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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 | 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. |
| 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. |

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| 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 | 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 | 033300 | ARCHITECTURAL CONCRETE | Specially formed, placed, and finished architectural concrete. |
| 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. |
| 02/10 | 034500 | PRECAST ARCHITECTURAL CONCRETE | Precast concrete cladding units, insulated units, and masonry-faced units. |
| 02/10 | 034713 | TILT-UP CONCRETE | Wall panels and insulated sandwich panels. |
| 02/10 | 034900 | GLASS-FIBER-REINFORCED CONCRETE (GFRC) | GFRC cladding panels; panel framing. |
| 02/10 | 035216 | LIGHTWEIGHT INSULATING CONCRETE | Mineral-aggregate and foam types. |
| 02/10 | 035300 | CONCRETE TOPPING | High-strength special-aggregate concrete slab toppings. |

DIVISION 04 - MASONRY

| | | | |
|-------|--------|---------------------------------|--|
| 02/10 | 040120 | MAINTENANCE OF UNIT MASONRY | Historic and nonhistoric applications for brick and terra cotta. |
| 02/10 | 040140 | MAINTENANCE OF STONE ASSEMBLIES | Historic and nonhistoric applications for stone. |
| 02/10 | 042000 | UNIT MASONRY | CMU, brick, structural-clay facing tile, and stone trim units. |
| 02/10 | 042113 | BRICK MASONRY | Brick veneer over wood- or metal-stud backup. |
| 02/10 | 042200 | CONCRETE UNIT MASONRY | Single-wythe CMU including decorative units. |
| 02/10 | 042300 | GLASS UNIT MASONRY | Glass block installed with mortar, glass block installed with spacers and sealant, and glass-block grid systems. |
| 02/10 | 044200 | EXTERIOR STONE CLADDING | Exterior stone panels. |
| 02/10 | 044300 | STONE MASONRY | Stone veneer laid in mortar. |
| 02/10 | 047200 | CAST STONE MASONRY | Architectural features, facing, trim, and site accessories. |

DIVISION 05 - METALS

| | | | |
|-------|--------|--|--|
| 02/10 | 051200 | STRUCTURAL STEEL FRAMING | Structural steel framing for buildings. |
| 02/10 | 051213 | ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING | Architecturally exposed structural steel framing for buildings. |
| 02/10 | 052100 | STEEL JOIST FRAMING | Standard manufactured open-web units, including steel joists, long-span steel joists, and joist girders. |
| 02/10 | 053100 | STEEL DECKING | Roof, floor, and form steel deck. |

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| | | | |
|--|--------|--|--|
| 02/10 | 054000 | COLD-FORMED METAL FRAMING | Load-bearing and exterior non-load-bearing wall studs; floor, ceiling, and roof joists; rafters and roof trusses. |
| 02/10 | 055000 | METAL FABRICATIONS | Metal items (not sheet metal) made from iron and steel shapes, stainless steel, and non-ferrous metals. |
| 02/10 | 055100 | METAL STAIRS | Steel; with pan, plate, and grating treads. |
| 02/10 | 055213 | PIPE AND TUBE RAILINGS | Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing. |
| 02/10 | 055300 | METAL GRATINGS | Metal and glass-fiber-reinforced plastic gratings. |
| 02/10 | 057000 | DECORATIVE METAL | Custom fabrications from nonferrous and ferrous metals. |
| 02/10 | 057300 | DECORATIVE METAL RAILINGS | Ornamental metal railings assembled from either standard or custom components and shapes. Also included are glass- and plastic-supported railings, and illuminated railings. |
| 02/10 | 057500 | DECORATIVE FORMED METAL | Custom sheet metal fabrications; no flashing. |
| DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES | | | |
| 02/10 | 061000 | ROUGH CARPENTRY | Wood framing, furring, grounds, nailers, and blocking. |
| 02/10 | 061063 | EXTERIOR ROUGH CARPENTRY | Elevated decks and other exterior wood construction. |
| 02/10 | 061323 | HEAVY TIMBER CONSTRUCTION | Solid timber framing. |
| 02/10 | 061500 | WOOD DECKING | Solid and laminated T & G decking. |
| 02/10 | 061600 | SHEATHING | Roof and wall sheathing, subflooring, and underlayment. Includes wood, non-wood, and composite products. |
| 02/10 | 061753 | SHOP-FABRICATED WOOD TRUSSES | Metal-plate-connected members. |
| 02/10 | 061800 | GLUED-LAMINATED CONSTRUCTION | Glued-laminated structural framing. |
| 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. |
| 02/10 | 071900 | WATER REPELLENTS | Clear and pigmented penetrating, film-forming, and MPI-approved types. |
| 02/10 | 078100 | APPLIED FIREPROOFING | Cementitious and mineral-fiber fire-resistive materials classified as SFRM. |
| 02/10 | 078123 | INTUMESCENT MASTIC FIREPROOFING | Mastic or intumescent fire-resistive coatings, including intumescent and subliming types. |
| 02/10 | 078413 | PENETRATION FIRESTOPPING | Systems installed in fire-resistance-rated walls, horizontal assemblies, and smoke barriers. |
| 02/10 | 078446 | FIRE-RESISTIVE JOINT SYSTEMS | Systems installed in or between fire-rated construction, at exterior curtain wall/floor intersections, and in smoke barriers. |
| 02/10 | 079200 | JOINT SEALANTS | Elastomeric, latex, solvent-release-curing, preformed, and acoustical sealants. |
| 02/10 | 079500 | EXPANSION CONTROL | For building interiors and exteriors and open-air structures. |
| DIVISION 09 - FINISHES | | | |

