

MASTERSPEC®

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SITE CIVIL LIBRARY
Full Length Basic

MasterFormat 2004 Version

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DIVISION 01 - GENERAL REQUIREMENTS

02/10	011000	SUMMARY	Summary of the Work, phased construction, purchase contracts, Owner-furnished products, access to site, and work restrictions.
02/10	011200	MULTIPLE CONTRACT SUMMARY	Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.
02/10	012100	ALLOWANCES	Provisions for cash allowances including lump-sum, unit cost, contingency, and testing and inspecting allowances.
02/10	012200	UNIT PRICES	Provisions for unit prices.
02/10	012300	ALTERNATES	Provisions for change-of-scope and cost-comparison type alternates.
02/10	012500	SUBSTITUTION PROCEDURES	Procedural requirements for requests for substitutions during construction.
02/10	012600	CONTRACT MODIFICATION PROCEDURES	Procedural requirements for changes to the Contract.
02/10	012900	PAYMENT PROCEDURES	Administrative requirements for Contractor's Applications for Payment.
02/10	013100	PROJECT MANAGEMENT AND COORDINATION	Administrative requirements for project meetings; preconstruction, preinstallation, and project closeout conferences; RFIs; and project Web sites.
02/10	013200	CONSTRUCTION PROGRESS DOCUMENTATION	Contractor's Construction Schedule including Gantt charts and CPM schedules; Contractor's reports.
02/10	013233	PHOTOGRAPHIC DOCUMENTATION	Construction photographs, video recordings, and web-based photographic documentation.
02/10	013300	SUBMITTAL PROCEDURES	Procedures for Action and Informational Submittals including Delegated-Design Submittals and Submittals Schedule.
02/10	013591	HISTORIC TREATMENT PROCEDURES	General protection and treatment of historic spaces; historic removal and dismantling; and bird-excrement removal.
02/10	014000	QUALITY REQUIREMENTS	Quality-assurance and -control requirements, special tests and inspections, and Contractor's quality-control plan.
02/10	014200	REFERENCES	Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MasterSpec.
02/10	015000	TEMPORARY FACILITIES AND CONTROLS	Temporary utilities and facilities for construction support, security, and protection.
02/10	015639	TEMPORARY TREE AND PLANT PROTECTION	Construction-phase tree and plant protection, trimming, and protection zone fencing.
02/10	016000	PRODUCT REQUIREMENTS	Administrative and procedural requirements for product, material, and equipment selection and handling; warranties; and comparable products.
02/10	017300	EXECUTION	General requirements for product installation, cutting and patching, protection, field engineering, and progress cleaning.
02/10	017419	CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL	Salvaging, recycling, and disposing of non-hazardous demolition and construction waste.
02/10	017700	CLOSEOUT PROCEDURES	Contract closeout including Substantial Completion and Final Completion procedures, warranties, and final cleaning.
02/10	017823	OPERATION AND MAINTENANCE DATA	Emergency, operation, and maintenance manuals for products and equipment.
02/10	017839	PROJECT RECORD DOCUMENTS	Record record Drawings, Specifications, and Product Data.
02/10	017900	DEMONSTRATION AND TRAINING	Administrative and procedural requirements for instructing Owner's personnel in operation and maintenance.

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02/10	018113.13	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR NEW CONSTRUCTION AND MAJOR RENOVATIONS	General requirements and procedures for LEED for New Construction and Major Renovations.
02/10	018113.16	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR COMMERCIAL INTERIORS	General requirements and procedures for LEED for Commercial Interiors.
02/10	018113.19	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR CORE AND SHELL DEVELOPMENT	General requirements and procedures for LEED for Core and Shell Development.
02/10	018113.23	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR SCHOOLS	General requirements and procedures for LEED for Schools.
02/10	019113	GENERAL COMMISSIONING REQUIREMENTS	Administrative requirements and procedures for commissioning all systems.

DIVISION 02 - EXISTING CONDITIONS

02/10	024116	STRUCTURE DEMOLITION	Complete structure removal.
02/10	024119	SELECTIVE STRUCTURE DEMOLITION	Demolition and removal of selected portions of buildings and site elements.

DIVISION 03 - CONCRETE

02/10	030130	MAINTENANCE OF CAST-IN-PLACE CONCRETE	Concrete patching and repair, epoxy crack injection, polymer overlays and sealers, and composite structural performance.
02/10	033000	CAST-IN-PLACE CONCRETE	General building and structural applications; concrete mixtures, formwork, reinforcing, finishing, and curing.
02/10	033053	MISCELLANEOUS CAST-IN-PLACE CONCRETE	Cast-in-place concrete for limited applications.
02/10	033816	UNBONDED POST-TENSIONED CONCRETE	Post-tensioning reinforcement, encapsulated and non-encapsulated.
02/10	034100	PRECAST STRUCTURAL CONCRETE	Conventional precast structural concrete units.

DIVISION 05 - METALS

02/10	055000	METAL FABRICATIONS	Metal items (not sheet metal) made from iron and steel shapes, stainless steel, and non-ferrous metals.
02/10	055213	PIPE AND TUBE RAILINGS	Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing.

