



Legislation Text

File #: 2019-105, Version: 1

Contract No. 1802774

Springwells Water Treatment Plant 1930 Sedimentation Basin Sluice Gates, Guides, and Hoist Improvements

CIP#/BCE Score: 114008/52.8

Agenda of: March 27, 2019

Item No.: **2019-105**

Amount: \$13,703,000.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

FROM: Sue F. McCormick
Chief Executive Officer
Great Lakes Water Authority

DATE: March 6, 2019

RE: **Contract No. 1802774**
Springwells Water Treatment Plant 1930 Sedimentation Basin Sluice Gates, Guides, and Hoist Improvements
Vendor: Kokosing Industrial, 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. 1802774 "Springwells Water Treatment Plant 1930 Sedimentation Basin Sluice Gates, Guides, and Hoist Improvements" with Kokosing Industrial, Inc., at a cost not to exceed \$13,703,000.00 for a duration of three (3) years;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

The existing eight (8) sluice gates, guides, operators, and appurtenances that control influent and effluent flows to and from the 1930 sedimentation basins were installed in 1930 and are in need of replacement. The new sluice gate system will be designed and constructed to meet plant operations and maintenance needs. This project involves the replacement

of this infrastructure, which meets industry best practices.

JUSTIFICATION

The existing gate operators are cable hoists that afford little room for maneuvering the gates into and out of the channel guides. This makes operation of the sluice gates slow and cumbersome. Likewise, the existing guides are worn, which further complicates gate operation. Furthermore, access to the top-side of the existing gates is difficult and also complicates maintenance work. The new sluice gates, gate operators and appurtenances will be designed and installed to improve operability and access for maintenance purposes creating a safer work environment. The design-build contractor will provide design, construction administration, resident project representation, and construction services for the replacement of the sluice gates, guides, operators, and appurtenances at the Springwells Water Treatment Plant.

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 (5519-882111.000-616900-114008)

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

Based on 2020-2024 CIP Preliminary Draft# 2:

Fiscal Year

FY 2019 Budget	\$ 411,000.00
FY 2020 Budget	4,123,000.00
FY 2021 Budget	6,800,000.00
FY 2022 Budget	<u>5,667,000.00</u>
Financial Plan Estimate	\$17,001,000.00
Proposed Contract Award	<u>13,703,000.00</u>
Positive Estimating Variance	\$ 3,298,000.00

The award of this contract provides a positive estimating variance of \$3,298,000.00 which will be adjusted to Capital Reserves.

SAVINGS, COST OPTIMIZATION, AND REVENUE ENHANCEMENT IMPACT

This project is the rehabilitation or replacement of the sluice gates, guides and hoists at the 1930s filter building at the Springwells Water Treatment Plant. Cost savings are not determinable at the time of this award.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on March 13, 2019. 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.