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| 02/10 | 096340 | STONE FLOORING | Exterior and interior stone traffic surfaces. |
| 02/10 | 099113 | EXTERIOR PAINTING | Exterior painting. |
| 02/10 | 099123 | INTERIOR PAINTING | Interior painting. |
| 02/10 | 099300 | STAINING AND TRANSPARENT FINISHING | For interior and exterior wood. |
| 02/10 | 099600 | HIGH-PERFORMANCE COATINGS | Tile-like coatings for use on exterior and interior substrates. |

DIVISION 10 - SPECIALTIES

| | | | | |
|---|-------|--------|------------------------------|---|
| D | 02/10 | 101400 | SIGNAGE | Exterior and interior signs, letters, and plaques. |
| N | 02/10 | 101416 | PLAQUES | One-piece, cast or etched, solid-metal plaques. |
| N | 02/10 | 101419 | DIMENSIONAL LETTER SIGNAGE | Individually mounted dimensional characters and illuminated dimensional characters that are combined to form signs. |
| N | 02/10 | 101423 | PANEL SIGNAGE | Panel signs, illuminated panel signs, and field-applied, vinyl-character signs. |
| U | 02/10 | 101426 | POST AND PANEL/PYLON SIGNAGE | Illuminated and nonilluminated, freestanding panel signs that are supported by posts or configured as pylons. |
| | 02/10 | 107500 | FLAGPOLES | Aluminum, bronze, stainless-steel, steel, and fiberglass flagpoles. |

DIVISION 11 - EQUIPMENT

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

DIVISION 13 - SPECIAL CONSTRUCTION

| | | | | |
|--|-------|--------|------------------------|---|
| | 02/10 | 133419 | METAL BUILDING SYSTEMS | Systems consisting of structural framing, roofing and siding panels, and standard components. |
|--|-------|--------|------------------------|---|

DIVISION 22 - PLUMBING

| | | | | |
|--|-------|--------|------------------------------------|--|
| | 03/10 | 221113 | FACILITY WATER DISTRIBUTION PIPING | Utility service, domestic, and fire-protection water, specialties, and valves. |
| | 03/10 | 221313 | FACILITY SANITARY SEWERS | Sanitary sewerage and underground structures outside the building. |
| | 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 | 265600 | EXTERIOR LIGHTING | Exterior luminaires including poles and standards. |
|--|-------|--------|-------------------|--|

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 | 313116 | TERMITE CONTROL | Control by treatment of soil with termiticides, installation of bait stations to dispense termiticides, and installation of permanent metal mesh barriers. |
| | 02/10 | 315000 | EXCAVATION SUPPORT AND PROTECTION | Soldier piles and lagging, sheet piling, and tiebacks. |

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| 02/10 | 316213 | CONCRETE PILES | Driven precast prestressed concrete piles, solid and hollow. |
| 02/10 | 316216 | STEEL PILES | Driven steel H-section piles. |
| 02/10 | 316219 | TIMBER PILES | Driven preservative-treated round timber piles. |
| 02/10 | 316223 | COMPOSITE PILES | Driven concrete-filled steel shell and steel pipe piles. |
| 02/10 | 316329 | DRILLED CONCRETE PIERS AND SHAFTS | Dry-installed and slurry-displacement-installed types. |
| 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 | 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 | 323113 | CHAIN LINK FENCES AND GATES | Standard chain-link fencing systems. |
| 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. |
| DIVISION 33 - UTILITIES | | | |
| 03/10 | 330500 | COMMON WORK RESULTS FOR UTILITIES | Basic piping materials and methods. |
| 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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