



Legislation Text

File #: 2022-133, Version: 1

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.