

MASTERSPEC®

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MECHANICAL/ELECTRICAL LIBRARY
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VOLUME 1

DIVISION 2 - SITE CONSTRUCTION

12/01	02085	INTERCEPTORS	Grease, oil, and sediment interceptors for sewerage systems outside the building.
3/04	02525	WATER SUPPLY WELLS	Drilled and driven wells and well pumps.
3/04	02532	PACKAGED SEWAGE PUMPING STATIONS	Pump, compressor, tank, and controls.
12/02	02540	SEPTIC TANK SYSTEMS	Tank, distribution box, and drainage pipe.
3/02	02551	HYDRONIC DISTRIBUTION	Underground piping outside the building.
3/02	02555	STEAM DISTRIBUTION	Underground piping outside the building.
12/03	02584	UNDERGROUND DUCTS AND UTILITY STRUCTURES	Manholes, handholes, and underground ducts.

DIVISION 9 - FINISHES

R	11/03	09975	HIGH-TEMPERATURE-RESISTANT COATINGS	Coatings for use on steel substrates subject to high temperatures.
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DIVISION 13 - SPECIAL CONSTRUCTION

12/02	13110	CATHODIC PROTECTION	Passive protection for steel and iron pipes and tanks.	
6/04	13210	ELEVATED WATER-STORAGE TANKS	Above-ground water storage.	
6/04	13220	SURFACE WATER-STORAGE TANKS	Surface-mounted water storage.	
3/03	13710	PERIMETER SECURITY	Detection devices, controls, and alarms on the site perimeter.	
3/03	13720	INTRUSION DETECTION	Detection devices, controls, and alarms.	
9/02	13730	SECURITY ACCESS	Computer controlled, with interface to other facility management systems.	
3/02	13760	VIDEO SURVEILLANCE	Cameras, monitors, and control equipment.	
9/04	13832	PLC ELECTRONIC DETENTION MONITORING AND CONTROL SYSTEMS	Monitoring and control of doors, gates, and related items for detention facilities.	
R	9/03	13845	LIGHTING CONTROLS	Wired, programmable and manual lighting controls.
9/02	13955	FOAM FIRE EXTINGUISHING	Fixed, low-expansion, AFFF systems for flammable-liquid fires.	
R	9/02	13967	CLEAN-AGENT EXTINGUISHING SYSTEMS	Substitute for Halon 1301 systems.

DIVISION 15 - MECHANICAL

12/04	15214	COMPRESSED-AIR PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	Piping for nonmedical laboratory air, medical air, dental air, instrument air, and medical laboratory air.	
R	12/04	15215	VACUUM PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	Piping for laboratory vacuum, medical surgical vacuum, waste anesthetic gas, dental vacuum, oral evacuation, and healthcare laboratory vacuum.
12/04	15216	GAS PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	Piping for CO ₂ , helium, NO ₂ , and O ₂ .	

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VOLUME 2

R	3/02	15222	PROCESSED-WATER PIPING	Pipe, fittings, and specialties for deionized, distilled, and reverse osmosis water.
R	6/05	15223	CHEMICAL-WASTE SYSTEMS FOR LABORATORY AND HEALTHCARE FACILITIES	Single- and double-wall piping and specialties, neutralization tanks, and leak detection.
	3/05	15253	COMPRESSED-AIR EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES	Compressors, filters, and dryers.
	3/05	15254	VACUUM EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES	Vacuum pumps and oral evacuation equipment.
R	12/03	15413	SECURITY PLUMBING FIXTURES	Detention facility plumbing fixtures.
	9/01	15444	PACKAGED BOOSTER PUMPS	Water-pressure boosters.
	12/02	15487	HEAT EXCHANGERS	Steam and hot-water heat exchangers; instantaneous and storage types.
	6/04	15525	DEAERATORS	Spray, packed column, and package tray.
R	12/03	15752	HUMIDIFIERS	Steam and evaporative types.
R	12/00	15755	DEHUMIDIFICATION UNITS	Heat wheels, heat pipes, and dessicant-type dehumidification equipment.
U	6/06	15785	AIR-TO-AIR ENERGY RECOVERY EQUIPMENT	Heat exchangers and packaged units.
	9/01	15890	AIR DUCT CLEANING	Cleaning ducts, plenums, and air outlets and inlets.

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VOLUME 3

DIVISION 16 - ELECTRICAL

6/04	16055	OVERCURRENT PROTECTIVE DEVICE COORDINATION	Fault-current and protective device coordination studies.
6/03	16124	MEDIUM-VOLTAGE CABLES	Cable, splices, and terminations.
12/04	16138	UNDERFLOOR RACEWAYS FOR ELECTRICAL SYSTEMS	Ducts, boxes, fittings, and accessories.
6/04	16265	CENTRAL BATTERY INVERTERS	AC & DC output types.
6/03	16271	MEDIUM-VOLTAGE TRANSFORMERS	Transformers (2.4 to 35 kV).
9/02	16280	POWER FACTOR CORRECTION CAPACITORS	Capacitors for 600 V and less.
12/02	16315	OVERHEAD ELECTRICAL DISTRIBUTION	Medium and secondary voltage (up to 35 kV).
12/02	16341	MEDIUM-VOLTAGE SWITCHGEAR	Metal-enclosed interrupter and metal-clad CB type switchgear (up to 34 kV class).
6/03	16361	SECONDARY UNIT SUBSTATIONS	Indoor and outdoor units; with liquid-filled or dry-type transformers.
3/03	16430	SWITCHGEAR	Metal-enclosed, circuit-breaker type; 1000V and less.
3/03	16435	PARALLELING SWITCHGEAR	Low-voltage type, 1000V and less; medium-voltage type, 5 to 15 kV; for multiple generator operation.
9/04	16470	POWER DISTRIBUTION UNITS	Voltage regulators, static electronic voltage regulators, and power distribution units.
6/03	16526	SPORTS LIGHTING	Outdoor lighting for sports fields.
3/06	16555	STAGE LIGHTING	Dimmer racks; control console and devices; distribution components; lighting fixtures.
12/04	16571	CENTRAL DIMMING CONTROLS	Control network and stations, dimmer cabinets, and dimmers.
12/04	16572	MODULAR DIMMING CONTROLS	Manual modular and integrated, multipreset modular dimming controls.
6/02	16725	NURSE CALL	Basic visual and audiovisual patient-nurse communication equipment.

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