



Legislation Details (With Text)

File #: 2024-147 **Version:** 1 **Name:**
Type: Resolution **Status:** Passed
File created: 3/27/2024 **In control:** Board of Directors
On agenda: 4/24/2024 **Final action:** 4/24/2024
Title: Proposed Change Order No. 2
Contract No. 2001051
Southwest Water Treatment Plant SCADA Network Upgrade
CIP #170302 / BCE Score: N/A
Sponsors: Cheryl Porter
Indexes: Water Operations
Code sections:
Attachments:

Date	Ver.	Action By	Action	Result
4/24/2024	1	Board of Directors	Approved	Pass
4/10/2024	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Change Order No. 2

Contract No. 2001051

Southwest Water Treatment Plant SCADA Network Upgrade

CIP #170302 / BCE Score: N/A

Agenda of: April 24, 2024
Item No.: **2024-147**
Amount: Original Contract \$7,891,696.00
Change Order No. 1 0.00
Proposed Change Order No. 2 0.00
Total Revised Contract \$7,891,696.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: March 27, 2024

RE: Proposed Change Order No. 2
Contract No. 2001051
Southwest Water Treatment Plant SCADA Network Upgrade
Vendor: Burns and McDonnell Michigan, Inc.

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. 2001051, Proposed Change Order No. 2, “Southwest Water Treatment Plant SCADA Network Upgrade” with Burns and McDonnell Michigan, Inc., with no increase in cost for a total cost not to exceed \$7,891,696.00 and an increased duration of 183 days for a total duration of 1,217 days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

The intent of the Southwest Water Treatment Plant Supervisory Control and Data Acquisition (SCADA) Network Upgrade project is to replace the plant’s obsolete control systems and existing control networks. Under this project, the vendor is providing the engineering design, demolition, furnishing of field devices, equipment, local control panels, installation, and start-up of a complete advanced plant-wide SCADA control system and networks, that meets the current GLWA SCADA Governance Documents standards. Contract No. 2001051 is a design build project which is in the construction installation phase of the networks backbone and installation of the local controls panels for the plants, network, chemical and process systems. Contract No. 2001051 was awarded to Burns and McDonnell Michigan, Inc. on February 24, 2021, and the notice to proceed was July 1, 2021. This proposed change order would extend the substantial completion and final completion dates to August 30, 2024, and October 30, 2024, respectively.

JUSTIFICATION

A time extension is required due to instrumentation and electrical suppliers being unable to receive individual parts from manufacturers that are required to produce the components needed to assemble the final equipment required under this project (e.g., materials including programmable logic controller components, modules, network switches and variable frequency drives, etc.). Additionally, the current disruptions in the supply chain of equipment have resulted in dates not being met for delivery, pushing production and testing of panels further out.

PROJECT MANAGEMENT STATUS

Original Contract Time	730 days	(07/01/2021 - 07/01/2023)
Change Order No. 1	304 days	(07/02/2023 - 04/30/2024)
Proposed Change Order No. 2	183 days	(05/01/2024 - 10/30/2024)
New Contract Time	1,217 days	(07/01/2021 - 10/30/2024)

PROJECT ESTIMATE

Original Contract Price	\$7,891,696.00
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Change Order No. 1	0.00
Proposed Change Order No. 2	0.00
New Contract Total	\$7,891,696.00

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: Design (5519-882111.000-616900-170302)

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 2025, there is no substantive financial impact.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on April 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.