



Legislation Details (With Text)

File #: 2018-783 **Version:** 1 **Name:**
Type: Resolution **Status:** Passed
File created: 6/7/2018 **In control:** Board of Directors
On agenda: 6/20/2018 **Final action:** 6/20/2018
Title: Contract No.: GLWA CON-279
Rehabilitation of Central Offload Facility at WRRF
Sponsors: Suzanne Coffey (WRRF)
Indexes: Wastewater Operations
Code sections:
Attachments: 1. GLWA-CON-279 Bidtab, 2. CIP 213002 WRRF COF Rehab, 3. GLWA-CON-279-Procurement Report

Date	Ver.	Action By	Action	Result
6/20/2018	1	Board of Directors	Approved	Pass

Contract No.: GLWA CON-279 **Rehabilitation of Central Offload Facility at WRRF**

Agenda of: June 20, 2018
Item No.: **2018-783**
Amount: \$14,347,000.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: June 1, 2018

RE: **Contract No.: GLWA CON-279**
Rehabilitation of Central Offload Facility at WRRF
Vendor: Walsh Construction

MOTION

Upon recommendation of Suzanne Coffey, Chief Planning Officer, Interim Chief Operating Officer - Wastewater, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Chief Executive Officer (CEO) to **enter into Contract No. GLWA-CON-279, "Rehabilitation of Central Offload Facility at WRRF" with Walsh Construction, at a cost not to exceed**

\$14,347,000.00 for a duration of 795 days from Start of Work; and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

The Central Offload Facility (COF) at the Water Resource Recovery Facility (WRRF) started operation in 2005. The purpose of the COF is to process and deliver dewatered sludge to trucks for off-site disposal. The facility is normally operated to stabilize sludge with the use of lime before loading to trucks but can also be operated to deliver raw sludge cake to the trucks. The facility receives dewatered sludge from Dewatering Complexes I and II. The COF can be used in any combination with the Biosolids Drying Facility and Complex II Incineration.

The major equipment in this facility includes sludge storage bins, screw conveyors, belt conveyors, lime storage silos, lime mixers, and a retractable screw conveyor for outdoor sludge storage.

JUSTIFICATION

After 13 years of operation, a major refurbishment and/or replacement of the existing equipment is necessary. This project will improve the reliability and performance of the facility and create a safer working environment. It will also enable the facility to meet the National Pollutant Discharge Elimination System (NPDES) permit requirements for sludge hauling and disposal. While this facility is the last choice of sludge disposal, it is used weekly to ensure readiness and is critical for peak sludge processing that needs to occur during large storm events.

FINANCIAL PLAN IMPACT

Summary: Sufficient funds are provided in the financial plan for this project.

Funding Source: Sewage Disposal Construction Bond

Cost Center: Wastewater Engineering

Expense Type: Construction (5421-892211.000-616900-213002)

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

Fiscal Year	Amount
FY 2019 Plan	\$5,500,000.00
FY 2020 Plan	6,500,000.00
FY 2021 Plan	<u>4,000,000.00</u>
Financial Plan Estimate	\$16,000,000.00
Maximum Contract	<u>14,347,000.00</u>
Estimating Variance	<u>\$1,653,000.00</u>

SAVINGS, COST OPTIMIZATION, AND REVENUE ENHANCEMENT IMPACT

The award of this contract provides a variance of \$1,653,000.00 (\$16,000,000.00 project estimate less \$14,347,000.00 actual)

Project estimate	\$16,000,000.00
Actual bid	\$14,347,000.00
Estimating variance	\$1,653,000.00

COMMITTEE REVIEW

This item is being presented directly to the full Board of Directors for consideration.

SHARED SERVICES IMPACT

This item does not impact the shared services agreement between GLWA and DWSD.