

10735 David Taylor Drive Suite 130 Concord, NC 28262 TEL 980.213.0540

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ADDENDUM NO. 5

Date:	January 8, 2024
Project Name:	Coddle Creek WTP Sodium Hypochlorite System Upgrades
Owner:	City of Concord, NC
Owner Bid No.:	2606
Garver Project No.	22W41300

This addendum shall be a part of the Plans, Contract Documents and Specifications to the same extent as though it were originally included therein, and it shall supersede anything contained in the Plans, Contract Documents, and Specifications with which it might conflict. This addendum, including all attachments, shall become part of the Contract and all provisions of the Contract shall apply thereto, with exception of the items listed under "Other Project Information" at the end of this Addendum No. 5, which are supplements provided for the Contractor's convenience. The time provided for completion of the Contract has not been changed as noted in this addendum. Acknowledgement of receipt of this addendum must be noted in the appropriate section of the Bid Form and included with the Contract Documents.

- A. SPECIFICATIONS Volume #1
 - 1. No items for Specifications are included in this addendum.
- B. STANDARD DETAILS Volume #1
 - 1. No items for Standard Details are included in this addendum.
- C. DRAWINGS Volume #1
 - 1. No items for Drawings are included in this addendum.
- D. OTHER PROJECT INFORMATION
 - 1. Responses to General Contractor questions submitted on 01.05.2023 are provided in the included attachment.

Attan Williams By:

Jonathan Williams, P.E. Project Manager



Digitally Signed on 01.08.2024

Attachments: Responses to General Contractor Questions Submitted 01.05.2023

END OF ADDENDUM NO. 5



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Responses to General Contractor Questions Submitted 01.05.2023

- 1. Please provide Fortech scope of supply for materials and services provided by owner under separate contract for contractor to confirm scopes with other suppliers. **RESPONSE: This question has been addressed by Addendum No. 4, previously issued 01.05.2023.**
- Referencing the above, please clarify if the temporary chemical feed facility should be an automated system (requiring SCADA programming to existing plant controls) or a fully independent system that will be operated by the Coddle Creek Plant staff upon the 01 50 00 requirements being met. RESPONSE: Temporary sodium hypochlorite system is to run independent from the current SCADA system by water treatment plant operations.
- 3. Please clarify the intent of the Unit Price item (35 CY of Slab On Grade Concrete). The dimensions provided for the floor slab result in approximately 35 CY of concrete if the floor slab is to be 12" thick. Is this cost to include removal of the entire existing floor slab by means of hydro blasting and then new concrete be poured for the entire floor slab? are other means of demolition permitted instead of hydro blasting if the entire floor slab is to be removed? Will the rebar be required to be replaced as well? Are there any conduit or piping encased in the floor slab or near it that risk being damaged/compromised during slab replacement? RESPONSE: RESPONSE: This Unit Price item is additional quantity for any unforeseen repair work on either the slab of the chemical facility or in the yard where the temporary facility is being installed. This is to be used at the Owner's discretion with any amount not being used credited back to the Owner at the end of the project. As a separate item from the Unit Price item, for specified removal of the existing floor slab, the intent is not to remove the entire existing floor slab. Hydrodemolition was specified because partial depth demolition is anticipated, and we did not want to damage the existing reinforcing steel in the slab. Since the entire slab is not to be demolished, there is no need to replace the existing reinforcing steel. It is not known if there are existing conduits or pipes embedded in the existing slab. However, hydrodemolition should remove the concrete while leaving such embedded items undamaged.
- 4. Reference sheet S101, what is the construction of the North and West walls of the chemical room? Are they CMU, Concrete or some other material? **RESPONSE: The majority of the existing wall construction** is CMU; however, the lower approximately 3'-6" is cast-in-place concrete for the chemical containment area.
- Reference sheet S101, there is a call out for the overhead door to be motorized, whereas the OH Door spec indicates it is to be chain operated. Please clarify how you wish the door to be operated.
 RESPONSE: The specification (08 33 23), in paragraph 2.6.A says to equip the door with manufacturer's standard manual door opener UNLESS ANOTHER TYPE OF OPERATOR WAS INDICATED. Here a motorized operator is indicated. Therefore, use manufacturers standard 120V motor operator.
- 6. Reference sheets P301 & P302, Note 3 on both sheets calls for the "Roof under outlet to have protective coating to prevent corrosion". Please provide approximate square footage of roof to be covered at each outlet. Also, is there a roofing material being covered or is the protective coating being applied directly to precast roof? RESPONSE: Provide 304 stainless steel flat panel with Simpson Titan screws (stainless steel) under sodium hypochlorite tank vents.

- 7. Please confirm that the existing CMU Wall & Concrete Ceiling coating (White Paint) is not intended to be recoated or replaced. **RESPONSE: The existing CMU wall and concrete ceiling coatings are not intended to be recoated, unless damaged, either existing damage or occurring during construction.**
- 8. Please confirm that the Corrosion Protection Coating is not intended to extend any higher than the top of the Concrete Knee walls of the Chemical Room. **RESPONSE: That is correct.**
- 9. Please confirm conduit is not intended to be coated, it appears the existing conduit is not coated at present. RESPONSE: Electrical conduit is to be PVC coated per contract documents; no additional coating necessary.
- 10. Please clarify the extent of CPVC piping to be coated, it appears some is coated, and some is not at present. **RESPONSE: Interior CPVC piping does not require coating.**
- 11. Please clarify if the new chemical tanks are to be field painted. **RESPONSE: Tanks are indoors so no** painting is required. Temporary tanks will need to be protected from the sun by painting or other appropriate coating.