



## Legislation Details (With Text)

**File #:** 2022-042      **Version:** 1      **Name:**  
**Type:** Resolution      **Status:** Passed  
**File created:** 2/1/2022      **In control:** Board of Directors  
**On agenda:** 2/23/2022      **Final action:** 2/23/2022  
**Title:** Contract No. 2101255  
Belle Isle Seawall Rehabilitation  
CIP #116005 / BCE Score: 63.4  
**Sponsors:** Cheryl Porter  
**Indexes:** Water Operations  
**Code sections:**

**Attachments:** 1. 2101255 Procurement Board Report, 2. 2101255.Cost Tabulation - Notice of Respondents

Date	Ver.	Action By	Action	Result
2/23/2022	1	Board of Directors	Approved	Pass
2/9/2022	1	Operations and Resources Committee	Recommended for Approval	Pass

**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.