

ADDENDUM NO. 3

June 1, 2018

TO

PROJECT MANUAL

FOR

GRAND FORKS WASTEWATER TREATMENT FACILITY

UV DISINFECTION AND DIRECT DISCHARGE

FOR

CITY OF GRAND FORKS

GRAND FORKS, NORTH DAKOTA

CITY PROJECT NO.: 7806

CSWRF PROJECT NO.: 380806-13

AE2S PROJECT NO.: P00105-2017-001

May 2018

This document was originally issued and sealed by Harvey A. Gullicks, PE, Registration Number PE-3935 on

June 1, 2018 and the original documents are stored at the office of Advanced Engineering & Environmental Services, Inc.

The following changes, additions, and deletions are hereby made a part of the Bidding Documents for the **Grand Forks Wastewater Treatment Facility UV Disinfection and Direct Discharge** project as fully and completely as if the same were set forth therein. Acknowledge receipt of this addendum in the space provided on the Bid Form and also on the outside of the Bid envelope. **FAILURE TO DO SO MAY RESULT IN REJECTION OF BID.**

This addendum consists of four (4) pages plus zero (0) attachments.

SPECIFICATIONS

SECTION 01 11 13 – WORK COVERED BY CONTRACT DOCUMENTS

1. **Delete Paragraphs 1.03 A., 1.03 B., and 1.03 C. and Replace with the following revised Paragraphs:**

A. Contract No. 1 – General Construction.

1. All Sections in Division 00 and 01 General Requirements.
2. All Alternates, if any, as determined by the Owner.
3. All Work under Sections within:
 - a. Division 02 – Existing Conditions
 - b. Division 03 – Concrete
 - c. Division 04 – Masonry
 - d. Division 05 – Metals
 - e. Division 06 – Woods, Plastics, and Composites
 - f. Division 07 – Thermal and Moisture Protection
 - g. Division 08 – Openings
 - h. Division 09 – Finishes
 - i. Division 10 – Specialties
 - j. Division 31 – Earthwork
 - k. Division 32 – Exterior Improvements
 - l. Division 33 – Utilities

- m. Division 40 – Process Integration, except Sections 40 91 00, 40 94 43, and 40 95 13.
 - n. Division 41 – Material Processing and Handling Equipment
 - o. Division 43 – Process Gas and Liquid Handling Equipment
 - p. Division 46 – Water and Wastewater Equipment
4. Electrical connections, wiring, and conduit as required for all equipment are included under Contract No. 3.
 5. Plumbing water supply and drain connections as required for all equipment are included under Contract No. 2.
 6. Perform functions of the coordinating Contractor to minimize interfacing conflicts and coordinate the interfacing of work performed under Contract No. 2 and Contract No. 3 with work performed under Contract No. 1.
 7. Construct required openings in cast-in-place concrete, pre-cast concrete, masonry, and other building components and closures of openings associated with the work under Contract No. 1, Contract No. 2, and Contract No. 3. Contractors under Contracts 2 and 3 shall furnish drawings and details directly to Contractor under Contract No. 1 for all openings required for proper installation of their work and will be responsible for the location, size, and adequacy of such openings. Contractor under Contract No. 1 shall provide all forms of openings and closures of openings and shall inform all other Contractors of the schedule of placing concrete, masonry, precast and other building materials.
 8. Furnish and install exterior roofing materials and flashing for wall and roof penetrations required under Contract No. 1, Contract No. 2 and Contract No. 3.
 9. Install supports and accessories associated with the work under Contract No. 2 and Contract No. 3 required to be set in cast-in-place concrete. Contractors under Contract No. 2 and Contract No. 3 shall furnish all anchor bolts, sleeves, inserts, hangers, supports, and accessories required to complete the work under their respective Contracts and shall furnish all setting drawings for such items and be responsible for the installation thereof.
 10. All concrete foundation pads, equipment bases, and curbs required to complete the work included under Contract No. 2 and Contract No. 3. Equipment grouting shall be responsibility of Contractor installing the equipment.
 11. Drawings:
 - a. General Drawings: G
 - b. Civil Drawings: C
 - c. Architectural Drawings: A
 - d. Structural Drawings: S
 - e. Process Drawings: P

B. Contract No. 2 – HVAC and Plumbing Construction.

1. All Sections in Division 00 and 01 General Requirements.
2. Alternate No. 1, if selected, as determined by the Owner.
3. Alternate No. 2 is not applicable to Contract No. 2. Electric unit heaters in Pond Diversion Vault and Valve Manhole to be furnished and installed by Contract No. 3.
4. All Work under Sections within:
 - a. Division 22 – Plumbing
 - b. Division 23 – Heating, Ventilation, and Air Conditioning
5. Electrical connections, wiring, and conduit as required for all equipment are included under Contract No. 3.
6. Provide water supply and drain connections, including water quality station, as required for all equipment under other Divisions.

