515 N. Main Street | Hinesville, GA 31313
PO Box 649 | Hinesville, GA 31310
912.368.5212
www.mesack.com
ME Sack Engineering
@mesackengineering
mesack

ADDENDUM No. THREE

Date: December 6, 2024

Project: Folkston WWTP Update & Improvements, MES No.2013-36.1

Engineer: M.E. Sack Engineering
Hinesville, Georgia

This addendum will supersede all previously released addenda, with the intent to provide a completely new package. Any particularly noteworthy revisions have been noted. The original plans, specifications, and bid documents are amended to include the following:

Bid Document:

- Replace the previous Bid Document with the Request for Proposals (RFP) linked below. Note that through no fault of the Engineer, the submission forms and requirements have been revised to an RFP format.
  - https://filshare.mesack.com/dl/jII16pf9A9/2013-36.1_RFP.pdf
- Note: The Contract has been revised.
- Note: Supplemental Conditions have been revised.
- Note: General Conditions have been revised, specifically Article 4, Section 4.06; Article 5, Section 5.01; Article 6, Sections 6.07, 6.11, and 6.20; and Article 10, Section 10.01.

Plans:

- Replace the previous plan set with the linked of the same. Note all revisions made through addenda to date are included.
  - https://filshare.mesack.com/dl/XIw5AcQGnG/2013-36_Plan_Set_RFP.pdf
- Note: Revisions were made to the decanter line, including fittings and appurtenances, on Sheets **M7, M8, M10,** and **M11**.
- Note: Revisions were made to the UV system's water elevation on Sheets **G4** and **M15**.
- Note: Revisions were made to the filtration and disinfection riser diagram on Sheet **E-5B**.

Specifications Book:

- Replace the previous specification book with the linked of the same. Note all revisions made through addenda to date are included.
  - https://filshare.mesack.com/dl/otYrKlVLNM/Specifications_Book_RFP.pdf

- Note: Section **01150 Measurement and Payment** was revised to include a line for prison headwork improvement (Screen).
- Note: Section **15560 Tertiary Concrete Filter Pile Cloth** was revised to include a new standard PLC in lieu of MicroLogix 1400 – it is being phased out by Allen Bradley (2.34A).
- Note: Section **15570 Sequencing Batch Reactor** was revised to increase the horsepower of the sludge pump, and a warranty clarification was added (Part 1.07) to match the warranty in section 15560 Tertiary Concrete Filter Pile Cloth, Part 1.03.
- Note: Section **15501 Open Channel Gravity Flow UV System** was revised to enclose the monitoring system in a 304 SS Type 4x panel and have a 12" Beijer HMI (Part 2.02 L.1.f).
- Note: Section **15280 Chemical Feed System** has been revised to clarify flow, pressure, and the number of pumps to be provided (Part 2.01 Pump Specifications).

The following clarifications are offered for questions received. Please note that this will be the last clarification prior to proposal deadline.

1. *Sheet M20 shows two SBR control panels. Is there a reason for that?*
   - No. It is only one control panel, as the specification section 15570 describes.

2. *Sheet M7 shows a 24" electronically operated butterfly valve to be supplied by the SBR manufacturer, but sheet M10, section C-C, reads to be contractor-supplied. Can this be clarified?*
   - The 24" Electronically Operated Butterfly Valve is to be supplied by the SBR manufacturer.

3. *Refer to sheet M15. Is the control panel showing the UV SCC?*
   - The control panel shown is for the pump station. The UV system has its own power distribution panel described in the Specification Section 15501 Open Channel Gravity Flow UV System.

4. *Refer to sheet M15. The UV system SCC and LCP are wall-mounted. Can the contractor provide a uni-strut for mounting each panel?*
   - The plans show the location of the SCC near the influent port. A uni strut shall be provided to install the LCP.

5. *Refer to Section 15501, paragraph 3.05; please confirm if a contractor is responsible for local laboratory costs and coordination.*
   - Yes, the contractor is responsible for local laboratory costs and coordination, and the supplier will provide the procedure and compile the results.

6. *Please confirm if the UV provider is required to provide FAT or SAT protocols for SCC or consider additional onsite days for SAT.*
   - The UV provider is required to provide the FAT protocol for factory assembly equipment and the SAT protocol for SCC installed on the field. The contractor can consider additional days for the SAT protocol.

7. *What are the required pump capacities for each chemical?*
    - It requires pumps with a max capacity of 69.7 gal/hr (1.16 GPM) @ max backpressure and up to 10 ft self-priming capabilities.

8. What is the total number of pump skids required, and the number of pumps per skid?
    - A duplex feed package is required (two metering pumps) per chemical plus a spare.

9. *In the event of a conflict between Specification 15542 Prestressed Concrete Storage Tank and other specifications within the project. Which one shall govern the prestressed concrete tank?*
    - Specification 15542 shall govern the Type II prestressed concrete tank only.

10. *Can the TOW concrete perimeter walkway be lowered 3'-6" to elevation 71.50? This will reduce tank cost by decreasing the side wall height by 6 inches, eliminating the interior perimeter handrail, and reducing the height of the exterior aluminum stair system. What is the required TOW concrete perimeter walkway?*
    - Yes, the perimeter walkway can be lowered to elevation 71.50. The required width of the TOW concrete perimeter walkway is 3 ft.

11. *Plan Sheet M16, Section View, illustrates the exterior aluminum stair system being attached to the tank wall. Please confirm whether the tank will be required to support the stair system or if it shall be a stand-alone independent stair system.*
    - Due to the exterior TOW concrete perimeter walkway, the stairs must be stand-alone independent stair systems not supported by the tank. The stair system and platforms shall be supported from finished-grade concrete support pads.

12. *Specification 15542, Section 2.10C, requires a fiberglass interior ladder with a safety rail. However, Plan Sheet M16 does not show an interior ladder for the prestressed concrete tank. Please confirm if an interior ladder is required.*
    - An interior ladder is required for maintenance.

13. *Please confirm that the prestressed concrete tank shall receive two coats of Tnemec Series 156 Enviro-Crete for the exterior coatings.*
    - The exterior coating shall receive two coats of Tnemec Series 156 Enviro-Crete or an approved similar.

14. *There is no mention of any flood or groundwater design elevations. Please confirm that the tank will not be required to be designed for any hydrostatic uplift.*
    - The tank will not be located in a flood area; therefore, it is not required to be designed for any hydrostatic uplift.

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