



Escanaba, MI Lansing, MI
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 P: 866.454.3923 www.c2ae.com

Change Order #7

DATE OF ISSUANCE: **10/31/2023**

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**

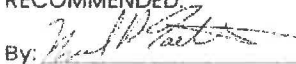
You are directed to make the following changes in the Contract Documents:
 Description: **See items below.**

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

Attachments: (List documents supporting change) **Bulletin #14, with Contractor Change Order Requests 1 through 5 signed and Staab quotes dated 10/30/2023**

CHANGE IN CONTRACT PRICE:
Original Contract Price
\$17,743,000.00
Net Increase from previous Change Orders No. 1 to 6:
\$170, 528.00
Contract Price prior to this Change Order:
\$17,913,528.00
Net increase of this Change Order:
\$66,842.00
Contract Price with all approved Change Orders:
\$17,980,370.00

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. 6:
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: 10/31/2023

APPROVED:
 By: _____
 OWNER (Authorized Signature)
 Date: _____

ACCEPTED:
 By: _____
 CONTRACTOR (Authorized Signature)
 Date: _____

1. Bulletin #14:

- a. **B14.1 Add entrance slab at Primary Settling Tank No. 1 enclosure.** Add entrance slab at east door. Refer to Sheets S-306 and S-803 (reissued).

Reason: Additional entrance slab at exit door added to improve access from door included in Additive Alternate Number 1.

Increase the contract in the amount of: \$4,646.00

- b. **14.2 See modifications at Final Settling Tanks and Influent Split Structure.**
- Add chain across walkway of existing Final Settling Tanks Refer to Sheet S-502 (reissued).
 - Add concrete partition wall extension and aluminum grating on east trough of existing Final Settling Tanks. Refer to Sheets S-502 and S-503 (reissued).
 - Add concrete stair with aluminum handrails on both sides, revise railing layout, and add concrete sidewalk to Influent Split Structure. Refer to Sheets S-502, S-503, S-504, S-803, C-102 (reissued).

Reason: Grading changes required installation of additional grating and safety chain to provide access to the top of the Final Settling Tanks and access to the Scum Trough on FST number 3 to allow for maintenance. The stairway and handrails are required due to the grading changes.

Increase the contract in the amount of: \$39,440.00

- c. **B14.3 Remove railing on Chlorine Contact Tank.** Remove railing on west side of tank. Railing not required due to grade elevation. Refer to Sheet S-601 (reissued).

Reason: Grade was modified to allow the tank to serve as guardrail, no longer requiring rail.

Decrease the contract in the amount of: (\$944.00)

- d. **B14.4 Modification to proposed chemical feed and sample points within the yard. Refer to Sheet C-103 (reissued).**
- All lines mentioned below are to be schedule 80 PVC. All lines shall extend from the Service Building basement, see the reissued C-103 for more details.
 - Add 1" chlorine solution line to Junction MH B, with new chemical diffuser inject quill per detail on Sheet P-802, and add 1/8" vacuum break hole above water service elevation on chemical diffuser detail (not reissued).
 - Add 3-1" chemical feed lines to the effluent well of the MBBR tank. Pipes shall extend over the wall and penetrate through the grating. Provide two (2) independent strands of heat tape, insulation, and metal jacket for each line.
 - Retain three (3) lines as depicted in the original bidding documents to the FST Flow Split Structure, existing Chlorine Contact Tank, and existing Outfall Manhole. All lines are to be capped in the yard adjacent to their associated structures.

Reason: Per Owner request the chemical feed points were modified to ensure chemical solution mixing with process water, while retaining base bid chemical lines to serve as future provisions.

Increase the contract in the amount of: \$18,762.00

- e. **B14.5 Modifications to the site plan. Note triangled changes throughout the reissued Sheet.**
- Refer to revised Sheet C-102 for more detail on modifications to the site plan (reissued).
 - Delete three (3) strands of barbed wire and remove anti-climb accessories, provide post caps for 6' fencing. See detail on Sheet C-104 (not reissued). Adjust alignment per reissued Sheet. Adding approximately 304 LF of fencing and 24' double leaf swing gate for the east entrance.
 - Delete approximately 80 LF of concrete sidewalk north of the Administration Building.
 - Adjust the location of the gas handling equipment flare.
 - Add one (1) additional parking space.
 - Add 25' of concrete sidewalk from the PST No. 1 to the sludge boiler room door.
 - Add 35' of concrete sidewalk from the Administration Building south, extending beyond the loading dock.
 - Adjust elevation of concrete apron adjacent to the sludge boiler room door and along east wall of the service building.
 - Adjust grading elevations around FST and Chlorine Contact Tanks.

Reason: Per Owner request the site plan was modified to ensure operators will have access to all areas of the facility. The waste gas flare was positioned further away from any existing structure, requiring the fencing to shift.

Increase the contract in the amount of: \$21,938.00

2. Contract Allowances Specification 012100:

a. **Delete Allowance #2 for Electrical Service Installation by Utility Owner as stated on the Bid Form.**

Reason: Work performed by City Electrical Department.

Decrease the contract in the amount of: (\$17,000.00)

