

SECTION 5: APPENDICES

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UMB MASTER SPECIFICATIONS

Latest Update 7-13-11, See underlined text

DIVISION 1: GENERAL CONDITIONS
SECTION TITLE

01010	SUMMARY OF WORK
01020	ALLOWANCES
01026	UNIT PRICES
01027	APPLICATIONS FOR PAYMENT
01030	ALTERNATES
01035	MODIFICATION PROCEDURES
01040	COORDINATION
01045	CUTTING AND PATCHING
01095	REFERENCE STANDARDS & DEFINITIONS
01200	PROJECT MEETINGS
01300	SUBMITTALS
01311	SCHEDULES & REPORTS
01380	CONSTRUCTION PHOTOGRAPHS
01400	QUALITY CONTROL
01500	CONSTRUCTION FAC & TEMP CONTROLS
01600	MATERIALS & EQUIPMENT, DELIVERY, STORAGE & HANDLING
01631	SUBSTITUTIONS
01700	CONTRACT CLOSEOUT

DIVISION 2: SITE WORK
SECTION TITLE

02115	REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANKS
02554	EXTERIOR FUEL-OIL DISTRIBUTION

ARCHITECTURAL – NO DEVELOPMENT AT THIS TIME

DIVISION 15: MECHANICAL
SECTION TITLE

15010	BASIC MECHANICAL REQUIREMENTS
15100	PIPES, VALVES, FITTINGS, AND SPECIALTIES
15145	HANGERS, SUPPORTS AND VIBRATION CONTROL
15170	MOTORS
15190	MECHANICAL IDENTIFICATION
15250	MECHANICAL INSULATION
15400	FIRE PROTECTION
15440	PLUMBING FIXTURES <u>AND EQUIPMENT</u>
15450	PUMPS
15480	COMPRESSED AIR SYSTEMS AND VACUUM PUMPS
15483	FUEL OIL SYSTEMS WITHIN BUILDINGS
15485	WATER DEIONIZING EQUIPMENT
15545	PIPING SYSTEMS CLEANING AND TREATMENT
15555	CLEAN STEAM GENERATOR
15600	HEATING VENTILATING & AIR CONDITIONING
15670	CONDENSERS AND CONDENSING UNITS
15680	CHILLERS
15711	FACTORY-FABRICATED COOLING TOWERS

15730	UNITARY HVAC EQUIPMENT
15755	HEAT EXCHANGERS
15781	PACKAGED HEATING AND COOLING UNITS
15782	ROOFTOP HEATING AND COOLING UNITS
15786	WATER SOURCE HEAT PUMPS
15790	HEATING AND COOLING AIR COILS
15854	CENTRAL-STATION AIR-HANDLING UNITS
15855	HVAC CASINGS AND CUSTOM AIR HANDLING UNITS
15860	HVAC FANS
15886	AIR FILTERS
15890	AIR DISTRIBUTION SYSTEMS
15970	<u>BUILDING AUTOMATION SYSTEM – NEW PROJECTS</u>
<u>15970</u>	<u>BUILDING AUTOMATION SYSTEM – RENOVATION PROJECTS</u>
15980	LEAK TESTING, PIPE AND DUCT SYSTEMS
15990	TESTING, ADJUSTING, AND BALANCING
15995	COMMISSIONING

DIVISION 26: ELECTRICAL
SECTION TITLE

<u>260513</u>	<u>MEDIUM-VOLTAGE CABLES</u>
<u>260519</u>	<u>LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES</u>
<u>260523</u>	<u>CONTROL-VOLTAGE ELECTRICAL POWER CABLES</u>
<u>260526</u>	<u>GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS</u>
<u>260529</u>	<u>HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS</u>
<u>260533</u>	<u>RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS</u>
<u>260536</u>	<u>CABLE TRAYS FOR ELECTRICAL SYSTEMS</u>
<u>260543</u>	<u>UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS</u>
<u>260544</u>	<u>SLEEVES AND SLEEVE SEALS FOR ELECTRICAL RACEWAYS AND CABLING</u>
<u>260553</u>	<u>IDENTIFICATION FOR ELECTRICAL SYSTEMS</u>
<u>260573</u>	<u>OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY</u>
<u>260913</u>	<u>ELECTRICAL POWER MONITORING AND CONTROL</u>
<u>260923</u>	<u>LIGHTING CONTROL DEVICES</u>
<u>261116</u>	<u>SECONDARY UNIT SUBSTATIONS</u>
<u>261200</u>	<u>MEDIUM-VOLTAGE TRANSFORMERS</u>
<u>261300</u>	<u>MEDIUM-VOLTAGE SWITCHGEAR</u>
<u>262200</u>	<u>LOW-VOLTAGE TRANSFORMERS</u>
<u>262300</u>	<u>LOW-VOLTAGE SWITCHGEAR</u>
<u>262313</u>	<u>PARALLELING LOW-VOLTAGE SWITCHGEAR</u>
<u>262413</u>	<u>SWITCHBOARDS</u>
<u>262416</u>	<u>PANELBOARDS</u>
<u>262500</u>	<u>ENCLOSED BUS ASSEMBLIES</u>
<u>262726</u>	<u>WIRING DEVICES</u>
<u>262813</u>	<u>FUSES</u>
<u>262816</u>	<u>ENCLOSED SWITCHES AND CIRCUIT BREAKERS</u>
<u>262913</u>	<u>ENCLOSED CONTROLLERS</u>
<u>262923</u>	<u>VARIABLE-FREQUENCY DRIVES</u>
<u>263213</u>	<u>ENGINE GENERATORS</u>
<u>263600</u>	<u>TRANSFER SWITCHES</u>
<u>264313</u>	<u>TRANSIENT-VOLTAGE SUPPRESSION FOR LOW-VOLTAGE ELECTRICAL POWER CIRCUITS</u>
<u>265100</u>	<u>INTERIOR LIGHTING</u>
<u>265600</u>	<u>EXTERIOR LIGHTING</u>

DIVISION 27:**COMMUNICATIONS****SECTION****TITLE**

<u>270544</u>	<u>SLEEVES AND SLEEVE SEALS FOR COMMUNICATIONS PATHWAYS AND CABLING</u>
<u>271100</u>	<u>COMMUNICATIONS EQUIPMENT ROOM FITTINGS</u>
<u>271300</u>	<u>COMMUNICATIONS BACKBONE CABLING</u>
<u>271500</u>	<u>COMMUNICATIONS HORIZONTAL CABLING</u>
<u>275123.50</u>	<u>EDUCATIONAL INTERCOMMUNICATIONS AND PROGRAM SYSTEMS</u>

DIVISION 28:**ELECTRONIC SAFETY & SECURITY****SECTION****TITLE**

<u>280544</u>	<u>SLEEVES AND SLEEVE SEALS FOR ELECTRONIC SAFETY AND SECURITY PATHWAYS AND CABLING</u>
<u>281300</u>	<u>ACCESS CONTROL</u>
<u>281600</u>	<u>INTRUSION DETECTION</u>
<u>282300</u>	<u>VIDEO SURVEILLANCE</u>
<u>283111</u>	<u>DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM</u>