# **TABLE OF CONTENTS**

#### **INTRODUCTORY INFORMATION**

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

# DIVISION 0 - BIDDING REQUIREMENTS, CONTRACTOR FORMS AND CONDITIONS OF THE CONTRACT

Section	00 01 07	Seals Page (In Volume 2)
	00 01 15	List of Drawings (In Volume 2)
	00 02 00	Notice to Bidders
	00 10 00	Instructions to Bidders
	00 12 10	Substitution Request Form
	00 20 00	Information Available to Bidders
		Site Logistics Plan, Phasing Plan, and Asbestos Report
	00 30 50	Bidder Reminder List
	00 31 00	Bid Form
	00 31 32	Geotechnical Data
	00 37 00	Standard Forms
	00 41 00	Bid Bond
	00 43 50	Subcontractors and Products List
	00 50 00	Standard Form of Agreement
	00 61 00	Performance Bond and Payment Bond
	00 70 00	Amended General Conditions
	00 82 00	Schedule of Insurance Requirements
	00 83 00	Schedule of Project Construction Wages

## **DIVISION 1 - GENERAL REQUIREMENTS**

01 12 00	Multiple Contract Summary
01 21 00	Allowances
01 23 00	Alternates (In Volume 2)
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 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

Section

- 01 51 30 Temporary Heating, Ventilation and Cooling
- 01 51 40 Temporary Telephone
- 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
- 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 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

#### VOLUME 2

#### **DIVISION 02 - EXISTING CONDITIONS**

#### 02 41 19 Selective Demolition

#### **DIVISION 03 - CONCRETE**

03 30 00 Cast-In-Place Concrete

**DIVISION 04 - MASONRY** 

 04 01 20.63
 Brick Masonry Repair

 04 20 00
 Unit Masonry

 04 22 00
 Concrete Unit Masonry

 04 22 00
 Concrete Unit Masonry

 04 72 00
 Cast Stone Masonry

**DIVISION 05 - METALS** 

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 52 13	Pipe and Tube Railings

## **DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES**

06 10 53	Miscellaneous Rough Carpentry
06 20 23	Interior Finish Carpentry
06 41 16	Plastic Laminate Faced Architectural Cabinets
	Fiber-Reinforced Laminates

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

07 01 50.19	Preparation for Re-Roofing
07 11 13	Bituminous Dampproofing
07 21 00	Thermal Insulation
07 21 19	Foamed-In-Place Insulation
07 24 13	Polymer-Based Exterior Insulation and Finish System (EIFS)
07 42 13.13	Formed Metal Wall Panels
07 54 19	Polyvinyl-Chloride (PVC) Roofing
07 62 00	Sheet Metal Flashing and Trim
07 71 00	Roof Specialties
07 72 00	Roof Accessories
07 84 13	Penetration Firestopping
07 84 43	Joint Firestopping
07 92 00	Joint Sealants
07 92 19	Acoustical Joint Sealants
07 95 13.13	Interior Expansion Joint Cover Assemblies
07 95 13.16	Exterior Expansion Joint Cover Assemblies

#### **DIVISION 08 - OPENINGS**

08 11 16	<u>Aluminum Doors</u>
	Hollow Metal Frames
08 14 16	Flush Wood Doors
08 31 13	Access Doors and Frames
08 33 13	Coiling Counter Doors
08 33 23	- Overhead Coiling Doors
	Aluminum-Framed Entrances and Storefronts
08 44 13	Glazed Aluminum Curtain Walls
08 45 23	Insulated Translucent Wall Panel System
	Aluminum Windows

08 71 00	Door Hardware
08 73 40	Commercial Door Operators
08 80 00	Glazing
08 88 13	Fire-Resistant Glazing
08 90 00	Louvers

# **DIVISION 09 - FINISHES**

09	22 16	Non-Structural Metal Framing
09	29 00	Gypsum Board
09	30-13	Ceramic Tiling
09	51-13	Acoustical Panel Ceilings
09	64-20	Wood Gymnasium Flooring
09	65-13	Resilient Base and Accessories
09	65-19	Resilient Tile Flooring
09	66-23	Resinous Matrix Terrazzo Flooring
09	67-23	Resinous Flooring
09	68-13	Tile Carpeting
09	77 10	Framed Decorative Panel Systems
09	84 33	Sound-Absorbing Wall Units
09	84 36	Sound-Absorbing Ceiling Units
09	91-13	Exterior Painting
09	92 23	Interior Painting
09	93-10	Electrostatic Painting

# **DIVISION 10 - SPECIALTIES**

10 11 00	
$\frac{10 11 00}{10}$	Visual Display Units
10 14 19	Dimensional Letter Signage
10 14 23.13	Room Identification Signage
10 14 26	Post and Panel-Pylon Signage
10 21 13.19	Plastic Toilet Compartments
10 28 00	Toilet Accessories
10 36 23.13	Plastic-Laminate Clad Countertops
10 36 61	Solid Surfacing Countertops
10-44-13	Fire Protection Cabinets
10 44 16	Fire Extinguishers
10 51 13	Metal Lockers

# **DIVISION 11 - EQUIPMENT**

	Foodservice Equipment
<u> </u>	Library Stack Systems
11 52 13	Projection Screens
11 55 50	Kilns
11 61 00	Laboratory Fume Hoods

11	66.00	Athletic Equipment
11		Aunerie Equipment
11	66-43	LED Basketball Scoreboards

#### **DIVISION 12 - FURNISHINGS**

12 24 13	Roller Window Shades
12 35 53.19	Wood Laboratory Casework
12 35 83	Specialty Casework
12 36 23.13	Plastic-Laminate Clad Countertops
12 36 61	Solid Surfacing Countertops
12 66 00	Telescoping Stands

