



## Legislation Details (With Text)

**File #:** 2023-090      **Version:** 1      **Name:**

**Type:** Resolution      **Status:** Passed

**File created:** 2/21/2023      **In control:** Board of Directors

**On agenda:** 3/22/2023      **Final action:** 3/22/2023

**Title:** Proposed Amendment No. 5  
Contract No. GLWA-CS-090A  
Instrumentation & SCADA Systems Service  
O&M

**Sponsors:** Cheryl Porter

**Indexes:** Water Operations

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
3/22/2023	1	Board of Directors	Approved	Pass
3/8/2023	1	Operations and Resources Committee	Recommended for Approval	Pass

### Proposed Amendment No. 5

### Contract No. GLWA-CS-090A

### Instrumentation & SCADA Systems Service

### O&M

Agenda of: March 22, 2023

Item No.: **2023-090**

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
	Amendment No. 4	2,319,222.00
	Proposed Amendment No. 5	0.00
	Total Revised Contract	\$12,621,360.76

**TO:** The Honorable  
Board of Directors  
Great Lakes Water Authority

**FROM:** Suzanne R. Coffey, P.E.  
Chief Executive Officer

Great Lakes Water Authority

**DATE:** February 24, 2023

**RE: Proposed Amendment No. 5**  
**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. 5 “Instrumentation & SCADA Systems Service” with PCI, LLC, with no increase in cost for a total cost not to exceed \$12,621,360.76 and an increased duration of 12 months for a total duration of 78 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, 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.

Amendment No. 5 is for a time extension only to complete the ongoing tasks and cover the warranty period.

**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)
Amendment No. 4	12 months	(02/15/2022 - 02/14/2023)
Proposed Amendment No. 5	12 months	(02/15/2023 - 02/14/2024)
New Contract Time	78 months	(08/14/2017 - 02/14/2024)

**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
Amendment No. 4	2,319,222.00
Proposed Amendment No. 5	0.00
New Contract Total	\$12,621,360.76

**FINANCIAL PLAN IMPACT**

Summary: The proposed amendment with PCI, LLC encompasses Operations & Maintenance expense only. The FY 2024 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)

**COMMITTEE REVIEW**

This item was presented to the Operations and Resources Committee at its meeting on March 8, 2023. 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.