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P: 866.454.3923    www.c2ae.com

# Change Order #12

DATE OF ISSUANCE: **09/17/2024**

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**

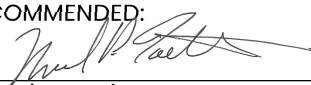
You are directed to make the following changes in the Contract Documents:  
Description: **See Items below.**

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

Attachments: **Bulletin #21 with Contractor Change Order Requests 1 through 2, signed and Staab quotes dated 08/08/2024; Bulletin #22 with Contractor Change Order Requests 2 and 3, signed and stab quotes dated 08/16/2024; Contractor (Staab) Email Correspondence regarding Videorecording, dated 08/30/2024; Work Change Directive 15 signed by Owner.**

| CHANGE IN CONTRACT PRICE:  |
|--|
| Original Contract Price<br><b>\$ 17,743,000.00</b>   |
| Net Increase (Decrease) from previous Change Orders No. <b>1 to 11</b> :<br><b>\$ 284,158.25</b> |
| Contract Price prior to this Change Order:<br><b>\$ 18,027,158.25</b>                            |
| Net increase of this Change Order:<br><b>\$ 19,742.00</b>  |
| Contract Price with all approved Change Orders:<br><b>\$ 18,046,900.25</b>                       |

| CHANGE IN CONTRACT TIMES:  |
|--|
| Original Contract Times:<br>Substantial Completion: <b>April 15, 2024</b><br>Ready for final payment: <b>June 24, 2024</b>   |
| Net change from previous Change Orders No. <b>1 to 11</b> :<br>Substantial Completion: <b>5 Months and 12 Days</b><br>Ready for final payment: <b>3 Months and 10 Days</b> |
| Contract Times prior to this Change Order:<br>Substantial Completion: <b>September 27, 2024</b><br>Ready for final payment: <b>October 4, 2024</b>                         |
| Net increase (decrease) this Change Order:<br>Substantial Completion: <b>3 Months.</b><br>Ready for final payment: <b>3 Months.</b>  |
| Contract Times with all approved Change Orders:<br>Substantial Completion: <b>December 27, 2024</b><br>Ready for final payment: <b>January 4, 2025</b>                     |

RECOMMENDED:  
By:   
ARCH/ENGR (Authorized Signature)  
Date: 09/17/2024

APPROVED:  
By: \_\_\_\_\_  
OWNER (Authorized Signature)  
Date: \_\_\_\_\_

ACCEPTED:  
By: \_\_\_\_\_  
CONTRACTOR (Authorized Signature)  
Date: \_\_\_\_\_

1. Bulletin #21:

- a. B21.1 **Add emergency chlorination chemical carrier water to NPW system.** Provide piping and associated fittings with gas tight pipe penetration into the chlorine room for the addition of 1.5" Schedule 80 CPVC chlorine solution carrier water upstream of the chlorine gas injection system. The piping shall connect to the existing piping before the strainer with a tee and isolation valves for the new NPW line and existing FEW line. See Sheet PPP-202 (not reissued) and sketch below.

Reason: Per Owner request, the addition of emergency chemical carrier water to maintain disinfection operation if a power failure occurs.

Increase the contract in the amount of: **\$3,140.00**

- b. B21.2 **Replacement of the alum and polymer rotameters.** Replacement of the existing alum and polymer rotameters, isolation valves, and piping as needed. See Sheet G-107 (not reissued) and associated sketch below.

Reason: The Owner requested replacement of faulty chemical feed equipment.

Increase the contract in the amount of: **\$5,184.00**

2. Bulletin #22:

- a. B22.2 **Replace the failed mud valves within the Chlorine Contact Tank.** Replace the 6" mud valves within the north and south chlorine contact tank chambers. Field verify the valves. See Sheet P-601 (not reissued).

Reason: Per Owner request, the replacement of failing mud valves within the chlorine contact tank.

Increase the contract in the amount of: **\$5,615.00**

- b. B22.3 **Addition of sludge line valve to the 6" RS Line.** Remove and replace 4 LF of 6" DIP sludge piping along with installation of Owner supplied 6" plug valve. See attached sketch below of P-706. Refer to Sheet P-706 (not reissued).

Reason: Per Owner request, the addition of an isolation valve for the sludge lines to allow for returning sludge and sludge transfer simultaneously.

Increase the contract in the amount of: **\$2,522.00**

3. Email from Contractor (Chris Bever, Staab Construction Corporation):

- a. Email from Chris Bever, Staab Construction Corporation, dated 08/30/2024 **Smith & Loveless Credit for Videorecording.** Staab requested a credit out of Smith & Loveless for \$2,000 to not do the videorecording. They did not bite and had no counter value offered, however offered to do a video at their shop with a similar piece of equipment. They still would want an agreement signed. Staab told them the following: "Needs to be edited to be applicable to the situation. S&L will be making the video and providing a USB. S&L will have to provide "labeling" within the video itself as cannot be written on a USB and the title of the file will likely be changed to format with the rest of the video being turned over to the engineer/owner. Most items are not applicable and should be deleted." They seemed to be onboard with tweaking the language and/or deleting some items. Do you find this to be a potential resolution? If not, **I (Staab) am willing to offer \$1,000 to skip the video** and put this to rest.

Reason: The Contractor offered a credit to omit a televised training session for the installed grit equipment.

Decrease the contract in the amount of: **\$(1,000.00)**

4. Work Change Directive 15:

- a. **Modification of the proposed site plan as shown in the attached site plan, C-102.** The asphalt drive along the west end of the site is to receive a 3' wide gravel shoulder consisting of MDOT 23A.

Reason: To better accommodate chemical delivery drivers and to protect the integrity of the asphalt drive shoulders, additional gravel was added to the drive shoulders.

Increase the contract in the amount of: **\$4,281.00**

**TOTAL** **\$19,742.00**