



## Legislation Details (With Text)

**File #:** 2022-133      **Version:** 1      **Name:**  
**Type:** Resolution      **Status:** Passed  
**File created:** 4/1/2022      **In control:** Board of Directors  
**On agenda:** 4/27/2022      **Final action:** 4/27/2022  
**Title:** Contract No. 2100236  
Reservoir Inspection, Design, Construction Administration, Resident Project Representative (RPR) Services  
CIP #170802 / BCE Score: N/A  
**Sponsors:** Cheryl Porter  
**Indexes:** Water Operations  
**Code sections:**  
**Attachments:** 1. 2100236 Procurement Board Report, 2. 2100236 Cost Tabulation

Date	Ver.	Action By	Action	Result
4/27/2022	1	Board of Directors	Approved	Pass
4/13/2022	1	Operations and Resources Committee	Recommended for Approval	Pass

### Contract No. 2100236

#### Reservoir Inspection, Design, Construction Administration, Resident Project Representative (RPR) Services

**CIP #170802 / BCE Score: N/A**

Agenda of: April 27, 2022  
Item No.: **2022-133**  
Amount: \$10,778,785.00

**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 1, 2022

**RE:** **Contract No. 2100236**  
**Reservoir Inspection, Design, Construction Administration, Resident Project Representative (RPR) Services**

**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. 2100236 “Reservoir Inspection, Design, Construction Administration, RPR Services” with Brown and Caldwell, LLC, at a cost not to exceed \$10,778,785.00 for a duration of 2,071 days;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

### **BACKGROUND**

GLWA operates and maintains 30 finished water reservoirs and administers a reservoir inspection and rehabilitation program under CIP No. 170800. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) requires that finished water reservoirs are inspected every five years to ensure the reservoirs comply with sanitary requirements and are structurally sound. The scope of services under this contract (CIP No. 170802) includes inspecting and improving up to 15 of the system reservoirs and developing contract documents to competitively bid for construction activities. This contract will also provide construction administration phase assistance and resident project representation (RPR) services.

### **JUSTIFICATION**

Finished water reservoirs must be inspected every five years to comply with EGLE regulatory requirements. Any critically deteriorated conditions or compromised sanitary conditions that are discovered must be corrected prior to returning a reservoir to service to ensure water quality is protected, and the structural integrity of the reservoirs is maintained.

### **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 (5519-882111.000-617950-170802)

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

#### **Fiscal Year**

FY 2022 Plan Spend	\$ 469,000.00
FY 2023 Plan Spend	1,066,000.00
FY 2024 Plan Spend	1,069,000.00
FY 2025 Plan Spend	1,066,000.00

FY 2026 Plan Spend	1,066,000.00
FY 2027 Plan Spend	<u>516,000.00</u>
Financial Plan Estimate	\$ 5,252,000.00
Proposed Contract Award	<u>10,778,785.00</u>
Estimating Variance	\$ (5,526,785.00)

This proposed contract is being funded from the unallocated Program 170800 - System-Wide Finished Water Reservoir Inspection, Design and Rehabilitation balance identified in FY 2023 - 2027 CIP Plan.

### **COMMITTEE REVIEW**

This item was presented to the Operations and Resources Committee at its meeting on April 13, 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.