



Legislation Details (With Text)

File #: 2022-599 **Version:** 1 **Name:**
Type: Resolution **Status:** Passed
File created: 12/14/2022 **In control:** Board of Directors
On agenda: 1/25/2023 **Final action:** 1/25/2023
Title: Proposed Change Order No. 1
Contract No. 1904449
Lake Huron Water Treatment Plant Pilot Plant Design Build Services
CIP #111011 / BCE Score: N/A
Sponsors: Cheryl Porter
Indexes: Water 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. 1
Contract No. 1904449
Lake Huron Water Treatment Plant Pilot Plant Design Build Services
CIP #111011 / BCE Score: N/A

Agenda of: January 25, 2023

Item No.: **2022-599**

Amount:	Original Contract	\$3,157,387.00
	Proposed Change Order No. 1	0.00
	Total Contract Amount	\$3,157,387.00

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 29, 2022

RE: **Proposed Change Order No. 1**
Contract No. 1904449

**Lake Huron Water Treatment Plant Pilot Plant Design Build Services
Vendor: Brown and Caldwell Constructors**

MOTION

Upon recommendation of Cheryl Porter, Chief Operating Officer - Water and Field Services, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Chief Executive Officer (CEO) to **enter into Contract No. 1904449 Proposed Change Order No. 1 “Lake Huron Water Treatment Plant Pilot Plant Design Build Services” with Brown and Caldwell Constructors, with no increase in cost for a total cost not to exceed \$3,157,387.00 and an increased duration of 365 days for a total duration of 1,095 days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

This proposed Change Order No. 1 will increase the Final Completion by 365 calendar days at no additional costs to GLWA. This extension is being added to allow for training and operational oversight by the Engineer included in the original scope of work. A supply chain delay in receiving control panels and I/O cards from Emerson resulted in construction delays. The delivery of the items was delayed approximately 167 days. For GLWA team members to have proper training and access to quality control and operational oversight for the units, the Final Completion date will be moved back.

JUSTIFICATION

Several Allen-Bradley components required for the equipment were delayed from their originally scheduled April 28, 2022, delivery date to October 11, 2022. Postponed delivery dates are listed below:

Order Quantity Product Description		Actual Delivery Time
4 Each	A-B 5069-IB16 5069 DC Input Module	09/26/2022
8 Each	A-B 5069-IF8 5069 Analog Input Module	06/28/2022
4 Each	A-B 5069-OB8 5069 DC Output Module	10/11/2022
6 Each	A-B 5069-OF8 5069 Analog Output Module	10/08/2022
1 Each	A-B 5069-AENTR 5069 ETHERNET/IP	09/07/2022
ADAPTER SUPPORTS 31 I/O MODULES		
& 64 CIP CONNECTIONS		
3 Each	A-B 2711P-T12W22D8S PANELVIEW PLUS	08/30/2022
7 Graphic Terminal Standard Model 12.1 in.		
Display Widescreen TFT Color Touch Screen		
DLR Ethernet 18-30 V DC		

PROJECT MANAGEMENT STATUS

Original Contract Time	730 days	(02/08/2021 - 02/08/2023)
Proposed Change Order No. 1	365 days	(02/09/2023 - 02/08/2024)
New Contract Time	1,095 days	(02/08/2021 - 02/08/2024)

PROJECT ESTIMATE

Original Contract Price	\$3,157,380.00
Proposed Change Order No. 1	0.00
New Contract Total	\$3,157,380.00

FINANCIAL PLAN IMPACT

Summary: Sufficient funds are provided in the financial plan for this project.

Funding Source: Water Construction Fund

Cost Center: Water Engineering

Expense Type: Construction (5519-882111.000-616900-111011)

Estimated Cost by Year and Related Estimating Variance: N/A.

This proposed amendment is for an extension of time only. Although the amendment extends the final completion date into FY 2024, there is no substantive financial impact.

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.