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Change Order #9

DATE OF ISSUANCE: **03/05/2024**

EFFECTIVE DATE: **Effective on Funding Agency Approval**

OWNER: **City of Gladstone, MI**
CONTRACTOR: **Staab Construction Corporation**
CONTRACT: **SRF Project #5727-01**
PROJECT: **Gladstone, MI Wastewater Treatment Plant Improvements**
OWNER'S CONTRACT NO. **21-0210**
ARCHITECT/ENGINEER'S CONTRACT NO. **21-0210**
ARCHITECT/ENGINEER **C2AE, Escanaba & Lansing, MI**

You are directed to make the following changes in the Contract Documents:
Description: **See Items below.**

Reason for Change Order: **See Items below.**

Attachments: **Bulletin #17 with Contractor Change Order Requests 1 through 6 signed, and Staab quotes dated 02/09/2024; Change Order #2, dated 12/05/2022.**

CHANGE IN CONTRACT PRICE:
Original Contract Price \$17,743,000.00
Net Increase from previous Change Orders No 1 to 8 \$263,568.00
Contract Price prior to this Change Order: \$18,006,568.00
Net Decrease of this Change Order: \$(1,594.00)
Contract Price with all approved Change Orders: \$18,004,974.00

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: April 15, 2024 Ready for final payment: June 24, 2024
Net change from previous Change Orders No. 1 to No. 8: Substantial Completion: 3 Months Ready for final payment: 2 Months
Contract Times prior to this Change Order: Substantial Completion: July 15, 2024 Ready for final payment: August 15, 2024
Net increase (decrease) this Change Order: Substantial Completion: None Ready for final payment: None
Contract Times with all approved Change Orders: Substantial Completion: July 15, 2024 Ready for final payment: August 15, 2024

RECOMMENDED:

By: 
ARCH/ENGR (Authorized Signature)

Date: 03/05/2024

APPROVED:

By: _____
OWNER (Authorized Signature)

Date: _____

ACCEPTED:

By: _____
CONTRACTOR (Authorized Signature)

Date: _____

1. Bulletin #17:

- a. **B17.1 Modifications to the NPW Service Water – Deleting Pump Seal Water Piping.** For the NPW service water, delete seal waters and all associated appurtenances to connect seal water to the following pumping systems: Grit slurry pumping, sludge mixing pumps, and sludge recirculation pumps. See Sheets PPP-201 and PPP-201 (not reissued).

Reason: Pumping systems were designed to accommodate several pump manufacturers that may have required seal water. The selected pumps for all pumping systems do not require seal water.

Decrease the contract in the amount of: \$(1,343.00)

- b. **B17.2 Modifications to the FEW System – Revised Equipment Flushing Connections.** Delete hard plumbed flushing connections for the equipment within the following rooms/areas:
- Boiler Room – Spiral heat exchanger and sludge recirculation pumps.
 - Low level treatment room – grit slurry pump flushing connections.
 - Headworks and Primary Treatment Room – Grit classifier located on the platform.

Add a single 1.5" wall hydrant and valve, with NST threads to allow for a fire hose connection within the following room areas:

- Boiler Room.
- Low level treatment room, adjacent to the grit slurry pumps.
- Headworks and Primary Treatment Room – Near the grit classifier.

The final location of the wall hydrants is to be located with verification of the Owner/Engineer. Retain FEW waters to the fine screen washing solenoids. See Sheets PPP-201 and PPP-203 (not reissued).

Reason: Per Owner request the flushing connections were simplified to a hose bib on the wall, as opposed to installing several hard pipe connections.

Increase the contract in the amount of: \$2,358.00

- c. **B17.3 Connect Existing Yard Hydrant Adjacent to the Sludge Storage Tanks to the NPW System.** Upsize the 1" NPW drop near the dual fired sludge boiler to 2", connect the existing yard hydrant 2" line and reduce to 1" to feed the garage. See sketch of PPP-201 on Bulletin 17 (attached) for more detail.

Reason: To maintain operation of the existing yard hydrant, with sufficient pressure required upsizing the pipe.

Increase the contract in the amount of: \$2,139.00

- d. **B17.4 Gas Pressure Reducing Station to Service Existing Garage and Waste Gas Flare.** Provide additional gas pressure reducing station with isolation valve to service the existing 1.25" garage line and proposed ¾" waste gas flare pilot line, as shown in SD 217 comments.

Reason: Due to the high pressure service required for the dual fired boiler a pressure reducing station servicing the pilot line for the flare and to maintain service to the garage is required.

Increase the contract in the amount of: \$1,074.00

- e. **B17.5 Existing Service Building Electrical Room Floor Sink Deletion.** Delete FS-1 within the Electrical Room (116). Route air handling drain line and NPW (service water) backflow preventor relief line to the existing floor drain within the Electrical Room. See Sheets PPP-202 and PP-801 (not reissued).

Reason: Site conditions varied from existing record plans, condensation lines are to be routed to a nearby floor drain.

Decrease the contract in the amount of: \$(604.00)

- f. B17.6 **Heat Tape Modifications.** Delete heat tape and associated conduits and conductors for the three 6" roof drain down spouts north of the existing primary settling tank. Refer to Sheet PPW-201 (not reissued). Delete heat tape and associated conduits and conductors for the scum line mounted between PST No. 1 and No. 2. Refer to Sheet E-301 (not reissued).

Reason: The Owner selected additive alternate 1 was selected which provided a tempered structure over the primary settling tank, thus eliminating the need to protect buried lines with heat tape.

Decrease the contract in the amount of: \$(1,707.00)

2. Change Order #2, **Item 1, Article f:**

- a. B2.12: Delete the Electrical Installation for the Motorized Drip Traps

Reason: Bulletin B2.12 was previously approved in Change Order #2 Item 1, Article f. Subsequently, the Owner elected to have manual operated drip traps throughout the entire WWTP.

Decrease the contract in the amount of: \$(3,511.00)

TOTAL **\$(1,594.00)**