



Legislation Text

File #: 2022-042, Version: 1

Contract No. 2101255
Belle Isle Seawall Rehabilitation
CIP #116005 / BCE Score: 63.4

Agenda of: February 23, 2022
Item No.: **2022-042**
Amount: \$1,039,058.63

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: February 2, 2022

RE: **Contract No. 2101255**
Belle Isle Seawall Rehabilitation
Vendor: Dean Marine & Excavating, 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 Interim Chief Executive Officer (ICEO) to **enter into Contract No. 2101255 “Belle Isle Seawall Rehabilitation” with Dean Marine & Excavating, Inc., at a cost not to exceed \$1,039,058.63 for a duration of 715 days;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

Contract No. 2101255 is a design-build contract that involves the design and construction of seawall and shoreline stabilization improvements at the head of GLWA's Belle Isle intake lagoon. Severe erosion has occurred along the shoreline over the past several years due to a failed seawall. The condition has been exacerbated because of high water levels and, if left unabated, will cause additional damage to nearby structures. The purpose of this project is to improve the seawall by engineering and installing a seawall that will increase the coverage area of protection on the lagoon

dike tip and is designed to withstand the water levels that have recently been experienced. Lastly, the project will restore a failed storm water collection system that is threatening to undermine the security fencing. The project will be substantially and finally completed within 545 and 715 days, after the Notice to Proceed is issued, respectively.

JUSTIFICATION

The Belle Isle Intake serves three of GLWA's five water treatment plants - Springwells, Northeast, and Water Works Park. The existing seawall has failed, and the land will continue to erode. Improvement of the seawall is needed to prevent further erosion and failure of the seawalls and nearby structures.

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 (5519-882111.000-616900-116005)

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

Fiscal Year

FY 2022 Plan Spend	\$ 210,000.00
FY 2023 Plan Spend	548,000.00
FY 2024 Plan Spend	<u>1,648,000.00</u>
Financial Plan Estimate	\$ 2,406,000.00
Proposed Contract Award	<u>1,039,058.63</u>
Estimating Variance	\$ 1,366,941.37

The amounts above are per Draft 2 of the FY2023-2027 CIP Plan. A budget amendment will be prepared to adjust the Capital Reserves to allow for alignment of planned spend.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on February 9, 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.