



Legislation Text

File #: 2022-605, Version: 1

Proposed Amendment No. 3
Contract No. 1903601
Yard Piping Engineering Services
CIP #216006

Agenda of: January 25, 2023

Item No.: **2022-605**

Amount:	Original Contract Amount	\$1,647,814.74
	Amendment No. 1	434,722.00
	Amendment No. 2	765,627.00
	Proposed Amendment No. 3	0.00
	Total Revised Contract	\$2,848,163.74

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 Amendment No. 3
Contract No.: 1903601
Yard Piping Engineering Services
Vendor: CDM Smith Michigan, Inc.

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. 1903601, Proposed Amendment No. 3, "Yard**

Piping Engineering Services” with CDM Smith Michigan, Inc., for no increase in cost, for a total cost not to extend \$2,848,163.74 and an increased duration of 215 days for a total contract duration of 1,007 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.1903601 “Yard Piping Engineering Services” to CDM Smith Michigan, Inc. (Engineer), with a start work date of December 28, 2020. The contract is mainly divided into four major phases (study, preliminary design, final design, and construction), with the final design completion date set in the Notice to Proceed as February 27, 2023.

On July 27, 2022, the GLWA Board of Directors authorized Amendment No. 1 for the preliminary and final design phases for the eight recommended improvements. On September 28, 2022, the GLWA Board of Directors Authorized Amendment No. 2 for the preliminary and final design phases for an additional 14 recommended improvements.

GLWA seeks an extension in contract time for a total of 215 days, divided as follows:

- Extend current completion by 92 days to allow for the completion of the final design.
- Add 123 days for bidding and negotiation of the final design packages

JUSTIFICATION

The assessment effort of the underground utilities at the WRRF identified 96 recommendations. This required GLWA operations, maintenance and engineering to review and prioritize the recommendations while aligning the total expected cost with the CIP plan for this project. This process delayed the preliminary design by approximately 4 weeks. Additionally, the team identified the need to include modifications to

PE-02 - Primary power feed to the New Administration Building.

On November 4, 2022, a meeting was held between GLWA, the Engineer (CDM) and the Construction Manager (The Christman Company) to discuss a realistic and attainable schedule and to align the completion times of design and construction contract schedules for better monitoring and control (currently, Construction Manager contract completion date lags the Engineer schedule by 18 days). It was agreed by the parties to extend the final design completion to May 30, 2023, and the bidding/negotiation/Board approval phase to September 30, 2023, for a total of 215 days. There is no General Condition cost associated with this time extension.

PROJECT MANAGEMENT STATUS

Original Contract Time	792 days (12/28/2020 - 02/27/2023)
Amendment No.1	0 days
Amendment No. 2	0 days
Proposed Amendment No. 3	215 days (02/28/2023 - 09/30/2023)
New Contract Time	1,007 days (12/28/2020 - 09/30/2023)

PROJECT ESTIMATE

Original Contract Price	\$1,647,814.74
Amendment No. 1	434,722.00
Amendment No. 2	765,627.00
Proposed Amendment No. 3	0.00
New Contract Price	\$2,848,163.74

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: Design (5421-892211.000-617950-216006)

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

Original Contract Price:	\$1,647,814.74
Amendment No.1:	434,722.00
Amendment No. 2	765,627.00
Proposed Change Order No. 3:	<u>0.00</u>
New Contract Total:	\$2,848,163.74
Amended Financial Plan Estimate:	3,348,000.00
Balance reserved for construction:	\$499,836.26

Please note that the Amended Financial Plan Estimate amount above as per the Draft#1 CIP FY2024-2028. This proposed Changed 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.

SHARED SERVICES IMPACT

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