## **TABLE OF CONTENTS**

## **INTRODUCTORY INFORMATION**

00 00 10 – Title Page 00 00 20 – Table of Contents

# $\frac{\text{DIVISION 0 - BIDDING REQUIREMENTS, CONTRACTOR FORMS AND CONDITIONS}}{\text{OF THE CONTRACT}}$

Section	00 02 00	Notice to Bidders
Section		
	00 10 00	Instructions to Bidders
	00 20 00	Information Available to Bidders
		Geotechnical Data
	00 26 00.00	Procurement Substitution Procedures
	00 26 00.01	Substitution Request Form
	00 30 50	Bidder Reminder List
	00 31 00	Bid Form
	00 37 00	Standard Forms
	00 41 00	Bid Bond
	00 43 50	Subcontractors and Products List
	00 50 00	Standard Form of Agreement
		AIA 132 Exhibit A Insurance & Bonds
		Schedule of Insurance Requirements
	00 61 00	Performance Bond and Payment Bond
	00 70 00	Amended General Conditions
	00 82 50	Retainage Agreement
	00 83 00	Schedule of Project Construction Wages

## **DIVISION 1 - GENERAL REQUIREMENTS**

α	01 12 00	M 1. 1 C C
Section	01 12 00	Multiple Contract Summary
	01 21 00	Allowances
	01 23 00	Alternates
	01 25 00	Contract Modification Procedures
	01 28 00	Schedule of Values
	01 29 00	Application for Payment
	01 31 00	Project Meetings
	01 32 00	Schedules and Reports
	01 33 00	Submittal Procedures
	01 33 00.01	Digital Data Transmittal
	01 40 00	Quality Requirements
	01 45 10	Testing Laboratory Services
	01 50 50	Temporary Facilities and Controls
	01 51 10	Temporary Electricity, Lighting and Warning Systems
	01 51 30	Temporary Heating, Ventilation and Cooling

01 51 50	Temporary Water
01 51 60	Temporary Sanitary Facilities
01 51 80	Temporary Fire Protection
01 52 10	Construction Aids and Temporary Enclosures
01 52 60	Rubbish Container
01 53 10	Fences (Temporary Security)
01 53 20	Tree and Plant Protection
01 53 30	Barricades
01 54 60	Environment Protection
01 54 80	Utility Protection
01 55 00	Access Roads and Parking Areas and Groundskeeping
01 55 00b	FODS+Technical +Data+Sheet+Overhaul
01 55 00c	FODS
01 56 20	Dust Control
01 56 30	Water Control
01 56 80	Erosion Control
01 56 90	Housekeeping and Safety
01 57 60	Project Signs
01 59 10	Project Office
01 59 20	Offices and Sheds
01 60 00.00	Product Requirements
01 71 50	Final Cleaning
01 72 00	Field Engineering
01 72 50	Work Layout
01 73 10	Cutting and Patching
01 77 00	Contract Closeout

#### **DIVISION 02: EXISTING CONDITIONS**

Section 02 41 19 Selective Demolition

#### **DIVISION 03: CONCRETE**

Section 03 06 30.01 Concrete Schedule 03 30 00 Cast-in-Place Concrete

#### **DIVISION 04: MASONRY**

Section	04 01 20	Maintenance of Masonry
	04 20 00	Unit Masonry

04 72 00 Cast Stone Masonry

## **DIVISION 05: METALS**

Section	05 12 00	Structural Steel Framing
	05 21 00	Steel Joist Framing
	05 31 00	Steel Decking

05 40 00	Cold-Formed Metal Framing
05 50 00	Metal Fabrications
05 51 33.23	Alternating Tread Ladders
05 52 13	Pipe and Tube Railings
05 70 00	Decorative Metal
05 73 00	Decorative Metal Railings

# **DIVISION 06: CARPENTRY**

Section	06 10 00	Rough Carpentry
	06 16 00	Sheathing
	06 20 23	Interior Finish Carpentry
	06 41 13	Wood Veneer-Faced Architectural Cabinets
	06 42 00	Wood Paneling
	06 61 16	Solid Surface Fabrications

