



Legislation Details (With Text)

File #: 2024-235 **Version:** 1 **Name:**

Type: Resolution **Status:** New Business

File created: 6/27/2024 **In control:** Board of Directors

On agenda: 7/24/2024 **Final action:**

Title: Proposed Change Order No. 1
Contract No. 2201101
WRRF Incinerator #11 Rehabilitation
O&M

Sponsors: Navid Mehram

Indexes: Wastewater Operations

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
7/10/2024	1	Operations and Resources Committee		

Proposed Change Order No. 1
Contract No. 2201101
WRRF Incinerator #11 Rehabilitation
O&M

Agenda of: July 24, 2024
Item No.: **2024-235**

Amount:	Original Contract	\$2,486,000.00
	Proposed Change Order No. 1	0.00
	Total Revised Contract	\$2,486,000.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: June 27, 2024

RE: **Proposed Change Order No. 1**
Contract No. 2201101
WRRF Incinerator #11 Rehabilitation
Vendor: Commercial Contracting Corporation

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. 2201101, Proposed Change Order No. 1, “WRRF Incinerator #11 Rehabilitation” with Commercial Contracting Corporation, with no increase in cost for a total cost not to exceed \$2,486,000.00 and an increased duration of 92 days for a total duration of 547 days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

The scope of work for Contract No. 2201101 includes rehabilitation of Incinerator #11 through replacement of failed refractory (brick), modification of hearths, additional refractory, installation of new pop top damper, additional structural support for the damper, breach repair, drop hole enlargement, expansion joints, coatings, and the replacement of miscellaneous components.

The work under this contract experienced unforeseen conditions associated with damper replacement requiring additional structural supports, extended dry out periods for the refractory after it was installed, additional refractory replacement after inspection revealed more replacement was necessary, and stack modifications were required to facilitate the new damper. Additionally, there were operational challenges with incineration associated with other incineration projects that caused delays to this project.

JUSTIFICATION

Contract No. 2201101 was awarded to Commercial Contracting Corporation with a start date specified as April 17, 2023. Substantial and final completion dates were identified as May 16, 2024, and July 14, 2024, respectively. Due to the unforeseen conditions described above, it is Wastewater Engineers’ recommendation that the substantial completion date be extended by 92 days to August 16, 2024, and the final completion date be extended by 92 days to October 14, 2024.

PROJECT MANAGEMENT STATUS

Original Contract Time	455 days (04/17/2023 - 07/14/2024)
Proposed Change Order No. 1	92 days (07/15/2024 - 10/14/2024)
New Contract Time	547 days (04/17/2023 - 10/14/2024)

PROJECT ESTIMATE

Original Contract Price	\$2,486,000.00
Proposed Change Order No. 1	0.00
New Contract Total	\$2,486,000.00

FINANCIAL PLAN IMPACT

Summary: These repairs were anticipated during the development of the current Budget and Financial Plan. However, should this contract be fully used, there are sufficient funds in the current financial plan for this contract.

Funding Source: 5960 - Operations & Maintenance (O&M)

Cost Center: Wastewater Incineration Process (892226)

Expense Type: Repairs & Maintenance - Equipment (622300)

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

<u>Fiscal Year</u>	<u>Amount</u>
FY 2023 Budget (Amended)	\$0.00
FY 2024 Budget (Amended)	2,186,700.00
FY 2025 Budget (Prorated)	<u>318,300.00</u>
Total Financial Plan Forecast	\$2,505,000.00
Proposed Maximum Contract Amount	<u>2,486,000.00</u>
Forecast Variance (positive/ (negative))	\$19,000.00

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on July 10, 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.