



Legislation Text

File #: 2022-227, Version: 1

**Contract No. 2103733**  
**As-Needed Virtual Tour, Laser, and Unmanned Aerial Vehicle Scanning Services**  
**Vendor: Wade Trim Associates, LLC.**

Agenda of:	June 22, 2022	
Item No.:	<b>2022-227</b>	
Amount:	Three Year Contract	\$1,000,000.00
	First Year Renewal Option	250,000.00
	Second Year Renewal Option	250,000.00
	Total Contract	\$1,500,000.00

**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: Contract No. 2103733**  
**As-Needed Virtual Tour, Laser, and Unmanned Aerial Vehicle Scanning Services**  
**Vendor: Wade Trim Associates, LLC.**

**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. 2103733, "As-Needed Virtual Tour, Laser, and Unmanned Aerial Vehicle Scanning Services" with Wade Trim Associates, LLC., in the amount of \$1,000,000.00 for a duration of three (3) years, with two (2) one-year renewal options at a cost not to exceed \$250,000.00 for each renewal year for a total amount of \$1,500,000.00;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

**BACKGROUND**

The Great Lakes Water Authority (GLWA) facilities are vast and complex. As we complete improvements to our facilities, recording record documentation of these facilities can be extremely challenging with 2D information. As new designs and studies are performed for GLWA facilities, having 3-dimensional tours and laser scans allow for better design, improved operations, maintenance engagement, and better bidding of those designs because there are less unknowns or interferences.

### **JUSTIFICATION**

To improve how GLWA completes designs, studies, and construction contracts, a laser scanning and virtual tour contract was developed to serve both Water and Wastewater facilities. The results from these efforts will not only be utilized for design purposes, but will be used in GLWA operations and maintenance by connecting completed virtual tours to our enterprise asset management system, and to our Supervisory Control and Data Acquisition (SCADA) systems through Application Programming Interfaces (APIs) that allow our staff to fully leverage these scans from design (for reliability centered design efforts) through maintenance, by navigating to assets in a virtual setting, creating work orders, and monitoring the assets.

### **FINANCIAL PLAN IMPACT**

**Summary:** The proposed contract will cover both Water and Wastewater Engineering and Operations Teams. The current FY 2023 budget and five-year financial plan were based on previous experience and work performed. The value of the contract would be an additional expense, outside of the current financial plan in total. Since this is an as-needed contract, the budget would be based on the team requesting services based on individual tasks under this proposed contract. Potential positive variances of other contractual services through in task requests as well as the use of this service may vary by year. The financial plan will be adjusted accordingly during the FY 2024 budget preparation to accommodate the proposed contract amount.

**Funding Source:** Operations and Maintenance Budget (O&M - 5910 & 5960)

**Cost Centers:** Water Operations - (All Cost Centers)  
Wastewater Operations - (All Cost Centers)  
Field Service Operations - (882431)  
Systems Operations Control - (882301)

**Expense Types:** Contractual Operating Services (617900)  
Contractual Professional Services (617903)

### **Estimated Cost by Year and Related Estimating Variance:**

<u>Fiscal Year</u>	<u>Amount</u>
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FY 2023 Budget	\$212,600
FY 2024 Financial Plan	215,300
FY 2025 Financial Plan	216,000
FY 2026 Financial Plan	216,850
FY 2027 Financial Plan	<u>218,050</u>
Total Budget	\$1,078,800
Maximum Proposed Contract	<u>\$1,500,000</u>
Variance (positive/(negative))	<u>(\$421,200)</u>

### **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 will be shared by the GLWA and DWSD as outlined in the Shared Services Agreement OPS-008 for work performed at DWSD owned facilities.