PORT EWEN FIREHOUSE CONSTRUCTION PORT EWEN FIRE DISTRICT ULSTER COUNTY, NY TABLE OF CONTENTS

TECHNICAL SPECIFICATIONS

DIVISION 01 GENERAL REQUIREMENTS

Section	
011200.1	Summary of Work Contract 1G
011200.2	Summary of Work Contract 1E
011200.3	Summary of Work Contract 1H
011200.4	Summary of Work Contract 1P
012100	Allowances
013050	Construction Sequencing
013100	Project Management and Coordination
013300	Submittal Procedures
014000	Quality Requirements
014200	References
015000	Temporary Facilities and Controls
016500	Starting of Systems
017300	Execution
017700	Closeout Procedures
017830	Project Record Documents

DIVISION 02 SITE WORK

<u>Section</u>	
021000	Site Preparation
021150	Care and Protection of Property
021560	Protection of the Environment
021570	Maintenance and Protection of Traffic
022000	Earthwork
022210	Trenching & Excavation
022250	Geotextiles
026100	Pipeline Installation
026150	Ductile Iron Pipe
026600	Hydrostatic Pressure and Leakage Test
027200	Polyvinyl Chloride (PVC) Gravity Pipe System
029250	Vegetative Measures for Erosion Control
029310	Structural Measures for Erosion Control
029500	Dewatering
029840	Site Restoration and Landscaping

DIVISION 03 CONCRETE

Section

031000 Concrete Formwork

032000	Concrete Reinforcement
033000	Cast-in-Place Concrete
033450	Concrete Joints and Finishes
033500	Manholes, Concrete Structures, & Vacuum Testing
036000	Grout

DIVISION 04 MASONRY

Section	
042200	Unit Masonry
042223	Architectural Stone Veneer
042613	Masonry Veneer
047200	Cast Stone Masonry

DIVISION 05 METALS

Section	
051200	Structural Steel Framing
053100	Steel Decking
055000	Metal Fabrications
055113	Metal Pan Stairs
055213	Pipe and Tube Railings

DIVISION 06 WOOD, PLASTIC, AND COMPOSITES

Section	
061636	Wood Panel Sheathing
062023	Interior Finish Carpentry

DIVISION 07 THERMAL AND MOISTURE PROTECTION

Section	
071326	Self – Adhering Sheet Waterproofing
072100	Thermal Insulation
072600	Vapor Retarders
072726	Full Applied Membrane Air Barriers
074293	Soffit Panels
073113	Asphalt Shingles
076200	Sheet Metal Flashing and Trim
078400	Firestopping
079200	Joint Sealants

DIVISION 08 OPENINGS

Section	
081113	Hollow Metal Doors and Frames
081416	Flush Wood Doors
083313	Coiling Counter Doors
083613	Sectional Doors
084113	Aluminum Framed Entrances and Storefronts
085113	Aluminum Windows
087100	Door Hardware
088000	Glazing

DIVISION 09 FINISHES

<u>Section</u>	
092216	Non-Structural Metal Framing
092900	Gypsum Board
093013	Ceramic Tiling
095123	Acoustic Ceiling Tile
096513	Resilient Base and Stair Accessories
096516	Resilient Sheet Flooring
096723	Resinous Flooring
099000	Painting and Coating

DIVISION 10 SPECIALTIES

Section	
101400	Signage
102113.19	Plastic Toilet Components
102213	Wire Mesh Partitions
102239	Folding Panel Partitions
102800	Toilet and Shower Accessories
105129	Phenolic Lockers
105143	Wire Mesh Lockers

DIVISION 11 EQUIPMENT

Section

111111Submersible Pump Package111400Pedestrian Control Equipment

DIVISION 12 FURNISHINGS

Section	
122413	Roller Window Shades
123216	Manufactured Plastic-Laminate-Clad Casework
123616	Metal Countertops
123661.16	Solid Surfacing Countertops
124813	Entrance Floor Mats and Frames

