



☒ Escanaba, MI    ☒ Lansing, MI  
☐ Gaylord, MI    ☐ Canton, NY  
☐ Grand Rapids, MI    ☐ Syracuse, NY  
P: 866.454.3923    www.c2ae.com

# Change Order #14

DATE OF ISSUANCE: **11/20/2024**

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: **WCD 16 with stated Attachments dated 10/09/2024 and Staab's signed change order request dated 10/28/2024.**

CHANGE IN CONTRACT PRICE:
Original Contract Price <b>\$17,743,000.00</b>
Net Increase from previous Change Orders No. <b>1 to 13</b> : <b>\$452,201.25</b>
Contract Price prior to this Change Order: <b>\$18,195,201.25</b>
Net increase of this Change Order: <b>\$33,868.00</b>
Contract Price with all approved Change Orders: <b>\$18,229,069.25</b>

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: <b>April 15, 2024</b> Ready for final payment: <b>June 24, 2024</b>
Net change from previous Change Orders No. <b>1 to No 13</b> : Substantial Completion: <b>8 Months and 12 Days</b> Ready for final payment: <b>6 Months and 10 Days</b>
Contract Times prior to this Change Order: Substantial Completion: <b>December 27, 2024</b> Ready for final payment: <b>January 4, 2025</b>
Net increase this Change Order: Substantial Completion: <b>3 Months</b> Ready for final payment: <b>4 Months</b>
Contract Times with all approved Change Orders: Substantial Completion: <b>March 26, 2025</b> Ready for final payment: <b>May 5, 2025</b>

RECOMMENDED:

By:   
ARCH/ENGR (Authorized Signature)

Date: **11/20/2024**

APPROVED:

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

Date: \_\_\_\_\_

ACCEPTED:

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

Date: \_\_\_\_\_

1. Work Change Directive (WCD) 16:

- a. **WCD 16 Install 2 (two) sample pumps, one each for the Raw Sewage (RS) and Primary Effluent (PE) sampler applications.** Both pumps are to be wall mounted, see the revised Sampling Schematic, on Sheet G-106 and Sheet P-201 for location of the pumps. RS and PE lines shall be connected to the sampler unit located within the laboratory sampler closet. Sample pumps are Gorman-Rupp, 11 1/2A-B, 1.5 in pumps, or equal with 1750rpm, 0.5HP, 460V, 3-phase TEFC motors.

Provide two size 0 minimum, NEMA 12 enclosed combination motor starters for the sample pumps. Provide each starter with either a 15A/3P circuit breaker or a fusible switch fused at 2A. Provide each starter with an Off-On two position selector switch and green push-to-test LED running light. Wall mount the starters adjacent to the sample pumps.

Provide 480v/3ph power to the two motor starters from a spare 60A circuit breaker in MCC-B. Route ¾" C, 3#6, 1#10G from the MCC to the starters; utilize this circuit to power both pumps. Provide ¾" C, 3#12, 1#12G for connection from the motor starter to the pumps.

Attachments: G-106 and P-201 (reissued); Gorman Rupp Specification Sheet.

Reason: To ensure reliable sampling, the addition of sample pumps were added. The previous design intended for the Raw Sewage and Primary Effluent Pumps to bring waters to the samplers; with independent samplers drawing from the wet wells, a sample may be collected when the other pumping systems are off.

Increase the contract in the amount of: \$33,868.00

**TOTAL: \$33,868.00**

**WORK CHANGE DIRECTIVE NO.: Sixteen (16)**

Owner:	<b>City of Gladstone, MI</b>	Owner's Project No.:	<b>21-0210</b>
Engineer:	<b>C2AE, Escanaba &amp; Lansing, MI</b>	Engineer's Project No.:	<b>21-0210</b>
Contractor:	<b>Staab Construction</b>	Contractor's Project No.:	-----
Project:	<b>Gladstone, MI, Wastewater Treatment Plant Improvements</b>		
	<b>SRF No. 5727-01</b>		

		Effective Date of Work Change	
Date Issued:	<b>October 09, 2024</b>	Directive:	<b>October 09, 2024</b>

Contractor is directed to proceed promptly with the following change(s):

Description: Install 2 (two) sample pumps, one each for the Raw Sewage (RS) and Primary Effluent (PE) sampler applications. Both pumps are to be wall mounted, see the revised Sampling Schematic, on sheet G-106 and sheet P-201 for location of the pumps. RS and PE lines shall be connected to the sampler unit located within the laboratory sampler closet. Sample pumps are Gorman-Rupp, 11 1/2A-B, 1.5 in pumps, Or Equal with 1750rpm, 0.5HP, 460V, 3-phase TEFC motors.

Provide two Size 0 minimum, NEMA 12 enclosed combination motor starters for the sample pumps. Provide each starter with either a 15A/3P circuit breaker or a fusible switch fused at 2A. Provide each starter with an Off-On two position selector switch and green push-to-test LED running light. Wall mount the starters adjacent to the sample pumps.

Provide 480V/3ph power to the two motor starters from a spare 60A circuit breaker in MCC-B. Route 3/4"C, 3#6, 1#10G from the MCC to the starters; utilize this circuit to power both pumps. Provide 3/4"C, 3#12, 1#12G for connection from the motor starter to the pumps.

Attachments: G-106 and P-201 (reissued). Gorman Rupp Specification Sheet.

Purpose for the Work Change Directive:

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

☐ Non-agreement on pricing of proposed change. ☒ Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$ \_\_\_\_\_

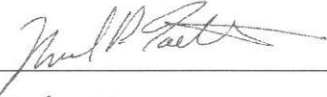
Contract Time: 0 \_\_\_\_\_ days

Basis of estimated change in Contract Price:

☒ Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

Recommended by Engineer

By:



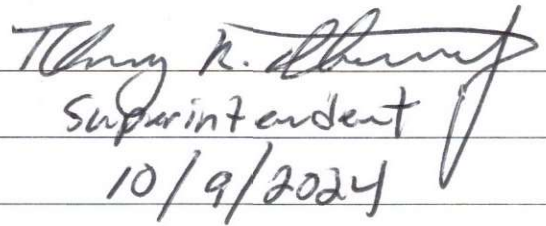
Title:

Project Manager

Date:

October 09, 2024

Authorized by Owner

  
Superintendent  
10/9/2024