



## Legislation Text

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**File #:** 2018-638, **Version:** 1

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### **GLWA-CON-089A** **Low Voltage Wiring**

**Agenda of:** March 28, 2018  
**Item No.:** **2018-638**  
**Amount:** \$5,498,000.00

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

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

**DATE:** **March 6, 2018**

**RE:** **Contract No.: GLWA-CON-089A**  
**Low Voltage Wiring**  
**Vendor: LGC Global, Inc.**

### **MOTION**

Upon recommendation of Jeffrey Small, Chief Information Officer - Information Technology, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), **authorizes the Chief Executive Officer (CEO) to enter into Contract No. GLWA-CON-089A, "Low Voltage Wiring" with LGC Global, Inc., at a cost not to exceed \$5,498,000.00 for a duration of three (3) years;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

### **BACKGROUND**

This contract is for the furnishing and installation of low voltage wiring systems, including 110 volt wiring, telephone and data jack wiring, antenna mounting and connections, instrument wiring, network wiring, audio/video, paging systems and code call systems at GLWA facilities on a job order basis. The growing demand for audio/video, computers/data lines, and telephones poses an increased challenge to not only maintain, but to continue to develop the communications infrastructure. As the SCADA system infrastructure ages, certain repairs are inherent. Antennas, radios and masts will require repair or replacement. Other projects require connectivity to the GLWA's networks and/or the public network. Construction is another constant element that requires the ongoing need for low voltage wiring services.

### **JUSTIFICATION**

This procurement will provide the support needed to maintain and expand the infrastructure as needed. The work consists of providing low voltage wiring assistance under the direction of GLWA's Information Technology Group.

Specifically, LGC Global Inc. will provide assistance to install and maintain GLWA's low voltage wiring systems including 110/220V power, audio/video, telephone indoor wiring and outside cable, data connections, antenna mounting and connections, instrument wiring, network wiring, fiber networks, paging systems and code call system. This work shall include system improvements and planning, system configuration and material procurement in support of the activities required completing each task.

The scope of services will include the following:

- Installation of low voltage power wiring and components
- Maintenance and repair of the telephone and data wiring systems
- Maintenance and repair of the Radio and Antenna systems
- Installation, maintenance and repair of the Fiber Network
- Maintenance of the Paging, PA, Code Call and speaker systems
- Maintenance and repair of the large UPS system
- Maintenance and replacement of the data network MDF and IDF equipment
- Installation of Instrumentation and associated low voltage wiring

#### **BUDGET IMPACT**

The services under this contract are primarily allocable to the operations and maintenance budget which may or may not be capitalizable, depending upon the nature of the expenditure. The Low Voltage Wiring Contract is budgeted in cost center 883331 - Information Technology Infrastructure (GL String is 5910-883331.000-901060-WS7900)

The amounts for this type of contractual service are provided for in the financial plan for FY 2018 to FY 2021 as shown below, recognizing that the three (3) year contract will begin midway through FY 2018.

GL String	FY 2018	FY 2019	FY 2020
5910-883331.000-901060-WS7900	\$ 1,500,055.00	\$ 2,100,034.00	\$ 1,897,911.00

#### **COMMITTEE REVIEW**

This matter was reviewed by the Operations and Resources Committee at its March 14, 2018 meeting. The Operations and Resources Committee unanimously recommended that the GLWA Board adopt the resolution as presented.

#### **SHARED SERVICES IMPACT**

This item is being procured as a contract for services for GLWA only and does not directly impact the shared services agreement between GLWA and DWSD. DWSD has secured a contract for like services.