

**ADDENDUM NUMBER THREE
TO
OAK RIDGE WATER TREATMENT PLANT
CITY OF OAK RIDGE, TENNESSEE**

Addendum Number Three (3) is issued the 11th day of August 2022 to all parties who hold a set of Bid Documents for the above-named project. Each Bidder shall acknowledge receipt of this Addendum on the Bid and shall incorporate all changes in the Bid. This addendum consists of four (4) pages and no attachments.

CLARIFICATIONS

1. We are removing the BABA (Buy American) requirements for the project (See Addendum No. 3 – MODIFICATIONS – CONTRACT DOCUMENTS). Note that American Iron and Steel (AIS) purchasing requirements remain in the project.

QUESTIONS:

1. **Question:** On drawing 350-M-7004 under the Chemical Feed, Fluoride and Sodium Hypochlorite Rooms Sequence of Operations, it is mentioned that there is a Water Heater to be controlled by a temperature sensor and DDC controller to work in conjunction with EF-350-03, 05 & 06, however, the Water Heater Unit number is not identified. What Water Heater is to be part of this Sequence?
Response: Disregard the reference of the space water heater. The spaces are heated by the make-up unit 350-MAU-01. See Addendum No. 3 – MODIFICATIONS - DRAWINGS.
2. **Question:** Same drawing under Mechanical Room Sequence, it is indicated 350-WH-01 is to operate from Control Panel 350-HCP-02, however, it is also indicated that this unit is to also work under control panel 350-HCP-03 as indicated under Main Treatment Area. Will this unit actually work from both control panels or just the one? Please clarify.
Response: 350-WH-01 is to be controlled by 350-HCP-02 only.
3. **Question:** Main Treatment Area Sequence indicates 350-WH-01 thru 12 to operate in conjunction with 350-EF-09 thru 12 and MD-01 thru 08. Should it not be 350-WH-08 thru 12? Please clarify
Response: Yes, 350-WH-08 thru 12 operate in conjunction with 350-EF-09 thru 12 and MD-01 thru 08. See Addendum No. 3 – MODIFICATIONS - DRAWINGS.

MODIFICATIONS:

CONTRACT DOCUMENTS

INSTRUCTIONS TO BIDDERS

REPLACE Paragraph 22.01 with the following:

- 22.01 Owner is exempt from Tennessee state sales and use taxes on materials and equipment to be incorporated in the Work. Said taxes shall not be included in the Bid. Refer to Paragraph 6.10 of the Supplementary Conditions for additional information.

SUPPLEMENTARY CONDITIONS

ADD the following paragraphs to the Supplementary Conditions:

SC-6.10 *Taxes*

- SC-6.10 Add a new paragraph immediately after Paragraph 6.10.A:
- B. Owner is exempt from payment of sales and compensating use taxes of the State of Tennessee and of cities and counties thereof on all materials to be incorporated into the Work.
 - 1. Owner will furnish the required certificates of tax exemption to Contractor for use in the purchase of supplies and materials to be incorporated into the Work.
 - 2. Owner’s exemption does not apply to construction tools, machinery, equipment, or other property purchased by or leased by Contractor, or to supplies or materials not incorporated into the Work.

SC-15.01.E Add the following new paragraph immediately after Paragraph 15.01.E.1.1:

15.01.E.1.m. Overtime worked by Contractor necessitating Engineer, and their officers, directors, members, partners, employees, agents, and other consultants and subcontractors of each, Resident Project Representative or Resident Project Representative’s Site staff, if any, to work extraordinary overtime in accordance with Paragraph 7.02.C. of these Supplementary Conditions. For purposes of administering this requirement, additional extraordinary overtime costs are defined as labor in excess of 40 hours per week, labor for work on holidays, and associated expenses.

15.01.E.1.m.1 Applicable Rates:

Rate Category	Rate
Project Manager	205
Engineer/Consultant 5	180
Engineer/Consultant 3	145
Project Admin Staff 1	100
Construction Manager	190
Resident Project Representative 6	145
Designer/Technician 7 4	155
Expenses	Expenses + 5%

SC 15.04. Add the following new sub-paragraphs immediately after Paragraph 15.04.A.2:

15.04.A.2.a. Any part of the Work must be fully operational and placed in continuous service to be considered substantially complete. Supporting elements of the Work (e.g. electrical and instrumentation and controls systems) must be complete and placed in continuous service for the part Work which is considered substantially complete.

15.04.A.2.b For equipment or treatment processes to be considered substantially complete all successful start-up activities must be completed to include trainings and approved O&M manuals.

15.04.A.2.c For any treatment process to be considered substantially complete, all supporting equipment and processes must be in substantially complete and placed in continuous service. Partial substantial completion will not be granted for individual equipment components of a treatment process for which the equipment is a part.

SC-15.06. Add the following new paragraph immediately after Paragraph 15.06.A.3:

15.06.A.4. In accordance with TCA 4-15-102, before final payment may be made by Owner, Contractor shall furnish evidence that Subcontractors and Suppliers have been fully paid.

SC-15.08 Add the following new paragraph immediately after Paragraph 15.08.E:

15.08.E.1 Warranties for equipment will not start prior to the date of substantial completion as defined by paragraphs 15.03 and 15.04.

DELETE Paragraph SC-19.14 Required Use of American Iron, Steel Manufactured Products, and Construction Materials in its entirety.

SPECIFICATIONS

The following specification section modifications are hereby made a part of the above referenced Project Contract Documents:

Section 33 12 17 Surge Control System

ADD the following after Paragraph 2.03.A.6

7. Tank Heads and Shells shall conform be ASTM A516 Gr. 70.
8. Bladder shall be NSF 61 butyl rubber bladder.
9. Water inside the bladder/compressed air outside the bladder design.
10. Tank outlets shall be equipped with anti-extrusion grids.

Paragraph 2.03.B.1 – REPLACE Elliptical with “Flanged, Flush, 20-inch Circular”

Paragraph 2.03.B.2.b. – ADD One 2-inch Drain to the list of nozzles.

ADD the following after Paragraph 2.07

2.08 PAINTING

- A. Paint the tank with a minimum of 10 mils DFT NSF61 epoxy on the tank interior, and a 3-layer system (zinc primer/epoxy intermediate/polyurethane finish), 10 mils DFT for the exterior as specified in Section 09 90 00, Painting and Coating.

Section 40 27 00.01 Cement Mortar Lined Ductile Iron Pipe and Fittings – Data Sheet

Joints – Proprietary Restrained - After U.S. Pipe ADD “HDSS” to the list of acceptable restrained joint products.

DRAWINGS

The following drawing modifications are hereby made a part of the above referenced Project Contract Documents:

350-M-7004 – Sequence of Operations –

1. Chemical Feed, Fluoride and Sodium Hypochlorite Rooms – General – DELETE the second sentence of this paragraph in its entirety.
2. Main Treatment Area – CHANGE the Space Water Heater numbers from 350-WH-01 thru 12 to “350-WH-8 thru 12”

This Addendum Number Three (3) is issued this the 11th day of August 2022.

Ben Simerl, P.E.

Jacobs

2095 Lakeside Centre Way, Suite 200
Knoxville, Tennessee 37922
ben.simerl@jacobs.com