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

02/10	071113	BITUMINOUS DAMPPROOFING	Hot- and cold-applied asphaltic dampproofing.
02/10	071326	SELF-ADHERING SHEET WATERPROOFING	Self-adhering modified bituminous and adhesive-coated HDPE sheet; drainage panels; concrete pavers.
02/10	071353	ELASTOMERIC SHEET WATERPROOFING	Butyl and EPDM sheet; drainage panels; concrete pavers.
02/10	071354	THERMOPLASTIC SHEET WATERPROOFING	PVC sheet; drainage panels; concrete pavers.
02/10	071413	HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING	Hot, rubberized-asphalt waterproofing for plaza deck and below-grade walls.
02/10	071416	COLD FLUID-APPLIED WATERPROOFING	Polyurethane, polyester, and latex-rubber types.

DIVISION 11 - EQUIPMENT

02/10	110513	COMMON MOTOR REQUIREMENTS FOR EQUIPMENT	Universal default values for small and medium, ac motors.
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DIVISION 22 - PLUMBING

03/10	221113	FACILITY WATER DISTRIBUTION PIPING	Utility service, domestic, and fire-protection water, specialties, and valves.
03/10	221216	FACILITY ELEVATED, POTABLE-WATER STORAGE TANKS	Above-ground water storage.
03/10	221219	FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANKS	Surface-mounted water storage.
03/10	221313	FACILITY SANITARY SEWERS	Sanitary sewerage and underground structures outside the building.

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03/10	221323	SANITARY WASTE INTERCEPTORS	Grease, oil, and sand interceptors for sewerage systems outside the building.
03/10	221343	FACILITY PACKAGED SEWAGE PUMPING STATIONS	Pump, compressor, tank, and controls.
03/10	221353	FACILITY SEPTIC TANKS	Tank, distribution box, and drainage pipe.
03/10	221413	FACILITY STORM DRAINAGE PIPING	Stormwater piping within the building.
03/10	221423	STORM DRAINAGE PIPING SPECIALTIES	Roof drains, cleanouts, trench drains, channel drains, and piping specialties.

DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING

03/10	231123	FACILITY NATURAL-GAS PIPING	Natural gas piping and specialties.
03/10	231126	FACILITY LIQUEFIED-PETROLEUM GAS PIPING	LP gas piping, specialties, and storage equipment.
03/10	232113.33	GROUND-LOOP HEAT-PUMP PIPING	Horizontal and vertical, direct-buried, ground-loop piping.

DIVISION 26 - ELECTRICAL

03/10	260543	UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS	Manholes, handholes, and underground ducts.
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DIVISION 31 - EARTHWORK

02/10	311000	SITE CLEARING	Clearing, grubbing, vegetation protection, topsoil stripping, and disconnecting utilities.
02/10	312000	EARTH MOVING	Excavating, filling and backfilling, compaction, and grading.
02/10	312319	DEWATERING	Construction dewatering and groundwater controls.
02/10	315000	EXCAVATION SUPPORT AND PROTECTION	Soldier piles and lagging, sheet piling, and tiebacks.

DIVISION 32 - EXTERIOR IMPROVEMENTS

02/10	321216	ASPHALT PAVING	Paving, overlays, and surface treatments.
02/10	321313	CONCRETE PAVING	Concrete paving for site construction applications.
02/10	321316	DECORATIVE CONCRETE PAVING	Surface-imprinted, stamped, stencil-patterned, or stained finish concrete paving.
02/10	321373	CONCRETE PAVING JOINT SEALANTS	Sealants for concrete and asphalt pavement joints.
02/10	321400	UNIT PAVING	Brick, asphalt, concrete, and rough stone pavers on aggregate, mortar, and bituminous setting beds.
02/10	321443	POROUS UNIT PAVING	Concrete, grid-type and interlocking type with openings between units.
02/10	323113	CHAIN LINK FENCES AND GATES	Standard chain-link fencing systems.
02/10	323113.53	HIGH-SECURITY CHAIN LINK FENCES AND GATES	High-security chain-link fencing systems.
02/10	323223	SEGMENTAL RETAINING WALLS	Dry-laid concrete masonry unit walls.
02/10	328400	PLANTING IRRIGATION	Heads, pipes, and controls.
02/10	329200	TURF AND GRASSES	Seeded, sodded, plugged, and sprigged turf and meadows; planting soils; pesticides; erosion-control materials; turf renovation; and grass paving.
02/10	329300	PLANTS	Plants, planting soils, pesticides, tree-stabilization materials, edgings, and tree grates.
02/10	329600	TRANSPLANTING	Transplanting non-nursery-grown trees; tree stabilization; watering devices.

DIVISION 33 - UTILITIES

03/10	330500	COMMON WORK RESULTS FOR UTILITIES	Basic piping materials and methods.
03/10	332100	WATER SUPPLY WELLS	Drilled and driven wells and well pumps.
03/10	334100	STORM UTILITY DRAINAGE PIPING	Gravity and forced storm piping, underground structures, and specialties.
03/10	334600	SUBDRAINAGE	Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas.
03/10	334713	POND AND RESERVOIR LINERS	Geomembrane liners and covers.

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