



Legislation Details (With Text)

File #: 2020-270 **Version:** 1 **Name:**
Type: Resolution **Status:** Passed
File created: 8/5/2020 **In control:** Board of Directors
On agenda: 8/26/2020 **Final action:** 8/26/2020
Title: Proposed Amendment No. 2
Contract No. GLWA-CS-090A
Instrumentation & SCADA Systems Service
O&M
Sponsors: Cheryl Porter, Todd King
Indexes: Water Operations
Code sections:
Attachments:

Date	Ver.	Action By	Action	Result
8/26/2020	1	Board of Directors	Approved	Pass
8/12/2020	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Amendment No. 2

Contract No. GLWA-CS-090A

Instrumentation & SCADA Systems Service

O&M

Agenda of: August 26, 2020

Item No.: **2020-270**

Amount:	Original Contract	\$5,663,694.76
	Amendment No. 1	2,319,222.00
	Proposed Amendment No. 2	2,319,222.00
	Total Revised Contract	\$10,302,138.76

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: August 5, 2020

RE: Proposed Amendment No. 2
Contract No. GLWA-CS-090A
Instrumentation & SCADA Systems Service
Vendor: PCI, 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 Chief Executive Officer (CEO) to **enter into Contract No. GLWA-CS-090A Proposed Amendment No. 2 “Instrumentation & SCADA Systems Service” with PCI, LLC, at an increased cost of \$2,319,222.00 for a total cost not exceed \$10,302,138.76, and an increased duration of 12 months for a total contract duration of 48 months;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

GLWA has invested in a Supervisory Control and Data Acquisition (SCADA) system to monitor and operate the five water treatment plants, 19 booster stations, nine sewage lift stations, and over 300 remote sites that monitor and control the transmission and collection systems. This investment also added a number of control workstations and a large number of sensors and control devices to GLWA processes to enable better monitoring, control and coordination of GLWA water and sewer operations. This system has aged gracefully given the rapid advances in the computer industry; however, 20 years is several lifetimes with respect to this technology and there is a constant need for the specialized services necessary to keep the system operational and functioning in accordance with the needs and demands of GLWA. Contract No. GLWA-CS-090A provides for the ongoing maintenance and support, along with automation upgrade projects to integrate new systems into the process control system.

JUSTIFICATION

The services provided under Contract No. GLWA-CS-090A allow GLWA to monitor, operate and maintain its extensive SCADA control system. Due to the age and nature of our control systems, there is a constant need to maintain and improve the various components of the SCADA network on a continual basis. In addition, there are periodic outages, due to electrical or physical causes, that must be addressed on an urgent or emergency basis. As Water and Field Services utilizes emergency contracts for repairs of water transmission mains, this contract allows for immediate availability of resources to complete this specialized work.

Because the nature of this work varies based on the accelerated cycles of the computer industry, the most cost-effective maintenance of the system is how this contract has been established to meet the needs of the GLWA system. The nature of the job order contract (JOC) requires that bids be prepared for each task assignment and have multiple vendors for each type of work. The JOC process would not be suitable for securing SCADA services and therefore, could potentially put significant portions of the GLWA water and sewer services area at risk.

Therefore, GLWA staff highly recommends approval of this second extension and will begin preparation of the new RFP to re-bid this project under a similar contract term and structure for an additional two (2) base years with two (2) optional one-year extensions.

PROJECT MANAGEMENT STATUS

Original Contract Time	24 months
Amendment No. 1	12 months
Proposed Amendment No. 2	12 months
New Contract Time	48 months

PROJECT ESTIMATE

Original Contract Price	\$5,663,694.76
Amendment No. 1	2,319,222.00
Proposed Amendment No. 2	2,319,222.00
New Contract Total	\$10,302,138.76

FINANCIAL PLAN IMPACT

Summary: The proposed contract with PCI, LLC encompasses Operations & Maintenance expense only. The FY 2021 budget and five-year financial plan was based on the previous contract period. The value of the contract exceeds the current financial plan in total. Potential positive variances of other contractual services as well as the use of this service may vary by year. Sufficient funds will be provided in the Operations & Maintenance (O&M) financial plan for this contract related to contractual professional services.

Funding Source: Operations & Maintenance (O&M) Budget

Cost Center(s): Systems Operations Control (Centralized Services cost center 882301)

Expense Type(s): Contractual Professional Services (617903)

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

<u>Fiscal Year</u>	<u>Amount</u>
FY 2018 Budget	\$2,831,847
FY 2019 Budget	2,831,847
FY 2020 Budget	2,320,800
FY 2021 Budget	<u>2,100,000</u>
Financial Plan Forecast	\$10,084,494
Proposed Contract Amount	<u>\$10,302,138</u>
Variance (positive/ (negative))	(\$217,644)

SAVINGS, COST OPTIMIZATION, AND REVENUE ENHANCEMENT IMPACT

The award of this contract provides a variance of \$217,644 (\$10,084,494 financial plan forecast less \$10,302,138 proposed contract amount). Contractual services are dependent on several factors such as, delays in estimated start and end dates, environmental constraints, and other unforeseen

circumstances that can cause the expenses to fluctuate from fiscal year to fiscal year.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on August 12, 2020. 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.