



Legislation Details (With Text)

File #: 2022-222 **Version:** 1 **Name:**
Type: Resolution **Status:** Passed
File created: 5/26/2022 **In control:** Board of Directors
On agenda: 6/22/2022 **Final action:** 6/22/2022
Title: Proposed Change Order No. 1
Contract No. 1803258
Design Build Services for Northeast Flow Control Facility
CIP #122003 / BCE Score: 62.0
Sponsors: Cheryl Porter
Indexes: Water Operations
Code sections:
Attachments:

| Date | Ver. | Action By | Action | Result |
|-----------|------|------------------------------------|--------------------------|--------|
| 6/22/2022 | 1 | Board of Directors | Approved | Pass |
| 6/8/2022 | 1 | Operations and Resources Committee | Recommended for Approval | Pass |

Proposed Change Order No. 1

Contract No. 1803258

Design Build Services for Northeast Flow Control Facility

CIP #122003 / BCE Score: 62.0

Agenda of: June 22, 2022

Item No.: **2022-222**

| | | |
|---------|-----------------------------|-----------------|
| Amount: | Original Contract | \$24,443,619.00 |
| | Proposed Change Order No. 1 | 150,000.00 |
| | Total Revised Contract | \$24,593,619.00 |

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: May 27, 2022

RE: Proposed Change Order No. 1

Contract No. 1803258

Design Build Services for Northeast Flow Control Facility

Vendor: Walsh Construction Company II, LLC

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 Interim Chief Executive Officer (ICEO) to **enter into Contract No. 1803258 Proposed Change Order No. 1 “Design Build Services for Northeast Flow Control Facility” with Walsh Construction Company II, LLC, at an increased cost of \$150,000.00 for a total cost not to exceed \$24,593,619.00 and an increased duration of 183 days for a total duration of 1,278 days;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

Contract No. 1803258 is for construction services related to the construction of approximately 2,000 linear feet of 42-inch and 84-inch transmission mains, and new Flow Control Facility, located at the Northeast Water Treatment Plant (NEWTP). This project is part of the 2015 Master Plan and is necessary for the NEWTP repurposing effort. The scope of work under this contract includes a cast in place vault to house a 42-inch saddle tee and gate valve on the Garland Main in the southwest corner of the property, 300 linear feet of 42-inch transmission main, connection from 42-inch to 84-inch main, 1,700 linear feet of 84-inch transmission main, a new structure housing four 48-inch valve trains each consisting of a plunger valve, two gate valves, and a weir chamber, approximately 100 linear feet of 96-inch transmission main from lower weir to a cast-in-place reinforced concrete extension to Junction Chamber No. 1 with a new 96-inch sluice gate. This facility, when complete and connected to the new transmission mains running to Water Works Park being constructed under a different contract under this CIP project, will provide up to 200 MGD of finished water to the entire NEWTP service area.

Contract No. 1803258 was awarded to Walsh Construction Company II, LLC and commenced work on September 5, 2019. This proposed Change Order No. 1 requests that 183 days to be added to the final contract completion. This additional time will allow for the completion of the testing and commissioning of the new facility. In addition, during the design phase, a driveway was added along the north end of the building connecting the parking area to the west with the drive on the east. Two 12-inch weir vents protruding from the north wall were not adjusted to raise the vents out of the way of possible traffic. Also, during the review of the Process Controls Narrative, it was discovered that the automatic rotation of which train is “Lead”, and the order of the “Lag” trains was not included in the original scope. Additional funds of \$150,000.00 to be added to the provisional allowance are requested as part of this change order to cover the above referenced work.

JUSTIFICATION

The vent pipes extend 20 inches into the driveway at 7-feet 2-inches above ground. This is above the line of sight for most vehicles, but low enough to be struck by service vans, or pickup trucks with service bodies and/or ladder racks. The vents represent a driving hazard for maintenance personnel and equipment. This change would raise the vents to 13-feet 4-inches above grade, highway bridge height. The additional time will allow the contractor to complete the testing and commissioning of the new facility.

PROJECT MANAGEMENT STATUS

Original Contract Time 1,095 days (09/05/2019 - 09/04/2022)

Proposed Change Order No. 1 183 days (09/05/2022 - 03/06/2023)

New Contract Time 1,278 days (09/05/2019 - 03/06/2023)

PROJECT ESTIMATE

Original Contract Price \$24,443,619.00

Proposed Change Order No. 1 150,000.00

New Contract Total \$24,593,619.00

FINANCIAL PLAN IMPACT

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

Funding Source: Water Construction Bond

Cost Center: Field Engineering

Expense Type: Construction (5519-882411.000-616900-122003)

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

| | |
|---------------------------------|----------------------|
| Original Contract Price | \$24,443,619.00 |
| Proposed Change Order No. 1 | <u>150,000.00</u> |
| New Contract Total | 24,593,619.00 |
| Amended Financial Plan Estimate | <u>24,593,619.00</u> |
| Estimating Variance | \$ 0.00 |

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on June 8, 2022. 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.