



Legislation Details (With Text)

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On agenda: 5/26/2021 **Final action:** 5/26/2021

Title: Proposed Amendment No. 1
Contract No. GLWA-CS-299
GLWA - CSO Facilities Assessment Project
Vendor: Jacobs Consultants, Inc.

Sponsors: Navid Mehram

Indexes: Wastewater Operations

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
5/26/2021	1	Board of Directors	Approved	Pass
5/12/2021	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Amendment No. 1
Contract No. GLWA-CS-299
GLWA - CSO Facilities Assessment Project
Vendor: Jacobs Consultants, Inc.

Agenda of: May 26, 2021

Item No.: **2021-170**

Amount:	Original Contract	\$5,415,953.00
	Proposed Amendment No. 1	0.00
	Total Revised Contract	\$5,415,953.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: April 15, 2021

RE: Proposed Amendment No. 1
Contract No. GLWA-CS-299
GLWA - CSO Facilities Assessment Project
Vendor: Jacobs Consultants, Inc.

MOTION

Upon recommendation of Navid Mehram, Chief Operating Officer - Wastewater Operating 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-299 Proposed Amendment No. 1, “GLWA CSO Facilities Assessment Project” with Jacobs Consultants, Inc. for no increase in cost for a total not to exceed \$5,415,953.00 and an increased duration of 549 Days for a total duration of 1,279 Days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

The Board approved the CS-299 project in 2019, and subsequently, GLWA entered into a Contract with Jacobs Consulting, Inc. for a period of 24-months. The purpose of this project is to complete an assessment of the GLWA CSO Facilities to ensure all CSO assets are accounted for, and to inform future versions of the Capital Improvement Program (CIP) and Scheduled Replacement Program (SRP) for the CSO Facilities. This project will build a roadmap for the CSO Facilities in equipment scheduled replacement and facility capital improvements for the next 20-years. Capital projects will be prioritized based on information from the facilities assessment so that the highest risk asset/facilities are being addressed in the early years of the CIP and lower priority elements will be addressed later in the CIP plan. This CIP plan will be dynamic such that future condition assessments will help GLWA to continually balance the priority of projects. This project also included a provisional allowance meant to address “quick-wins” at the facilities for issues discovered during the facilities assessment portion of this project. To date we have initiated 12 quick-win projects with Jacobs Consultants. A few examples of these projects include restoring proper operation to our flushing system at Conner Creek, or addressing significant infiltration at St. Aubin Outfall, or addressing facility equipment reliability at Baby Creek to make our emergency by-pass gates operable remotely, as a few examples. This project required substantial Consultant effort both in the office (desktop) and in the field to accurately assess GLWA CSO Facilities.

JUSTIFICATION

When the pandemic occurred near the beginning of the facility assessment portion of this project, this project was delayed due to lack of Consultant access for travel and to our facilities for a period of three to four months. While the Consultant did re-arrange some of their scheduled work, this delay has pushed back some of the major deliverables of this project (CIP Plan, Finalized Facility Assessment Plan) back by this same amount of time. Furthermore, the quick win projects include engineering support for design work and construction assistance to ensure the project is properly

executed. The timeline of some of the quick-win projects are longer given weather-related challenges, coordination with other projects, and COVID-19. For example, the Conner Flushing quick win must be coordinated with DB-226 (Detroit River Interceptor Rehabilitation Project) which utilized Conner Creek Retention Treatment Basin (RTB) to control daily flows and limits access to the inside of the basin, which prevents the flushing improvements project from advancing. Hence, proper coordination of these projects will push these quick wins beyond the original Contract end date. To secure proper engineering support, the contract end date needs to be extended.

PROJECT MANAGEMENT STATUS

Original Contract Time	730 Days
Proposed Amendment No. 1	549 days
New Contract Time	1,279 days

PROJECT ESTIMATE

Original Contract Price	\$5,415,953.00
Proposed Amendment No. 1	0.00
New Contract Total	\$5,415,953.00

FINANCIAL PLAN IMPACT

This proposed change order is for an extension of time only. Although the change order extends the final completion date into FY 2023, there is no substantive financial impact.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on May 12, 2021.

SHARED SERVICES IMPACT

This program covers sewerage facilities, including those shared, in part by DWSD and GLWA. This item is budgeted by both entities as noted above.