



Legislation Text

File #: 2024-280, Version: 1

Proposed Change Order No. 3

Contract No. 2001051 (SCN-0000136)

Southwest Water Treatment Plant SCADA Network Upgrade

CIP #170302 / BCE Score: N/A

Agenda of: September 25, 2024

Item No.: **2024-280**

Amount:	Original Contract	\$7,891,696.00
	Change Order No. 1	0.00
	Change Order No. 2	0.00
	Proposed Change Order No. 3	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: August 28, 2024

RE: Proposed Change Order No. 3
Contract No. 2001051 (SCN-0000136)
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 (SCN-0000136), Proposed Change Order No. 3, "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 273 days for a total duration of 1,490 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 April 30, 2025, and June 30, 2025, respectively.

JUSTIFICATION

This request for a time extension of the project timeline for the Southwest Water Treatment Plant's SCADA upgrade under GLWA Contract No. 2001051 is due to unforeseen changes in our contractor's project management and construction personnel, including subcontractors. We are experiencing delays that impact our ability to maintain the schedule. Burns and McDonnell recently lost key personnel, which has disrupted the project workflow. They are in the process of onboarding a qualified replacement, but the transition has caused unavoidable delays. To ensure successful completion of the contract without compromising quality, we seek approval for a timeline extension. The contractor has reviewed the schedule and believes this additional time will allow them to meet all project objectives despite the current challenges.

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)
Change Order No. 2	183 days	(05/01/2024 - 10/30/2024)
Proposed Change Order No. 3	273 days	(10/31/2024 - 07/25/2025)
New Contract Time	1,490 days	(07/01/2021 - 07/25/2025)

PROJECT ESTIMATE

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

Proposed Change Order No. 3	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: Construction (5519-CC880000-616900-PRJ170302)

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 2026, there is no substantive financial impact.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on September 11, 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.