Legislation Details (With Text)

File #:	2022-167	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	Passed
File created:	4/26/2022			**In control:**	Board of Directors
On agenda:	5/25/2022			**Final action:**	5/25/2022
Title:	Proposed Amendment No. 3 Contract No. GLWA-CS-1747 Engineering Services for Fairview Sewage Pump Station Improvements CIP #232001 / BCE Score: 73.0				
Sponsors:	Cheryl Porter				
Indexes:	Water Operations				
Code sections:					
Attachments:					

Date	Ver.	Action By	Action	Result
5/25/2022	1	Board of Directors	Approved	Pass
5/11/2022	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Amendment No. 3
Contract No. GLWA-CS-1747
Engineering Services for Fairview Sewage Pump Station Improvements
CIP #232001 / BCE Score: 73.0

Agenda of: May 25, 2022
Item No.: **2022-167**

Amount:		
	Original Contract	$2,686,898.00
	Amendment No. 1	4,591,200.00
	Amendment No. 2	0.00
	Proposed Amendment No. 3	0.00
	Total Contract Amount	$7,278,098.00

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: April 29, 2022

RE: Proposed Amendment No. 3

Contract No. GLWA-CS-1747
Engineering Services for Fairview Sewage Pump Station Improvements
Vendor: Brown and Caldwell, 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. GLWA-CS-1747 Proposed Amendment No. 3 "Engineering Services for Fairview Sewage Pump Station Improvements" with Brown and Caldwell, LLC, with no increase in cost, for a total cost not to exceed $7,278,098.00 and an increased duration of 575 days for a total contract duration of 2,767 days;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

GLWA Contract No. CS-1747 is a consulting engineering services contract providing design, construction administration and resident project representation (RPR) services related to capital improvements at the Fairview Sewage Pumping Station (Fairview Station) located in Detroit. Fairview Station was initially constructed in 1913 with upgrades in 1950 and 1998. The Fairview Station is a critical pumping station that lifts combined sewage flows into the Detroit River Interceptor (DRI) from several major upstream interceptors.

Construction improvements to Fairview Station are in progress and nearing completion under Contract No. CON-297. These improvements are primarily related to the pump house and the station's ability to pump combined sewage into the DRI. The flooding associated with the unprecedented storm events of June and July 2021 resulted in a recommendation to rehabilitate the outfall sewers such that they can serve as an emergency discharge to the Detroit River under similar extreme rainfall events. The June and July 2021 storm events and recommended outfall improvements resulting from the events occurred after the execution of Contract No. CS-1747, and consequently the recommended outfall rehabilitation is not part of the original scope of Contract No. CS-1747.

This Amendment No. 3 proposes to extend Contract No. CS-1747 time by 575 days to allow for completion of the design of the outfall rehabilitation that will be constructed under Contract No. CON-297. Contract No. CS-1747 will provide design, construction administration and RPR services during this time as related to the outfall rehabilitation. Funds are available in the current Contract No. CS-1747 to execute this work. Consequently, this Amendment No. 3 is not requesting additional monies to complete the work.

Amendment No. 1 was due to the flooding events of June and July 2021, which caused the construction work at the Fairview Station to stop until the dry weather flows return back to normal. Due to the unforeseen conditions, re-design critical isolation improvements and re-sequence construction activities were required. This amendment increased time and cost for Project Management, Construction Administration Services, Resident Project Representative, Start-

Up/Commissioning Services, and Provisional Allowance. Amendment No. 2 was a budget shift with verbiage only to the contract to provide additional design.

JUSTIFICATION

Completing the recommended outfall sewer rehabilitation is necessary to improve the sewer relief capability to the Detroit River. The Contract No. CON-297 contractor is mobilized, on-site and ready to complete the rehabilitation. Extending Contract No. CS-1747 by 575 days will allow design to be completed and further maintain continuity between the vendors of Contract Nos. CS-1747 and CON-297 such that construction of the sewer rehabilitation is completed timely, while meeting the quality requirements of the overall contract.

PROJECT MANAGEMENT STATUS

Original Contract Time	1,919 days	(07/05/2016 - 10/05/2021)
Amendment No. 1	273 days	(10/06/2021 - 07/05/2022)
Amendment No. 2	0 days	
Proposed Amendment No. 3	575 days	(07/06/2022 - 01/31/2024)
New Contract Time	2,767 days	(07/05/2016 - 01/31/2024)

PROJECT ESTIMATE

Original Contract Price	$2,686,898.00
Amendment No. 1	4,591,200.00
Amendment No. 2	0.00
Proposed Amendment No. 3	0.00
New Contract Total	$7,278,098.00

FINANCIAL PLAN IMPACT

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

Funding Source: Wastewater Construction Fund

Cost Center: Field Engineering

Expense Type: Construction (5421-892211.000-617950-232001)

This proposed amendment is for an extension of time only. Although the amendment extends the final completion date into FY 2024, there is no substantive financial impact.

COMMITTEE REVIEW

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