



## Legislation Details (With Text)

**File #:** 2024-210      **Version:** 1      **Name:**  
**Type:** Resolution      **Status:** New Business  
**File created:** 5/20/2024      **In control:** Board of Directors  
**On agenda:** 6/26/2024      **Final action:**  
**Title:** Proposed Change Order No. 3  
Contract No. 2002190  
Rehabilitation of Ferric Chloride Feed Systems and Sludge Liner  
CIP #211008 / BCE Score: 78.3  
**Sponsors:** Navid Mehram  
**Indexes:** Wastewater Operations  
**Code sections:**  
**Attachments:**

Date	Ver.	Action By	Action	Result
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**Proposed Change Order No. 3**  
**Contract No. 2002190**  
**Rehabilitation of Ferric Chloride Feed Systems and Sludge Liner**  
**CIP #211008 / BCE Score: 78.3**

Agenda of: June 26, 2024  
Item No.: **2024-210**  
Amount: Original Contract \$9,839,000.00  
Change Order No. 1 0.00  
Change Order No. 2 300,000.00  
Proposed Change Order No. 3 0.00  
Total Contract Amount \$10,139,000.00

**TO:** The Honorable  
Board of Directors  
Great Lakes Water Authority

**FROM:** Suzanne R. Coffey, P.E.  
Chief Executive Officer  
Great Lakes Water Authority

**DATE:** May 20, 2024

**RE:** **Proposed Change Order No. 3**  
**Contract No. 2002190**  
**Rehabilitation of Ferric Chloride Feed Systems and Sludge Lines**

**Vendor: Weiss Construction Co., LLC**

**MOTION**

Upon recommendation of Navid Mehram, Chief Operating Officer - Wastewater Operating Services, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Chief Executive Officer (CEO) to **enter into Contract No. 2002190, Proposed Change Order No. 3, “Rehabilitation of Ferric Chloride Feed Systems and Sludge Lines” with Weiss Construction Co., LLC, with no increase in cost for a total cost not to exceed \$10,139,000.00 and an increased duration of 183 days for a total duration of 1,348 days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

**BACKGROUND**

On April 5, 2021, GLWA issued the notice to proceed with Contract No. 2002190, to Weiss Construction Co., LLC. The project is intended to improve reliability of the ferric chloride feed system at Pump Station No. 1 and the Thickened Waste Activated Sludge (TWAS) piping between Complex B and Complex A at the Water Resource Recovery Facility. The scope of work includes replacement of the existing ferric chloride feed system with new pumps and appurtenances, new ferric chloride storage tank and appurtenances, as well as modification and chemical cleaning of the TWAS pipeline from Complex B to Complex A.

The original agreement required substantial completion of the project on October 7, 2022, and final completion of the project on April 5, 2023.

The first two change orders added additional contractual time for completion of the work and added funds for unforeseen conditions encountered during construction. Items resulting in delays included obtaining a permit from Conrail for the work beneath the train tracks and for additional time required to perform contractual cleaning of the TWAS pipe.

As of this letter, the TWAS line has been successfully cleaned and brought back into operation after many rounds of cleaning beyond what was originally anticipated. The current contractual substantial and final completion dates of the contract are June 8, 2023, and June 12, 2024.

**JUSTIFICATION**

Based on the status of the project, the project will not achieve the final completion milestone by June 12, 2024. There have been several factors attributed to delays in completion of the work, one major one being the multiple iterations of the TWAS cleaning effort. Additionally, final building inspection needs to be completed, deficiency items need to be resolved, miscellaneous site work, as well as the final closeout paperwork to follow. It is the GLWA's engineering recommendation to extend the contract time at no additional cost to properly close out the project and complete the ongoing work.

**PROJECT MANAGEMENT STATUS**

Original Contract Time	731 days (04/05/2021 - 04/05/2023)
Change Order No. 1	244 days (04/06/2023 - 12/05/2023)
Change Order No. 2	190 days (12/06/2023 - 06/12/2024)
Proposed Change Order No. 3	183 days (06/13/2024 - 12/12/2024)

New Contract Time 1348 days (04/05/2021 - 12/12/2024)

**PROJECT ESTIMATE**

Original Contract Price	\$9,639,000.00
Change Order No. 1	0.00
Change Order No. 2	300,000.00
Proposed Change Order No. 3	0.00
New Contract Total	\$10,139,000.00

**FINANCIAL PLAN IMPACT**

**Summary:** Sufficient funds are provided in the financial plan for this project.

**Funding Source:** Sewer Construction Fund

**Cost Center:** Wastewater

**Expense Type:** Construction (5421-892211.000-616900-211008)

**Estimated Cost by Year and Related Estimating Variance:** See table below.

Original Contract Price	\$9,839,000.00
Change Order No. 1:	0.00
Change Order No. 2:	300,000.00
Proposed Change Order No. 3:	<u>0.00</u>
New Contract Total:	\$10,139,000.00
Amended Financial Plan Estimate:	\$10,139,000.00
Estimating Variance:	0.00

**COMMITTEE REVIEW**

This item is being presented directly to the GLWA Board of Directors.

**SHARED SERVICES IMPACT**

This item does not impact the shared services agreement between GLWA and DWSD.