bonding for Communications Systems	06/16	Grounding for communications systems and equipment; for reliable signal reference.
270528	Pathways for Communications Systems	09/16	Conduits, wireways, surface pathways, boxes and enclosures, and handholes and boxes.
U 270529	Hangers and Supports for Communications Systems	12/17	Hangers, supports, and concrete bases.
270536	Cable Trays for Communications Systems	06/16	Ladder, trough wire basket, and single-rail type; steel, aluminum, stainless steel, and fiberglass.
270543	Underground Pathways and Structures for Communication Systems	06/15	Ducts, pathways, handholes, manholes, and accessories for OSP and CO-OSP.
270544	Sleeves and Sleeve Seals for Communications Pathways and Cabling	09/14	Sleeves and seals for penetrations through floors and walls.
270548.16	Seismic Controls for Communications Systems	06/16	Seismic criteria and seismic restraints and supports.
270553	Identification for Communications Systems	06/16	Labels, markers, tags, ties, tape, bands, and signs.
271100	Communications Equipment Room Fittings	06/16	Telecommunications backboards, boxes, and enclosures
271116	Communications Racks, Frames, and Enclosures	06/16	19- and 23-inch wide and OpenRack compliant IT racks.
271313	Communications Copper Backbone Cabling	09/16	Copper backbone cables, connecting hardware, and cable identification systems.
271323	Communications Optical Fiber Backbone Cabling	12/16	Optical fiber backbone cables, connecting hardware, and cable identification systems.
271333	Communications Coaxial Backbone Cabling	12/16	Coaxial backbone communications cabling and fittings.
271513	Communications Copper Horizontal Cabling	09/16	Copper horizontal cables, connecting hardware, and cable identification systems.
271523	Communications Optical Fiber Horizontal Cabling	12/16	Optical fiber horizontal cables, connecting hardware, and cable identification systems.
271533	Communications Coaxial Horizontal Cabling	12/16	Coaxial horizontal communications cabling and fittings.
271611	Communications Hybrid Cabling	12/16	Combined copper and fiber optic cabling.

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

281500	Access Control Hardware Devices	09/16	Push buttons, card readers, and other security hardware.
282000	Video Surveillance	09/16	Cameras, data transmission wiring, monitors, and control equipment.
283100	Intrusion Detection	09/16	Detection devices, controls, and alarms.
283121	Area and Perimeter Intrusion Detection	09/16	Detection devices, controls, and alarms on the site perimeter.
284400	Refrigerant Detection and Alarm	09/16	Monitors, alarms, breathing apparatus, and ventilation equipment interlocks.
284621.11	Addressable Fire-Alarm Systems	03/17	Systems with addressable initiating devices and conventional or addressable notification appliances.
284621.13	Conventional Fire-Alarm Systems	09/16	Small systems for buildings relying on zoned fire-alarm concept.
284700	Mass Notification Systems	09/16	Mass notification systems for single buildings, multiple buildings on a small campus, arenas, athletic or entertainment fields, or other local-area facilities.
285211	Detention Monitoring and Control Systems	09/16	Monitoring and control of doors, gates, and related items for detention facilities.

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Section No.	Section Title	Issue Date	Section Description
DIVISION 31 - EARTHWORK			
311000	Site Clearing	02/13	Clearing, grubbing, vegetation protection, stripping and stockpiling topsoil and rock, and disconnecting utilities.
312000	Earth Moving	09/17	Excavating, filling and backfilling, compacting, and grading.
DIVISION 32 - EXTERIOR IMPROVEMENTS			
321216	Asphalt Paving	06/16	Paving, overlays, surface treatments, asphalt curbs, asphalt traffic-calming devices, cold milling, and hot-mix patching.
321223	Imprinted Asphalt	06/16	Embossing patterns in new or existing asphalt pavement.
321313	Concrete Paving	03/15	Concrete curbs and gutters, walks, driveways, parking lots, and miscellaneous paving.
321713	Parking Bumpers	06/16	Wheel stops applied to asphalt or concrete pavement.
321716	Manufactured Traffic-Calming Devices	06/16	Preformed rubber or plastic traffic-calming devices applied to asphalt or concrete pavement.
321723	Pavement Markings	06/16	Painted markings applied to asphalt or concrete pavement.
323113	Chain Link Fences and Gates	12/16	Standard chain-link fencing systems with swing or horizontal-slide gates and gate operators.
DIVISION 33 - UTILITIES			
331113	Potable Water Supply Wells	09/16	Drilled and driven wells and well pumps.
337149.13	Overhead Medium-Voltage Wiring	12/16	Medium and secondary voltage (up to 35 kV).
337753	Medium-Voltage Utility Reclosers	09/16	Overhead, automatic circuit reclosers.

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