



Legislation Details (With Text)

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Title: Proposed Change Order No. 2
Contract No. GLWA-CON-297
Fairview Sewage Pump Station Improvements
CIP# 232001

Sponsors: Cheryl Porter, Grant Gartrell

Indexes: Water Operations

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
12/8/2021	1	Board of Directors Workshop Meeting	Approved	Pass
12/8/2021	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Change Order No. 2
Contract No. GLWA-CON-297
Fairview Sewage Pump Station Improvements
CIP# 232001

Agenda of: December 8, 2021
Item No.: **2021-471**
Amount: Original Contract \$28,891,000.00
Change Order No. 1 3,654,540.00
Proposed Change Order No. 2 2,561,117.55
Total Revised Contract \$35,106,657.55

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: December 1, 2021

RE: Proposed Change Order No. 2
Contract No. GLWA-CON-297
Fairview Sewage Pump Station Improvements
Vendor: Weiss Construction Co., LLC

MOTION

Upon recommendation of Cheryl Porter, Chief Operating Officer - Water and Field Services, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Interim Chief Executive Officer (ICEO) to **enter into Contract No. GLWA-CON-297 Proposed Change Order No. 2 “Fairview Sewage Pump Station Improvements” with Weiss Construction Co., LLC, at an increased cost of \$2,561,117.55 for a total cost not to exceed \$35,106,657.55, and an increased duration of 135 days for a total duration of 1,309 days;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

Contract No. CON-297 is a construction contract that involves comprehensive improvements to the Fairview Sewage Pump Station. The construction work associated with this contract is nearly completed with all the new sewage pumping units having been installed and successfully placed into operation. The remaining work at the station generally involves completing improvements such as architectural, building mechanical, and control system integration work.

Additional work was required under the contract due to the regional flood events that occurred in June and July 2021. The provisional allowance was utilized for flood restoration work that required replacement of electrical cables for the raw sewage pumps, replacement of instrumentation including wiring, replacement of the fire alarm system, replacement of lighting, HVAC cleaning, facility cleanup, and disinfection. New work that is proposed to be added to this contract via this change order includes restoration of the station’s operating flooring, rehabilitation of the south stop log chamber, outfall and inlet gate structure, and repaving Parkview Drive in the vicinity of the construction site. Furthermore, this proposed change order seeks to increase the provisional allowance amount in case additional necessary work is needed to complete the station improvements.

Lastly, this proposed change order requests that the contract time be extended to change the dates for substantial and final completion to April 29, 2022 and August 8, 2022, respectively. The additional contract time will afford the contractor enough time to complete all remaining and additional work requested in the proposed change order.

JUSTIFICATION

The flooding events that occurred in June and July of this year caused damage to the station that required restoration of replacement of electrical cables for the raw sewage pumps, replacement of instrumentation including wiring, replacement of the fire alarm system, replacement of lighting, HVAC cleaning, facility cleanup, and disinfection to the facility. After meeting with EGLE, it was determined additional work associated with the stop logs and outlet chamber is required for future emergency use. Additional structural work is required to the inlet gate chamber to allow the new gate to seal. This was found during the construction phase with the bypass pumping under this contract. Additionally, the adjacent road, Parkview Drive, has been heavily worn as part of this construction project and, therefore, should be repaved.

PROJECT MANAGEMENT STATUS

Original Contract Time 950 days (01/07/2019 - 08/13/2021)

Change Order No. 1	224 days	(08/14/2021 - 03/25/2022)
Proposed Change Order No. 2	135 days	(03/26/2022 - 08/08/2022)
New Contract Time	1,309 days	(01/07/2019 - 08/08/2022)

PROJECT ESTIMATE

Original Contract Price	\$28,891,000.00
Change Order No. No. 1	3,654,540.00
Proposed Change Order No. 2	2,561,117.55
New Contract Total	\$35,106,657.55

FINANCIAL PLAN IMPACT

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

Funding Source: Wastewater Construction Fund

Cost Center: Wastewater Field Engineering

Expense Type: Construction (5421-892211.000-616900-232001)

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

Original Contract Price	\$28,891,000.00
Change Order No. 1	3,654,540.00
Proposed Change Order No. 2	<u>2,561,117.55</u>
New Contract Total	35,106,657.55
Amended Financial Plan Estimate	<u>32,546,000.00</u>
Estimating Variance	(\$2,560,657.55)

A budget amendment will be prepared to fund the negative estimating variance from capital reserves associated with this Proposed Change Order No. 2.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on December 8, 2021. The Operations and Resources Committee unanimously recommended that the GLWA Board adopt the resolution as presented.

SHARED SERVICES IMPACT

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