# **DIVISION 07: THERMAL AND MOISTURE PROTECTION**

Section	07 01 45	Maintenance of Exterior Insulation and Finish Systems (EIFS)
	07 14 16	Cold Fluid-Applied Waterproofing
	07 21 00	Thermal Insulation
	07 24 19	Water Drainage Exterior Insulation and Finish System (EIFS)
	07 24 23	Direct Applied Exterior Finish System
	07 27 26.02	Vapor-Permeable, Fluid-Applied Membrane Air Barrier
	07 41 13.16	Standing Seam Metal Roof Panels
	07 54 00	Thermoplastic Membrane Roofing (PVC and KEE)
	07 62 00	Sheet Metal Flashing and Trim
	07 71 00	Roof Specialties
	07 84 13	Penetration Firestopping
	07 84 43	Joint Firestopping
	07 91 00	Preformed Joint Seals
	07 92 00	Joint Sealants
	07 95 13.13	Interior Expansion Joint Cover Assemblies

# **DIVISION 08: OPENINGS**

Section	08 12 13	Hollow Metal Frames
	08 14 16	Flush Wood Doors
	08 16 13	Fiberglass Doors
	08 31 13	Access Doors and Frames
	08 33 13	Coiling Counter Doors
	08 33 23	Overhead Coiling Doors
	08 41 13	Aluminum-Framed Entrances and Storefronts
	08 44 13	Glazed Aluminum Curtain Walls
	08 71 00	Door Hardware
	08 80 00	Glazing
	08 81 13	Decorative Glass Glazing

08 87 23	Safety and Security Film
08 91 19	Fixed Louvers

## **DIVISION 09: FINISHES**

G .:	00 01 01	M' D' (MY D CEL ' All ' C C (CL)
Section	09 01 91	Moisture Resistant/Water-Proof Flooring Adhesive for Concrete Slabs
	09 05 16	Existing Substrate Preparation for Floor Finishes
	09 21 16	Gypsum Board Assemblies
	09 30 00	Tiling
	09 51 13	Acoustical Panel Ceilings
	09 54 23	Linear Metal Ceilings
	09 65 13	Resilient Base and Accessories
	09 65 16	Resilient Sheet Flooring
	09 65 19	Resilient Tile Flooring
	09 65 43	Linoleum Flooring
	09 67 23	Decorative Resinous Flooring
	09 68 13	Tile Carpeting
	09 72 00	Wall Coverings
	09 74 16	Wood-Veneer Wall Coverings
	09 77 13	Stretched Fabric Wall Systems
	09 84 33.13	Abuse-Resistant Sound-Absorbing Wall Units
	09 91 23.61	Interior Painting/Repainting
	09 96 00	High-Performance Coatings

# **DIVISION 10: SPECIALTIES**

Section	10 11 00	Visual Display Units
	10 14 19	Dimensional Letter Signage
	10 21 13.19	Solid Polymer Toilet Compartments
	10 21 23	Cubicles
	10 26 00	Wall and Door Protection
	10 28 00	Toilet, Bath, and Laundry Accessories
	10 41 16	Lock Box
	10 43 13	Defibrillator Cabinets
	10 44 13	Fire Extinguisher Cabinets
	10 44 16	Fire Extinguishers

# **DIVISION 11: EQUIPMENT**

Section	11 13 13	Loading Dock Bumpers
	11 31 00	Residential Appliances
	11 40 00	Food Service Equipment
	11 51 23	Library Stack Systems
	11 52 13	Front Projection Screens
	11 61 43	Stage Curtains
	11 66 00	Athletic Equipment
	11 73 10	Safety Padding

## **DIVISION 12: FURNISHINGS**

Section	12 24 13	Roller Window Shades
	12 32 16	Manufactured Plastic Laminate-Faced (Educational) Casework
	12 48 26.01	Entrance Carpet Tile
	12 93 00	Site Furnishings and Amenities

## **DIVISION 21: FIRE PROTECTION**

Section	21 05 00	Common Work Results for Fire Suppression
	21 10 00	Water-Based Fire Suppression Systems

# **DIVISION 22: PLUMBING**

Section	22 00 02	Work in Existing Buildings
	22 05 00	Common Work Results for Plumbing
	22 05 01	Basic Plumbing Materials and Methods
	22 05 19	Meters and Gages for Plumbing Piping
	22 05 23	General-Duty Valves for Plumbing Piping
	22 05 29	Hangers and Supports for Plumbing Piping and Equipment
	22 05 53	Identification for Plumbing Piping and Equipment
	22 07 00	Plumbing Insulation
	22 11 16	Domestic Water Piping
	22 11 19	Domestic Water Piping Specialties
	22 13 16	Sanitary, Waste, and Vent Piping System
	22 14 13	Facility Storm Drainage Piping
	22 40 00	Plumbing Fixtures
	22 47 00	Drinking Fountains and Water Coolers
	22 63 13	Facility Natural Gas Piping

