TECHNICAL SPECIFICATIONS

TABLE OF CONTENTS

DIVISION 01 – GENERAL

00 43 00 CONTRACTOR WORK PLAN

01 10 00 SUMMARY OF WORK

01 31 00 PROJECT MEETINGS & COORDINATION

01 33 00 SUBMITTAL PROCEDURES

01 35 10 ENVIRONMENTAL PROTECTION

01 45 00 QUALITY CONTROL

01 46 00 SCHEDULE OF SPECIAL INSPECTIONS

01 50 00 TEMPORARY FACILITIES

01 52 00 HEALTH AND SAFETY REQUIREMENTS

01 77 00 PROJECT CLOSE-OUT

01 78 23 OPERATION AND MAINTENANCE (O&M) DATA

01 91 13 EQUIPMENT TESTING AND STARTUP

DIVISION 03 - CONCRETE

03 30 00 CAST-IN-PLACE CONCRETE

DIVISION 04 - MASONRY

04 20 00 UNIT MASONRY

DIVISION 05 – METALS

05 50 00 METAL FABRICATIONS

DIVISION 06 – WOOD, PLASTIC, AND COMPOSITES

06 10 00 ROUGH CARPENTRY

06 16 00 SHEATHING

06 17 53 SHOP-FABRICATED WOOD TRUSSES

06 71 33 FIBERGLASS REINFORCED PLASTIC (FRP) LADDERS

06 82 14 REINFORCED PLASTIC (FRP) PIPE AND TUBE RAILINGS

DIVISION 07 – THERMALS & MOISTURE PROTECTION

07 21 00 THERMAL INSULATION

07 27 26 FLUID-APPLIED MEMBRANE AIR BARRIERS

07 31 13 ASPHALT SHINGLES

07 42 93 METAL SOFFIT PANELS

07 46 33.13 PLASTIC SOFFIT

07 62 00 SHEET METAL FLASHING AND TRIM

07 84 13 PENETRATION FIRESTOPPING

07 92 00 JOINT SEALANTS

DIVISION 08 - OPENINGS

08 16 13 FIBERGLASS (FRP) SPECIALTY DOOR AND FRAMES

08 71 00 DOOR HARDWARE

DIVISION 09 – FINISHES

09 67 23 RESINOUS FLOORING

09 91 00 PAINTING

DIVISION 10 - SPECIALTIES

10 44 16 FIRE EXTINGUISHERS

DIVISION 22 – PLUMBING

22 05 17 SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING

22 05 18 ESCUTCHEONS FOR PLUMBING PIPING

22 05 23.12 BALL VALVES FOR PLUMBING PIPING AND EQUIPMENT

22 05 23.14 CHECK VALVES FOR PLUMBING

22 05 29 HANGERS & SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT

22 05 53 IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT

22 07 19 PLUMBING PIPING INSTALLATION

22 11 16 DOMESTIC WATER PIPING

22 11 19 DOMESTIC WATER PIPING SPECIALITIES

22 12 19 WELDED STEEL TANK

22 33 00 ELECTRIC DOMESTIC WATER HEATERS

22 45 00 EMERGENCY PLUMBING FIXTURES

DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING

23 05 13 COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT

25 05 53 IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT

23 05 93 TESTING, ADJUSTING, AND BALANCING FOR HVAC

23 07 13 DUCT INSTALLATION

23 31 13 METAL DUCTS

23 33 00 AIR DUCT ACCESSORIES

23 34 00 HVAC FANS

23 37 13.23 REGISTERS AND GRILLES

23 73 43.16 OUTDOOR, SEMI-CUSTOM AIR-HANDLING UNITS

23 82 39.19 WALL AND CEILING UNIT HEATERS

23 84 16.16 INDOOR, MECHANICAL DEHUMIDIFICATION UNITS

DIVISION 26 - ELECTRICAL

26 05 00 COMMON WORK RESULTS FOR ELECTRICAL

26 05 19 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

26 05 23 CONTROL-VOLTAGE ELECTRICAL POWER CABLES

26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

26 05 29 HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS

26 05 33 RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

26 05 43 UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS

26 05 44 SLEEVES & SLEEVE SEALS FOR ELECTRICAL RACEWAYS AND CABLING

26 05 53 IDENTIFICATION FOR ELECTRICAL SYSTEMS

26 09 23 LIGHTING CONTROL DEVICES

26 22 13 LOW VOLTAGE DISTRIBUTION TRANSFORMERS

26 24 16 PANELBOARDS

26 27 26 WIRING DEVICES

26 28 16 ENCLOSED SWITCHES AND CIRCUIT BREAKERS

26 29 13.03 MANUAL AND MAGNETIC MOTOR CONTROLLERS

26 29 23 VARIABLE-FREQUENCY MOTOR CONTROLLERS

26 29 23.01 VARIABLE-FREQUENCY MOTOR CONTROLLERS INTEGRAL TO MOTORS

26 32 13.13 DIESEL-ENGINE-DRIVEN GENERATOR SETS

26 36 00 TRANSFER SWITCHES

26 41 13 LIGHTNING PROTECTION FOR STRUCTURES

26 51 19 LED INTERIOR LIGHTING

26 56 19 LED EXTERIOR LIGHTING

DIVISION 27 - COMMUNICATION

27 05 28 PATHWAYS FOR COMMUNICATIONS SYSTEMS

DIVISION 31 - EARTHWORK

31 10 00 SITE CLEARING

31 20 00 EARTH MOVING

31 23 19 DEWATERING

31 50 00 EXCAVATION SUPPORT AND PROTECTION

DIVISION 32 - EXTERIOR IMPROVEMENTS

32 12 16 ASPHALT PAVING

32 13 13 CONCRETE PAVING

32 13 73 CONCRETE PAVING JOINT SEALANT

32 31 19 DECORATIVE METAL FENCES AND GATES

32 92 00 TURF AND GRASSES

DIVISION 33 - UTILITIES

33 05 00 COMMON WORK RESULTS FOR UTILITIES

DIVISION 40 - PROCESS INTEGRATION

40 91 00 PRIMARY PROCESS MEASUREMENT DEVICES

40 96 15 I/O LIST

DIVISION 41, 43 & 50 - PROCESS EQUIPMENT

41 10 02 PROCESS PIPING AND VALVES

43 21 10 WATER MAIN INSTALLATION

43 21 15 HIGH SERVICE PUMPS

43 21 16 RESIDENTIAL PUMPS

43 21 17 HOISTS AND CRANES

43 21 20 WATER MAIN TECHNICAL SPECIFICATIONS

43 32 69 CHEMICAL METERING SYSTEMS

50 01 02 TANK MIXER

50 02 01 HYDROPNEUMATIC TANK (BLADDER TANK)

-- END OF TABLE OF CONTENTS --