



## Legislation Details (With Text)

**File #:** 2019-274      **Version:** 1      **Name:**

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

**File created:** 7/2/2019      **In control:** Board of Directors

**On agenda:** 7/24/2019      **Final action:** 7/24/2019

**Title:** Proposed Amendment No. 1  
Contract No. 1901718 GLWA-CS-090A  
Instrumentation & SCADA Systems Service

**Sponsors:** Cheryl Porter, Todd King

**Indexes:** Water Operations

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
7/24/2019	1	Board of Directors	Approved	Pass
7/24/2019	1	Operations and Resources Committee	Recommended for Approval	Pass

### Proposed Amendment No. 1

### Contract No. 1901718 GLWA-CS-090A

### Instrumentation & SCADA Systems Service

Agenda of: July 24, 2019

Item No.: **2019-274**

Amount:	Original Contract	\$5,663,694.76
	Proposed Amendment No. 1	2,319,222.00
	Total Revised Contract	\$7,982,916.76

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

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

**DATE:** July 3, 2019

**RE:** **Proposed Amendment No. 1**  
**Contract No. 1901718 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. 1901718 GLWA-CS-090A Amendment No. 1 “Instrumentation & SCADA Systems Service” with PCI, LLC, at an increased cost of \$2,319,222.00 for a total cost not to exceed \$7,982,916.76 and an increased duration of 12 months for a total contract duration of 36 months;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

**BACKGROUND**

Contract No. PC-713, “Organization-Wide Instrumentation, Control and Computer Systems Program II”, provided a new Supervisory Control and Data Acquisition (SCADA) system. PC-713 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 facilities and processes. GLWA-CS-090A will provide automation upgrade projects and integrate upgraded systems to the Organization-Wide Process Control System.

**JUSTIFICATION**

Over the past decade, the GLWA has put forth efforts to innovate and improve its process instrumentation and controls systems to ensure delivery of world class water and wastewater services. The Emergency generators at the stations and water treatment plants provide backup power and peak shaving capabilities. These generators were installed in late 1990s and controls for them are obsolete. In addition, they can only be ran locally. Since most of GLWA facilities are unmanned, remote operation of the generators from Systems Control Center is necessary for greater operational flexibility.

GLWA is also looking for support instrumentation and controls initiatives needed to remain current with the technologies of today. The services requested will include support and assistance to GLWA’s System Control Center to perform instrumentation and control activities on the water transmission and wastewater collection systems. Activities include, but are not limited to control systems upgrades, integration of standalone systems to Ovation, security audits, and upgrades of hardware.

**PROJECT MANAGEMENT STATUS**

Original Contract Time	24 Months
Proposed Amendment No. 1	12 Months
New Contract Time	36 Months

**PROJECT ESTIMATE**

Original Contract Price	\$ 5,663,694.76
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Proposed Amendment No. 1     \$ 2,319,222.00

New Contract Total                             \$ 7,982,916.76

**FINANCIAL PLAN IMPACT**

**Summary:** The proposed contract with PCI, LLC encompasses Operations & Maintenance expense only. The FY 2020 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. 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	<u>2,320,800</u>
Financial Plan Forecast	\$7,984,494
Proposed Contract Amount	<u>\$7,982,917</u>
Variance (positive/ (negative))	\$1,577

**SAVINGS, COST OPTIMIZATION, AND REVENUE ENHANCEMENT IMPACT**

The award of this contract provides a variance of \$1,577 (\$7,984,494 financial plan forecast less \$7,982,917 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 Special Meeting on July 24, 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.