Legislation Details (With Text)

File #:	2022-205	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	Passed
File created:	5/25/2022			**In control:**	Board of Directors
On agenda:	6/22/2022			**Final action:**	6/22/2022
Title:	Proposed Amendment No. 4 Contract No. SCO-1134 Ovation Upgrade and Support Services Vendor: Emerson Process Management Power & Water Solutions, Inc.				
Sponsors:	Navid Mehram				
Indexes:	Wastewater Operations				
Code sections:					
Attachments:					

Date	Ver.	Action By	Action	Result
6/22/2022	1	Board of Directors	Approved	Pass
6/8/2022	1	Operations and Resources Committee	Recommended for Approval	Pass

Proposed Amendment No. 4
Contract No. SCO-1134
Ovation Upgrade and Support Services
Vendor: Emerson Process Management Power & Water Solutions, Inc.

Agenda of: June 22, 2022
Item No.: **2022-205**

Amount:		
	Original Contract	$164,699.00
	Amendment No. 1	432,599.00
	Amendment No. 2	4,461,184.00
	Amendment No. 3	0.00
	Proposed Amendment No. 4	0.00
	Total Revised Contract	$5,058,482.00

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: May 27, 2022

RE: **Proposed Amendment No. 4**

Contract No. SCO-1134
Ovation Upgrade and Support Services
Vendor: Emerson Process Management Power & Water Solutions, Inc.

MOTION

Upon recommendation of Navid Mehram, Chief Operating Officer - Wastewater Operating 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. SCO-1134, Proposed Amendment No. 4, "Ovation Upgrade and Support Services" with Emerson Process Management Power & Water Solutions, Inc., with no increase in cost, for a total cost not to exceed $5,058,482.00 and an increased duration of 365 days for a total contract duration of 1,826 days;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

GLWA utilizes the Ovation Distributed Control System (DCS) for monitoring and controlling the equipment required for GLWA to treat, distribute, and collect water and wastewater. The Ovation system installation originally began as part of the design/build/maintain contract PC-713 in 2000. Subsequently, the system was upgraded as part of PC-773 in 2013. Emerson is the manufacturer and developer of the Ovation DCS.

The GLWA DCS system is a large and complex system comprising over 1,500 networked assets: controllers, servers, workstations, meters, instruments, and printers. The Ovation DCS spans all GLWA sites including the Water Resource Recovery Facility (WRRF), System Control Center (SCC), Water Treatment Plants, Water Booster Stations, Wastewater Pumping Stations, and Combined Sewer Overflow (CSO) facilities. In addition to the above system, GLWA operates an independent Emerson Ovation DCS for Backup Control Center (BCC) in the event of a catastrophic event. The DCS provides operations and maintenance with the following services: cybersecurity, historical data archiving, reporting, and secure remote process monitoring.

JUSTIFICATION

The Ovation DCS is the backbone of our Supervisory Control and Data Acquisition (SCADA) system and is essential for successful operations of our systems and is the core component for informing our operations and maintenance team to maintain regulatory compliance while enhancing operational efficiency.

GLWA is currently in contract negotiations with Emerson to establish a new contract for DCS upgrades, maintenance, and as-needed services. This extension will provide sufficient timing to upgrade unsupported software to the latest version with a fully supported and secure operating system until the new contract is established. Furthermore, the contract includes allowances for direct manufacturer support for software patches, and onsite field engineering services until a replacement contract is in place.

PROJECT MANAGEMENT STATUS

Original Contract Time	1,096 days	(7/12/2018 - 7/11/2021)

Amendment No. 1	0 days	
Amendment No. 2	0 days	
Amendment No. 3	365 days	(7/12/2021 - 7/11/2022)
Proposed Amendment No. 4	365 days	(7/12/2022 - 7/11/2023)
New Contract Time	1,826 days	(7/12/2018 - 7/11/2023)

PROJECT ESTIMATE

Original Contract Price	$ 164,699.00
Amendment No. 1	432,599.00
Amendment No. 2	4,461,184.00
Amendment No. 3	0.00
Proposed Amendment No. 4	0.00
New Contract Price	$ 5,058,482.00

FINANCIAL PLAN IMPACT

Summary: This proposed change order is for an extension of time only. It will allow for project completion and ongoing support of the Ovation DCS. As the support of the Ovation DCS system is a part of the annual financial plan for both Water and Sewer there are sufficient funds provided in the FY 2023 financial plan for this contract extension.

Funding Source (depending on the task):

Operations and Maintenance (O&M),

Improvement & Extension (I&E)

Capital Improvement (CIP) - under allowance 170100 & program 260200

Cost Centers (depending on the task):

Wastewater Process Controls (892222)

Systems Operations Control (882301)

Water Operations (882131)

Expense Types (depending on the task): Tasks assigned under this contact may include:

616900 - Construction

617900 - Contractual Operating Services: Software licensing and network support

617903 - Contractual Professional Services: Ovation System Upgrades

622301 - Repairs & Maintenance: Hardware: repairs and upgrades to controls equipment

622302 - Repairs & Maintenance: Software: Process control systems support services

901100 - Capital Outlay over $5,000 (Capitalized)

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on June 8, 2022. The Operations and Resources Committee unanimously recommended that the GLWA Board adopt the resolution as presented.

SHARED SERVICES IMPACT

The proposed procurement of this item may be shared, in part, at the Belle Isle CSO as well as Belle Isle, Blue Hill, Fischer, and Woodmere Pumping Stations which are shared in part by DWSD and GLWA.