



Legislation Details (With Text)

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On agenda: 1/25/2023 **Final action:** 1/25/2023

Title: Proposed Change Order No. 3
Contract No.1903598
Construction Manager at Risk for the Assessment and Rehabilitation of WRRF Yard Piping and Underground Utilities
CIP #216006

Sponsors: Navid Mehram

Indexes: Wastewater Operations

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
1/25/2023	1	Board of Directors	Approved	Pass
1/11/2023	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Change Order No. 3

Contract No.1903598

Construction Manager at Risk for the Assessment and Rehabilitation of WRRF Yard Piping and Underground Utilities CIP #216006

Agenda of: January 25, 2023

Item No.: **2022-604**

Amount:	Original Contract:	\$4,863,051.00
	Change Order No.1:	685,450.00
	Change Order No .2	596,779.00
	Proposed Change Order No. 3	0.00
	Total Revised Contract	\$6,145,280.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: December 22, 2022

RE: Proposed Change Order No. 3

Contract No. 1903598

**Construction Manager at Risk for the Assessment and Rehabilitation of WRRF
Yard Piping and Underground Utilities**

Vendor: The Christman Company

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. 1903598, Proposed Change Order No. 3, “Construction Manager at Risk for the Assessment and Rehabilitation of WRRF Yard Piping and Underground Utilities” with The Christman Company, for no increase in cost, for a total cost not to exceed \$6,145,280.00 and an increased duration of 198 days for a total contract duration of 989 days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

GLWA awarded Contract No. 1903598 (Construction Manager at Risk for the Assessment and Rehabilitation of WRRF Yard Piping and Underground Utilities) to The Christman Company (Construction Manager) with a start work date of January 15, 2021. This contract is divided into several phases, including study, preliminary design, final design, and construction phase. The original price for Contract No. 1903598 was \$4,863,051.00.

On December 8, 2021, the GLWA Board of Directors Authorized Change Order No. 1 for additional investigation of the underground utilities for the study phase.

On July 27, 2022, the GLWA Board of Directors Authorized Change Order No. 2 for the preliminary and final design phases for the recommended improvements. GLWA seeks an extension in contract time for a total of 198 days, divided as follows:

- Extend current completion by 75 days to allow for the completion of the final design.
- Add 123 days, for bidding and negotiation of the final design packages for construction.

JUSTIFICATION

The 75-day time extension is driven by the Engineer’s design schedule to complete design. The additional 123 days’ time is needed for bidding and negotiation of the construction packages that will be presented in way of change order for GLWA Board of Directors approval.

A total of 198 days’ time extension is needed to complete the final design, bidding/negotiation. There is no General Condition cost associated with this time extension. Once the design is completed, the Construction Manager will procure the bids and submit a Guaranteed Maximum Price (GMP) to GLWA for the construction.

Once GLWA and the Construction Manager agree to the GMP, a new change order will be submitted for the Board approval for the construction cost and construction time.

PROJECT MANAGEMENT STATUS

Original Contract time for Study/Design	792 days (1/15/2021-3/17/2023)
Change Order No. 1	0 days
Change Order No. 2	0 days
Proposed Change Order No. 3	197 days (3/18/2023-9/30/2023)
New Contract Time	989 days (1/15/2021-9/30/2023)

PROJECT ESTIMATE

Original Contract Price	\$4,863,051.00
Change Order No. 1	685,450.00
Change Order No. 2	596,779.00
Proposed Change Order No. 3	0.00
New Contract Price	\$6,145,280.00

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 (5421-892211.000-616900-216006)

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

Original Contract Price	\$4,863,051.00
Change Order No. 1	685,450.00
Change Order No. 2	596,779.00
Proposed Change Order No. 3	0.00
New Contract Total:	\$6,145,280.00
Amended Financial Plan Estimate	<u>19,401,000.00</u>
Balance reserved for construction	\$13,255,720.00

This proposed Change Order No. 3 is for time extension only and has no impact on financial plan.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on January 11,

2023. 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.