



Legislation Details (With Text)

File #: 2024-088 **Version:** 1 **Name:**

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On agenda: 3/21/2024 **Final action:** 3/21/2024

Title: Proposed Amendment No. 5
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
3/21/2024	1	Board of Directors	Approved	Pass
3/13/2024	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Amendment No. 5
Contract No. 1903601
Yard Piping Engineering Services
CIP #216006/BCE: 79.0

Agenda of: March 21, 2024

Item No.: **2024-088**

Amount:	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
	Proposed Amendment No. 5	1,332,739.08
	New Contract Total	\$4,945,537.90

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: February 28, 2024

RE: Proposed Amendment No. 5

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. 5, “Yard Piping Engineering Services”, with CDM Smith Michigan, Inc., at an increased cost of \$1,332,739.08 for a total cost not to exceed \$4,945,537.90 and an increased duration of 442 days for a total duration of 1,692 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 (4) major phases (study, preliminary design, final design, and construction). Several amendments have been issued to this project. This was anticipated based on the contracting model for this project.

This contract now has 21 separate improvements and one (1) program. Seventeen improvements are at 100% design with bids received. However, through development of the 17 improvements, four (4) new improvements have been identified and require design.

Also, the design team identified a needed program to assess the large diameter Screened Final Effluent (SFE) loop gate valves that are needed to be operational for two (2) of the improvement projects. Furthermore, the valve operations will be a critical need for the upcoming SFE pump station replacement project.

JUSTIFICATION

There are 10 improvements authorized in the Yard Piping CMAR contract to move into construction, four (4) design projects that have come out of the completion of the other improvements, and one (1) program identified so far to move to construction. This amendment authorizes engineering services to support the construction improvements, complete the design needed, and support the SFE gate valve assessment program until August 2025.

The costs of the construction assistance phase were established based on negotiation with GLWA as hourly, not to exceed in preparation for three (3) years of construction at the site. This proposed

amendment request for funding to support continued service from May 2024 to August 2025, and add design effort for four (4) new improvements.

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)
Proposed Amendment No. 5	442 days (05/31/2024 - 08/15/2025)
New Contract Time	1,692 days (12/28/2020 - 08/15/2025)

PROJECT ESTIMATE

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
Proposed Amendment No. 5	1,332,739.08
New Contract Total	\$4,945,537.90

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
Proposed Amendment No. 5	1,332,739.08
New Contract Total:	\$4,945,537.90
Amended Financial Plan Estimate:	<u>3,613,000.00</u>
Estimating Variance:	(\$1,332,537.90)

If approved, proposed Amendment No. 5, a negative estimated variance of (\$1,332,537.90) 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 March 13, 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.