



Legislation Text

File #: 2022-552, Version: 1

Proposed Change Order No. 1

Contract No. 2102859

Conveyance System Infrastructure Improvements

CIP #260701 / BCE Score: 60.10

Agenda of: December 14, 2022

Item No.: **2022-552**

Amount:	Original Contract	\$36,863,000.00
	Proposed Change Order No. 1	0.00
	Total Revised Contract	\$36,863,000.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: December 2, 2022

RE: Proposed Change Order No. 1
Contract No. 2102859
Conveyance System Infrastructure Improvements
Vendor: Jay Dee Contractors, 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. 2102859 Proposed Change Order No. 1 "Conveyance System Infrastructure Improvements" with Jay Dee Contractors, Inc., with no increase in cost, for a total cost not to exceed \$36,863,000.00 and an increased duration of 365 days for a total contract duration of 1,155 days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

GLWA is responsible for the operation and maintenance of over 60 combined sewer overflow (CSO) outfalls on the Detroit and Rouge Rivers. Each of these outfalls are critical wastewater infrastructures that convey flows within the sewer system.

Phase I of the Conveyance System Infrastructure Improvements Project consists of 59 CSO outfalls. These outfalls are made up of connecting sewers, diversion dams, regulator gates, and backwater gates. Although not every outfall has regulator gates or backwater gates, the purpose of these outfalls is the same. During wet weather periods, these CSO outfalls can redirect a portion of the wet weather flow from the Detroit River Interceptor (DRI), Oakwood Northwest Interceptor (OWNI) or Northwest Interceptor (NWI) through the outfall and to the Detroit or Rouge Rivers. Dry weather flow and wet weather flow that does not get redirected is sent to the Water Resource Recovery Facility (WRRF) via the DRI, OWNI, and NWI.

Due to the years of use and weathering, many of the structural, mechanical, and electrical aspects of the CSO outfalls have become deteriorated and difficult to maintain or operate. The backwater gates are well past their design life, and completely missing in some cases. The regulator gates are corroding and in need of rehabilitation or replacement and most of the electrical equipment is out-of-date and past its design life.

JUSTIFICATION

This proposed change order is needed to complete work initiated under this contract.

PROJECT MANAGEMENT STATUS

Original Contract Time	790 days	(10/11/2022 - 12/09/2024)
Proposed Change Order No. 1	365 days	(12/10/2024 - 12/09/2025)
New Contract Time	1,155 days	(10/11/2022 - 12/09/2025)

PROJECT ESTIMATE

Original Contract Price	\$ 36,863,000.00
Proposed Change Order No. 1	0.00
New Contract Total	\$ 36,863,000.00

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 (5421-892411.000-616900-260701)

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

Original Contract Price	\$36,863,000.00
Proposed Change Order No. 1	<u>0.00</u>
New Contract Total	36,863,000.00
Amended Financial Plan Estimate	<u>36,863,000.00</u>
Estimating Variance	\$ 0.00

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on December 14, 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.