



Legislation Text

File #: 2024-204, Version: 1

Proposed Amendment No. 4
Contract No. GLWA-CS-168
Rehabilitation of Conveyance System Interceptors and Trunk Sewers
CIP #260205/BCE Score: 60.3

Agenda of: May 22, 2024

Item No.: **2024-204**

Amount:	Original Contract	\$2,999,986.00
	Amendment No. 1	1,509,950.00
	Amendment No. 2	175,780.39
	Amendment No. 3	95,000.00
	Proposed Amendment No. 4	210,000.00
	New Contract Total	\$4,990,716.39

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: May 15, 2024

RE: **Proposed Amendment No. 4**
Contract No. GLWA-CS-168
Rehabilitation of Conveyance System Interceptors and Trunk Sewers
Vendor: FK Engineering Associates

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-168, Proposed Amendment No. 4, "Rehabilitation of Conveyance System Interceptors and Trunk Sewers" with FK Engineering Associates, at an increased cost of \$210,000.00 for a total cost not to exceed \$4,990,716.39 with no increase in duration for a total duration of 2,922 days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

Under this contract, numerous outfalls, and several miles of the Northwest Interceptor (NWI) have been assessed. The

pipeline assessments have led to several construction projects, including the active construction project GLWA 2102824 that CS-168 provides construction assistance services for, and several other completed construction projects. The work in the NWI for grouting to remove infiltration and fill void space behind the pipe (future sinkholes) will exceed the planned quantities as will the debris removal necessary to facilitate pipe grouting. Furthermore, safe access to the manholes for execution of this work will require up to 1,127 new manhole steps due to existing steps being missing or in poor condition.

JUSTIFICATION

The construction contract was originally to be completed by June 1, 2024, and now the final completion date is being extended to August 31, 2024. CS-168 was originally scheduled to achieve final completion on August 21, 2025, which was to allow time after original construction completion for warranty sewer inspections. The consultants' activities for construction assistance were planned to end at the original construction final completion date (June 1, 2024). However, due to the additional construction activities (grouting, debris removal, and manhole steps), additional construction assistance is required to ensure proper execution of the construction work with no lapse in construction assistance.

PROJECT MANAGEMENT STATUS

Original Contract Time	1,096 days (09/01/2017 - 08/31/2020)
Amendment No. 1	1,095 days (09/01/2020 - 08/31/2023)
Amendment No. 2	731 days (09/01/2023 - 08/31/2025)
Amendment No. 3	0 days
Proposed Amendment No. 4	0 days
Contract Time	2,922 days (09/01/2017 - 08/31/2025)

PROJECT ESTIMATE

Original Contract Price	\$ 2,999,986.00
Amendment No. 1	1,509,950.00
Amendment No. 2	175,780.39
Amendment No. 3	95,000.00
Proposed Amendment No. 4	210,000.00
New Contract Total	\$ 4,990,716.39

FINANCIAL PLAN IMPACT

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

Funding Source: Wastewater Construction Fund

Cost Center: Wastewater Field Engineering

Expense Type: Construction (5421-892411.000-617950-260205)

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

Original Contract Price	\$ 2,999,986.00
Amendment No. 1	1,509,950.00
Amendment No. 2	175,780.39
Amendment No. 3	95,000.00
Proposed Amendment No. 4	<u>210,000.00</u>
New Contract Total	4,990,716.39
Amended Financial Plan Estimate	<u>5,809,000.00</u>
Estimating Variance	\$ 818,283.61

COMMITTEE REVIEW

This item is being presented directly to the GLWA Board of Directors.

SHARED SERVICES IMPACT

This item does not impact the shared services agreement between GLWA and DWSD.