



Legislation Details (With Text)

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On agenda: 5/22/2024 **Final action:** 5/22/2024

Title: Proposed Amendment No. 6
Contract No. 1903601
Yard Piping Engineering Services
CIP #216006/BCE: 79.0

Sponsors: Navid Mehram

Indexes: Wastewater Operations

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
5/22/2024	1	Board of Directors	Approved	Pass
5/8/2024	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Amendment No. 6
Contract No. 1903601
Yard Piping Engineering Services
CIP #216006/BCE: 79.0

Agenda of: May 22, 2024

Item No.: **2024-177**

Amount:	Original Contract	\$1,647,814.74
	Amendment No. 1	434,722.00
	Amendment No. 2	765,627.00
	Amendment No. 3	0.00
	Amendment No. 4	764,635.08
	Amendment No. 5	1,332,739.08
	Proposed Amendment No. 6	619,202.83
	Total Contract Amount	\$5,564,740.73

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: April 30, 2024

RE: Proposed Amendment No. 6

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. 6, “Yard Piping Engineering Services” with CDM, at an increased cost of \$619,202.83 for a total cost not to exceed \$5,564,740.73 and an increased duration of 265 days for a total duration of 1,957 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). The Contract is divided into four major phases: study, preliminary design, final design, and construction.

To date, five amendments have been issued. This Contract now has nineteen (19) separate improvements* for design/construction and one program for secondary final effluent (SFE) valve exercising which has been incorporated in previous amendments to this Contract.

Amendment No. 6 seeks to add \$619,202.83 for Task 2 project management, Task 8 resident project representation (RPR), and task 9 construction assistance for administrative and field engineering services during construction and extends the Contract time by a total of 265 days.

*This is a correction to scribal error in prior board letters which stated there were 21 improvements.

JUSTIFICATION

This amendment supports the construction assistance phase needed for the improvements outlined in the Change Order 6 of the CMAR contract of the project. The costs were negotiated in detail with GLWA’s Lifecycle Project Manager as hourly, not to exceed, in preparation for two (2) years of construction assistance services at the Water Resource Recovery Facility for 15 of the 19 improvements. Four (4) of the design improvements are still currently under design and a price for construction assistance will be determined as those improvements reach 100% design, and a future amendment may be brought to the board for approval. The construction assistance services included within this amendment will be provided for The Christman Company construction related services for the 15 improvement projects which are at final design stage

PROJECT MANAGEMENT STATUS

Original Contract Time	792 days (12/28/2020 - 02/27/2023)
Amendment No. 1	0 days
Amendment No. 2	0 days
Amendment No. 3	215 days (02/28/2023 - 09/30/2023)
Amendment No. 4	243 days (10/01/2023 - 05/30/2024)
Amendment No. 5	442 days (05/31/2024 - 08/15/2025)
Proposed Amendment No. 6	265 days (08/16/2025 - 05/07/2026)
New Contract Time	1,957 days (12/28/2020 - 05/07/2026)

PROJECT ESTIMATE

Original Contract Time	\$1,647,814.74
Amendment No. 1	434,722.00
Amendment No. 2	765,627.00
Amendment No. 3	0.00
Amendment No. 4	764,635.08
Amendment No. 5	1,332,739.08
Proposed Amendment No. 6	619,202.83
New Contract Total	\$5,564,740.73

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
Amendment No. 3	0.00
Amendment No. 4	764,635.08
Amendment No. 5	1,332,739.08
Proposed Amendment No. 6	619,202.83
New Contract Total:	\$5,564,740.73
Amended Financial Plan Estimate:	<u>3,613,000.00</u>
Estimating Variance:	(\$1,951,740.73)

If approved, proposed Amendment No. 6, a negative estimated variance of (\$1,951,740.73) is created. This variance will be funded from Capital Reserves.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on May 8, 2024. 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.