DIVISION 14 CONVEYING EQUIPMENT

Section

142400 Hydraulic Elevators

DIVISION 15 MECHANICAL

Section

153500 General Equipment, Materials, Methods for HVAC and Plumbing

DIVISION 21 FIRE SUPPRESSION

Section

216000 Building Fire Alarm System

DIVISION 22 PLUMBING

Section	
220005	Coordinated Shop Drawings
220007	Codes, Regulations, Standards and Fees
220513	Common Motor Requirements for Plumbing Equipment
220517	Sleeves and Sleeve Seals for Plumbing Piping
220518	Escutcheons for Plumbing Piping
220519	Meters and Gauges for Plumbing Piping
220523	General- Duty Valves for Plumbing Piping
220529	Hangers and Supports for Plumbing Piping and Equipment
220553	Identification for Plumbing Piping and Equipment
220716	Insulation for HVAC and Plumbing
220719	Plumbing Piping Insulation
220800	Commission of Plumbing Systems
221116	Domestic Water Piping
221119	Domestic Water Piping Specialties
221123	Facility Natural Gas Piping
221316	Sanitary Waste and Vent Piping
221319	Sanitary Waste Piping Specialties
223400	Fuel-Fired, Domestic – Water Heaters
224213.13	Water Closets
224213.16	Urinals
224216.13	Lavatories
224216.16	Sinks
224223	Commercial Showers
224500	Emergency Plumbing Fixtures
224716	Pressure Water Coolers
229205	Venting of Gas-Fired Appliances

DIVISION 23 HVAC

Section	
230005	Coordinated Shop Drawings
230007	Codes, Regulations, Standards and Fees
230513	Common Motor Requirements for HVAC Equipment
230515	Adjustable Speed Drivers for HVAC Equipment
230517	Sleeves and Sleeve Seals for HVAC Piping
230518	Escutcheons for HVAC Piping
230523	General Duty Valves for HVAC Piping
230529	Hangers and Supports for HVAC Piping and Equipment
230553	Identification for HVAC Piping and Equipment
230593	Testing, Adjusting, and Balancing for HVAC
230713	Duct Insulation
230719	HVAC Piping Insulation
230720	Refrigerant Piping Insulation
230800	Commissioning of HVAC Systems
230900	BAS Controls and Sequence of Operation
231316	Condensate Piping

232113	Hydronic Piping and Accessories
232123	Hydronic Pumps
232300	Refrigerant Piping
233000	Vehicle Exhaust Extraction System
233012	Duct Cleanliness for New Construction
233013	HVAC Air Duct Cleaning
233113	Metal Ducts
233300	Air Duct Accessories
233313	Loose Dampers
233315	Louvers
233423	HVAC Power Ventilators
233426	Industrial Ceiling Fans
233713	Diffusers, Registers, and Grilles
235216	Condensing Boilers
237200	Energy Recovery Units- Indoor and Outdoor
237202	Heat Recovery Ventilators
237419	Variable Refrigerant Flow (VRF) Systems
238239	Hydronic Baseboard, Cabinet and Unit Heaters
238316	In-Floor Radiant Heating Hydronic System
239205	Venting of Gas-Fired Appliances

DIVISION 26 ELECTRICAL Section

Section	
260122	Primary Wiring 15kV Nominal
260441	Switchboards
260519	Wiring, General – 600 Volts and Under
260526	Service Grounding and Bonding
260529	Hangers and Supports for Electrical Systems
260533	Interior Raceways, Fittings, and Accessories
260533.1	Outlet Junction & Pull Boxes
260533.13	Exposed Conduit for Electrical Systems
260543	Underground Conduit, Ducts and Raceways for Electrical Systems
262416	Panelboards
262726	Wiring Devices
262813	Fuses
262816	Enclosed Circuit Breakers
262816.1	Safety Switches
263213	Electrical Generator Set
263214	Automatic Transfer Switch
265119	Light-Emitting Diode (LED) Fixtures
265213.13	Emergency Lighting – Unit Equipment
265213.16	Exit Light Fixtures
266216	Transformers – Dry Type, Under 600V