

Legislation Text

File #: 2020-156, Version: 1

Proposed Amendment No. 2**GLWA-CS-152****Route Alternatives Analysis and Preliminary Design for Water Works Park to Northeast Transmission Main****CIP# 122003**

Agenda of: May 27, 2020

Item No.: **2020-156**

Amount:	Original Contract	\$2,813,216.63
	Amendment No. 1	1,579,342.00
	Proposed Amendment No. 2	0.00
	Total Contract	\$4,392,558.63

TO: The Honorable
Board of Directors
Great Lakes Water Authority

FROM: Sue F. McCormick
Chief Executive Officer
Great Lakes Water Authority

DATE: May 1, 2020

RE: Proposed Amendment No. 2
Contract No. GLWA-CS-152
Route Alternatives Analysis and Preliminary Design for Water Works Park to Northeast Transmission Main
Vendor: Jacobs Consultant, 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. GLWA-CS-152 Proposed Amendment No. 2, "Route Alternatives Analysis and Preliminary Design for Water Works Park to Northeast Transmission Main" with Jacobs Consulting, Inc., with no increase in cost for a total cost of \$4,392,558.63, and an increase in duration of 765 days for a total contract duration of 1,819 days; and**

authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

The original scope of work for the CS-152 consultant services contract included route alternatives analysis and preliminary design for Water Works Park to Northeast Transmission Main project. In order to meet the Drinking Water Revolving Fund (DWRf) loan schedule, GLWA approved Amendment No. 1 to the CS-152 project. Amendment No. 1 included assistance from Jacobs Engineering to prepare design-build bidding documents and design build oversight for phase 1 of Water Works Park to Northeast Transmission Main project, which includes the Northeast Flow Control Facility portion of the work. At the time of Amendment No. 1 execution, it was anticipated that 24 months of design build oversight would be required to complete the Northeast Flow Control Facility design and construction. The Northeast Flow Control Facility design-build contract (Contract 1803258) was bid in 2019 with the successful proposer, Walsh Construction Company, indicating a project schedule of 10 months for design and 26 months for construction. Given this extended schedule, GLWA Water Engineering is requesting Amendment No. 2 to the CS-152 contract for a time-only adjustment to the contract. The requested Amendment No. 2 would extend the CS-152 contract from the current contract end date of July 31, 2020 to September 4, 2022 in order to extend design-build oversight services from Jacobs Engineering for the full duration of the Northeast Flow Control Facility design-build contract (Contract 1803258).

JUSTIFICATION

Design-build oversight assistance for the Northeast Flow Control facility provides critical support to GLWA Water Engineering in the form of design and construction submittal review to ensure that the Northeast Flow Control Facility is constructed in conformance with the minimum technical requirements provided for in the design-build contract with Walsh Construction Company. The submittal review support is especially critical for submittals that involve engineering sub-specialties such as building mechanical, electrical, and instrumentation/controls. The design-build oversight also provides support in the form of resident project representation for construction observation to ensure that the Northeast Flow Control Facility is constructed in conformance with the approved design.

PROJECT MANAGEMENT STATUS

Original Contract Time	1,054 Days
Amendment No. 1	0 Days
Proposed Amendment No. 2	765 Days
New Contract Time	1,819 Days

PROJECT ESTIMATE

Original Contract Price	\$ 2,813,216.63
Amendment No. 1	1,634,378.00
Proposed Amendment No. 2	0.00
New Contract Total	\$4,392,558.63

FINANCIAL PLAN IMPACT

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

Funding Source: Water Construction Bond

Cost Center: Water Engineering

Expense Type: Construction (5519-882211.000-617950-122003)

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

Original Contract Price	\$2,813,216.63
Amendment Order No. 1	1,579,342.00
Proposed Amendment No. 2	0.00
New Contract Total	4,392,558.63
Amended Financial Plan Estimate	<u>4,392,558.63</u>
Estimating Variance	\$0.00

There is no substantive financial impact of the proposed amendment.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on May 13, 2020. 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.