

Legislation Text

File #: 2020-017, Version: 1

Contract No. 1901592
GIS Strategic Support Services
BCE Score: O&M Project

Agenda of: February 26, 2020
Item No.: **2020-017**
Amount: \$2,308,910.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: January 17, 2020

RE: **Contract No. 1901592**
GIS Strategic Support Services
Vendor: Magnolia River Services

MOTION

Upon recommendation of Jeffrey E. Small, Chief Information Officer, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Chief Executive Officer (CEO) to **enter into Contract No. 1901592, "GIS Strategic Support Services" with Magnolia River Services, at a cost not to exceed \$2,308,910.00 for a duration of three (3) years, with two (2) one (1) year renewal options;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

The Great Lakes Water Authority (GLWA) operates and maintains an enterprise-level geographic information system (GIS) on an Esri architecture-based platform. The GIS environment consists of servers, databases, applications, and services to map, analyze and report linear assets related to GLWA's water transmission and sewer collection systems. The primary goal of the Strategic GIS Support Services project is to support the strategic management of GLWA's assets through application of GIS data, mapping, analysis and reporting as a core technology platform. GIS as the

database of record for linear assets is a critical component of GLWA's Asset Management Information Systems' (AMIS) portfolio.

JUSTIFICATION

The objective of this contract's scope is to lead the way forward for GLWA's Enterprise GIS Program by building the next level of program maturity together and expanding GIS benefits to all internal business users across GLWA and externally to our member partners and the general public. This is accomplished through **strategic services** and **strategic support** scope of work in this contract by using GIS mapping information as a canvas in which to support communication, operations, and decision making.

Strategic services are needed to develop a high-level Enterprise GIS Program strategy and road map to support asset management and GIS services at GLWA. This support will upgrade and extend the established GIS architecture, GIS business processes, spatial services and GIS integration with other GLWA information systems. These strategic services will enable capital improvement planning and execution using GIS data and services to enrich the engineering and construction processes. This scope will increase collaboration with our Member Partners through bidirectional information sharing and map-driven event communication coordinated through Public Affairs, Systems Planning, Field Services, Systems Control Center and other groups. The project team will create useful and fit-for-purpose GIS applications to provide near real-time access to operations and maintenance data to enhance decision making processes.

Strategic support is needed to improve asset data quality including spatial and attribute completeness and accuracy in GIS database. This support will allow GLWA to maintain pace in the water sector by innovating with the latest GIS technology to prepare for and overcome utility challenges when they surface and enhance our spatial service offerings. Finally, this contract will provide increased technical support and coordination for the IT GIS team and business users through on-site support.

FINANCIAL PLAN IMPACT

Summary: Sufficient funds are provided in the financial plan for this project.

Funding Source: Operations & Maintenance Budget

Cost Center: Information Technology Enterprise Asset Management Systems
(Centralized Services 883351)

Expense Type: Contract Services - Information Technology
(5910-883351.000-617400-WS7900)

Estimated Cost by Year and Related Estimating Variance: See table below

Fiscal Year	Amount
FY 2020 Budget (prorated)	\$192,410.00
FY 2021 Plan	769,640.00
FY 2022 Plan	769,640.00
FY 2023 Plan (prorated)	577,220.00
Financial Plan Estimate	\$2,308,910.00
Maximum Contract	\$2,308,910.00
Estimating Variance	\$0.00

SAVINGS, COST OPTIMIZATION, AND REVENUE ENHANCEMENT IMPACT

The cost savings are not determinable at the time of award.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on February 12, 2020. 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.