# **DIVISION 21 - FIRE SUPPRESSION**

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

## **DIVISION 22 - PLUMBING**

2	2 00 02	Work in Existing Buildings
2	2 05 00	Common Work Results for Plumbing
2	2 05 01	Basic Plumbing Materials and Methods
2	2 05 13	Common Motor Requirements for Plumbing Equipment
2	2 05 19	Meters and Gages for Plumbing Piping
2	2 05 23	General-Duty Valves for Plumbing Piping
2	2 05 29	Hangers and Supports for Plumbing Piping and Equipment
2	2 05 53	Identification for Plumbing Piping and Equipment
2	2 07 00	Plumbing Insulation
2	2 11 16	Domestic Water Piping
2	2 11 19	Domestic Water Piping Specialties
2	2 11 23	Domestic Water Pumps
2	2 13 16	Sanitary, Waste, and Vent Piping System
2	2 14 13	Facility Storm Drainage Piping
2	2 31 00	Domestic Water Softeners
2	2 34 00	Fuel-Fired Domestic Water Heaters
2	2 40 00	Plumbing Fixtures
2	2 45 00	Emergency Plumbing Fixtures
2	2 47 00	Drinking Fountains and Water Coolers
2	2 63 13	Facility Natural Gas Piping
2	2 66 00	Acid Waste and Vent Systems

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

23 05 00	Common Work Results
23-05-13	Common Motor Requirements
23 05 19	Thermometers & Pressure Gages

23 05 23	General-Duty Valves
	Hangers & Supports
	Identification
23 05 93	Testing and Balancing
23 07 00	8
	Instrumentation & Control
23 09 93	Sequences of Operation
	System Control Points Lists
	Hydronic Pipe & Accessories
	Hydronic Pumps & Accessories
	Refrigerant Piping
	Water Treatment
23 29 23	Variable-Frequency Motor Controller
23 31 13	Metal Duct
23 31 16	Nonmetal Duct
23 33 00	Air Duct Accessories
23 34 23	Powered Ventilators
23 36 00	Air Terminal Units
23 37 13	Diffusers, Registers, and Grilles
23 37 23	Roof Mounted Ventilators
23 51 00	Flue Gas Venting
23 52 16	Condensing Boiler
23 64 17	Thermal Storage Units
23 64 23	Air-Cooled Scroll Water Chiller
23 73 13	Modular Air-Handler
23 73 15	Energy Recovery Air-Hander
23 81 26	Packaged Split-Systems
23 81 46	Unitary Heat Pump
23 82 19	Fan Coil Unit
	Cabinet & Propeller Heaters
23 83 16	Finned-Tube Heaters

# **DIVISION 26 - ELECTRICAL**

 26 00 05	Electrical Demolition
 26 00 50	General Electrical Requirements
 26-05-05	<u>Electrical Testing</u>
 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 35	Surface Raceways for Electrical Systems
26 05 43	Underground Ducts and Raceways for Electrical Systems
26 05 53	Identification for Electrical Systems
26 05 72	Overcurrent Protective Device Short Circuit Study
26 05 73	Overcurrent Protective Device Coordination Study
	5

26 05 74	Overcurrent Protective Device Arc-Flash Study
26 09 23	Lighting Control Devices
26 22 00	Low-Voltage Transformers
26 24 13	Switchboards
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 35 26	Harmonic Filters
26 35 33	Power Factor Correction Equipment
26 40 02	Underground Electrical Service
26 51 00	Interior Lighting
26 56 00	Exterior Lighting

#### **DIVISION 27 - COMMUNICATIONS**

- 27 01 00 Operation and Maintenance 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 00TM Manufacturers Material List
- 27 13 23 Communications Fiber Optical Backbone Cabling
- 27 13 23TM Manufacturers Material List
- 27 15 11 Conductors and Cables for Intercom, Public Address and Mass **Notification Systems**
- 27 15 15 Communications Copper Horizontal Cabling (Category 6)
- 27 15 15TM Manufacturers Material List
- 27 15 17 Communications Copper Horizontal Cabling (Augmented Cat 6A)
- 27 15 17TM Manufacturers Material List
- 27 15 53 Mise. Communications Audio/Video Cabling
- 27 15 53TM Manufacturers Material List
- 27 40 00VAE Sound System27 51 16Public Address and Mass Notification Systems
- 27 51 25 **IP Based Intercommunications and Program Systems**
- 27 53 15 Synchronous Wireless Clock Systems

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

- 28 05 10 Common Work Results for Electronic Safety and Security
- 28 05 23 Conductors and Cables for Electronic Safety and Security
- 28 13 10 Access Control

28 16 00	Intrusion Detection
28 23 11	IP Video Surveillance
28 31 11	Digital, Addressable Fire-Alarm System

# **DIVISION 31 - EARTHWORK**

 31 10 00	Site Clearing
 31 20 00	Earth Moving

## **DIVISION 32 - EXTERIOR IMPROVEMENTS**

32 05 2	Cement and Concrete for Exterior Improven	aents
32 12 1	Asphalt Paving	
32 17 2	Pavement Markings	
32 17 2	Tactile Warning Surfacing	
32 31 1	Chain Link Fences and Gates	
32 92 0	Turf and Grasses	
32 93 0		

# **DIVISION 33 – UTILITIES**

33-10-00	Water Utilities
33 30 00	Sanitary Sewerage Utilities
33 46 00	Subdrainage

## END OF SECTION 00 00 20