7. Provide installation of devices specified in sections that are the responsibility of Contractor under Contract No. 3 and are part of piping systems provided under Contract No. 2. Installation shall be coordinated with the instrumentation supplier under Contract No. 3 and performed in accordance with manufacturer's recommendations. Furnishing and electrical connections for these devices will be the responsibility of the Contractor under Contract No. 3.
8. Furnish and coordinate installation with Contractor under Contract No. 1 all anchor bolts, expansion anchors, sleeves, inserts, hangers, supports, and accessories required to be set in cast-in-place concrete for the proper installation of all piping, materials, and equipment to be installed under Contract No. 2. Furnish and install all other anchor bolts, sleeves, inserts, hangers, supports, and accessories required to complete work under Contract No. 2. In accordance with Submittals section, furnish all necessary setting drawings for such bolts, anchors, sleeves, inserts, hangers, and accessories, and be responsible for insuring installation thereof.
9. Provide drawings and details for all openings required in concrete or masonry work for proper installation of work included under Contract No. 2. Furnish these drawings directly to Contractor under Contract No. 1. Contractor under Contract No. 2 shall be responsible for the location, size, and adequacy of all such openings in roofing, concrete, masonry, or other construction in which the openings are installed. Contractor under Contract No. 1 shall provide all forms for openings in concrete or masonry openings and keep Contractor under Contract No. 2 informed as to schedule of placing concrete and masonry.
10. All grouting as required for equipment and materials furnished and installed under Contract No. 2. Contractor under Contract No. 1 shall provide all concrete foundation pads, as required to complete the work included under Contract No. 2.
11. Drawings:
 - a. General Drawings: G
 - b. Mechanical Drawings: M
 - c. Process Drawing: P11
 - d. I&C Drawing: IC2

C. Contract No. 3 – Electrical, Instrumentation, and Controls Construction.

1. All Sections in Division 00 and 01 General Requirements.
2. All Alternates, if any, as determined by the Owner.
3. All Work under Division 26 and Division 40 Sections 40 91 00, 40 94 43, and 40 95 13.
4. All electrical connections, conduit, power and control wiring as required for all equipment in other Divisions.
5. Plumbing water supply and drain connections, including water quality station, as required for all equipment are included under Contract No. 2.
6. Coordinate with Contractor under Contract No. 1 installation of all conduits, cable, pull boxes, junction boxes, and accessories required to be set in cast-in-place concrete to be furnished and installed under Contract No. 3. Contractor under Contract No. 3 shall, in accordance with the Submittals section, furnish all necessary setting drawings for such electrical equipment, conduits, and accessories.
7. Furnish and coordinate installation with Contractor for Contract No. 1 all anchor bolts, expansion anchors, sleeves, inserts, hangers, supports and accessories required to be set in cast-in-place concrete for proper installation of all conduit, cable, materials, and equipment to be installed under Contract No. 3. Furnish

and install all other anchor bolts, sleeves, inserts, hangers, supports, and accessories required to complete work under Contract No. 3. Contractor under Contract No. 3 shall, in accordance with Submittal section, furnish all necessary setting drawings for such electrical equipment, conduit, boxes, bolts, anchors, sleeves, inserts, hangers, and accessories.

8. Provide drawings and details for all openings required in concrete or masonry work for proper installation of work included under Contract No. 3. Furnish these drawings directly to Contractor under Contract No. 1. Contractor under Contract No. 3 shall be responsible for the location, size, and adequacy of all such openings in roofing, concrete, masonry, or other construction in which the openings are installed. Contractor under Contract No. 1 shall provide all forms for openings in concrete or masonry openings and keep Contractor under Contract No. 3 informed as to schedule of placing concrete and masonry.
9. All grouting as required for equipment and materials furnished and installed under Contract No. 3. Contractor under Contract No. 1 shall provide all concrete foundation pads, as required to complete the work included under Contract No. 3.
10. Drawings:
 - a. General Drawings: G
 - b. Electrical Drawings: E
 - c. Instrumentation Drawings: IC

END OF ADDENDUM NO. 3