# **DIVISION 23: HEATING, VENTILATING, AND AIR CONDITIONING**

Section	23 01 30	HVAC Air Duct Cleaning
	23 05 00	Common Work Results for HVAC
	23 05 13	Common Motor Requirements for HVAC Equipment
	23 05 19	Meters and Gages for HVAC Piping
	23 05 23	General-Duty Valves for HVAC Piping
	23 05 29	Hangers and Supports for HVAC Piping and Equipment
	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment
	23 05 53	Identification for HVAC Piping and Equipment
	23 05 93	Testing, Adjusting, and Balancing for HVAC
	23 07 00	HVAC Insulation
	23 09 00	Instrumentation and Control for HVAC
	23 09 93	HVAC Sequence of Operation
	23 21 13	Hydronic Piping
	23 21 23	Hydronic Pumps
	23 23 00	Refrigerant Piping

HVAC Water Treatment
Variable-Frequency Motor Controllers
Metal Ducts
Air Duct Accessories
HVAC Power Ventilators
Air Terminal Units
Diffusers, Registers, and Grilles
HVAC Gravity Ventilators
Breechings, Chimneys, and Stacks
Condensing Boilers
Packaged Compressor and Condenser Units
Air-to-Air Energy Recovery Equipment
Modular Indoor Central-Station Air-Handling Units
Split-System Air-Conditioners
Fan Coil Units
Unit Heaters

# **DIVISION 26: ELECTRICAL**

Section	26 00 05	Electrical Demolition
	26 00 50	General Electrical Requirements
	26 05 05	Electrical Testing
	26 05 19	Low-Voltage Electrical Power Conductors and Cables
	26 05 26	Grounding and Bonding for Electrical Systems
	26 05 29	Hangers and Supports for Electrical Systems
	26 05 33	Conduit and Boxes for Electrical Systems
	26 05 36	Ladder Type Cable Trays
	26 05 43	Underground Ducts and Raceways for Electrical Systems
	26 05 53	Identification for Electrical Systems
	26 05 73	Power System Studies
	26 09 23	Lighting Control Devices
	26 22 00	Low-Voltage Transformers
	26 24 16	Panelboards
	26 27 26	Wiring Devices
	26 28 13	Fuses
	26 28 16	Enclosed Switches and Circuit Breakers
	26 29 13	Enclosed Controllers
	26 32 13	Engine Generators
	26 36 00	Transfer Switches
	26 51 00	Interior Lighting
	26 55 61	Architectural Lighting Controls
	26 56 00	Exterior Lighting

## **DIVISION 27: COMMUNICATIONS**

Section	27 01 00	Operation Manuals of Communications Systems
	27 01 11	Demonstration, Training, and Warranty of Communications Systems
	27 05 00	Common Work Results For Communications
	27 05 26	Grounding And Bonding For Communications Systems
	27 05 28	Pathways For Communications Systems
	27 05 53	Identification For Communications Systems
	27 11 00	Communications Equipment Room Fittings
	27 11 13	Communications Entrance Protection
	27 13 23	Communications Optical Fiber Backbone Cabling
	27 15 13	Communications Copper Horizontal Cabling
	27 15 53	Misc. Communications Audio-Video Cabling
	27 41 17	Integrated A/V Control System and Equipment
	27 51 23	Intercommunications And Program Systems

## **DIVISION 28: ELECTRONIC SAFETY AND SECURITY**

Section	28 05 00	Common Work Results For Electronic Safety And Security
	28 05 13	Conductors And Cables For Electronic Safety And Security
	28 13 00	Electronic Access Control
	28 16 00	Intrusion Detection
	28 23 00	Video Surveillance System
	28 31 11	Digital, Addressable Fire-Alarm System

## **DIVISION 31: EARTHWORK**

Section	31 10 00	Site Clearing
	31 20 00	Earth Moving
	31 23 19	Dewatering
	31 23 23	Flowable Fill
	31 25 00	Erosion Control
	31 32 00	Geotextile
	31 50 00	<b>Excavation Support and Protection</b>

# **DIVISION 32: EXTERIOR IMPROVEMENTS**

Section	32 12 16	Asphalt Paving
	32 13 13	Concrete Paving
	32 13 73	Concrete Paving Joint Sealants
	32 17 13	Parking Bumpers
	32 17 23	Pavement Markings
	32 91 13	Soil Preparation
	32 92 00	Turf and Grasses
	32 93 00	Plants

# **DIVISION 33: UTILITIES**

Section	33 05 00	Common Work Results for Utilities
	33 41 00	Storm Utility Drainage Piping
	33 46 00	Subdrainage

END OF SECTION 00 00 20