



Legislation Details (With Text)

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On agenda: 1/26/2022 **Final action:** 1/26/2022
Title: Proposed Amendment No. 4
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
1/26/2022	1	Board of Directors	Approved	Pass
1/12/2022	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Amendment No. 4

Contract No. GLWA-CS-090A

Instrumentation & SCADA Systems Service

O&M

Agenda of: January 26, 2022

Item No.: **2022-004**

Amount:	Original Contract	\$5,663,694.76
	Amendment No. 1	2,319,222.00
	Amendment No. 2	2,319,222.00
	Amendment No. 3	0.00
	Proposed Amendment No. 4	2,319,222.00
	Total Revised Contract	\$12,621,360.76

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: January 5, 2022

RE: Proposed Amendment No. 4

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 Interim Chief Executive Officer (ICEO) to **enter into Contract No. GLWA-CS-090A Proposed Amendment No. 4 “Instrumentation & SCADA Systems Service” with PCI, LLC, at an increased cost of \$2,319,222.00 for a total cost not to exceed \$12,621,360.76 and an increased duration of 12 months for a total duration of 66 months;** and authorizes the ICEO 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, reliance on technology requires special technical support to ensure operability, therefore, 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.

This contract was initially executed June 14, 2017, with a notice-to-proceed issued August 14, 2017, and completion date of August 14, 2019, with a budget of \$5,663,694.76. The original contract was for a two-year term with provisions for two additional one-year extensions with additional annual budgets of \$2,319,222.00 per annum. These extensions were approved by the Board under Amendment Nos. 1 and 2. Amendment No. 3 was a time only extension of 6 months with no change to the authorized budget of \$10,302,138.76 and was approved by the Board on July 28, 2021. The replacement contract, 2102983, is being prepared for advertisement, bid, and award, and therefore, this Amendment No. 4 is requesting a time and budget extension to allow for continuity of services until the new contract can be in effect. Amendment No. 4 is requesting an additional year of services, along with an additional funding of \$2,319,222.00 to provide for a final budget of \$12,621,360.76 and end date of February 14, 2023.

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.

Therefore, GLWA staff highly recommends approval of this fourth amendment while the new RFP 2102983 to re-bid this project is being prepared with a similar contract term and structure for an additional two (2) base years with two (2) optional one-year renewals. The anticipated advertisement/solicitation date is February 2022.

PROJECT MANAGEMENT STATUS

Original Contract Time	24 months	(08/14/2017 - 08/14/2019)
Amendment No. 1	12 months	(08/15/2019 - 08/14/2020)
Amendment No. 2	12 months	(08/15/2020 - 08/14/2021)
Amendment No. 3	6 months	(08/15/2021 - 02/14/2022)
Proposed Amendment No. 4	12 months	(02/15/2022 - 02/14/2023)
New Contract Time	66 months	(08/14/2017 - 02/14/2023)

PROJECT ESTIMATE

Original Contract Price	\$5,663,694.76
Amendment No. 1	2,319,222.00
Amendment No. 2	2,319,222.00
Amendment No. 3	0.00
Proposed Amendment No. 4	2,319,222.00
New Contract Total	\$12,621,360.76

FINANCIAL PLAN IMPACT

Summary: The proposed amendment with PCI, LLC encompasses Operations & Maintenance expense only. The FY 2022 budget and five-year financial plan was based on the previous contract period. The value of the contract is within 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	\$2,831,847.00
FY 2019 Budget	2,831,847.00
FY 2020 Budget	2,320,800.00
FY 2021 Budget	2,100,000.00
FY 2022 Budget	2,100,000.00
FY 2023 Budget (Prorated)	<u>1,225,000.00</u>
Financial Plan Forecast	\$13,409,494.00
Proposed Contract Amount	<u>\$12,621,360.76</u>
Variance (positive/(negative))	\$788,133.24

COMMITTEE REVIEW

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