

Memorandum



Date: October 6, 2022

To: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

From: Daniella Levine Cava
Mayor

A handwritten signature in blue ink that reads "Daniella Levine Cava".

Agenda Item No. 8(F)(8)

Resolution No. R-923-22

Subject: Recommendation for Approval to Exercise a Renewal Term under Contract L9353-2/25, Trihedral License, Maintenance, Support and Upgrade Services

Summary

This item is recommending the County exercises the two available three-year option to renew terms under this legacy contract to allow the Miami-Dade Water and Sewer Department (WASD) to continue purchasing software licenses, maintenance, support and upgrade services for the Visual Tag Supervisory Control and Data Acquisition (VTScada) System, which is owned by Trihedral, Inc. (Trihedral). The VTScada System is critical for WASD's daily operations as it allows the monitoring and control of various pump stations within the City of Miami Springs. Using the VTScada System, WASD's Emergency Communication Center remotely monitors alarms 24 hours per day and dispatches maintenance crews to the pump stations as needed. VTSCADA was inherited by WASD from the City of Miami Springs in September 2008 as a part of larger acquisition of water and wastewater operating infrastructure.

Recommendation

It is recommended that the Board of County Commissioners (Board) authorize approval to exercise the two, three-year renewal terms available under *Contract No. L9353-2/25, Trihedral License, Maintenance, Support and Upgrade Services*, for the Water and Sewer Department in the amount of \$127,444, pursuant to Section 2-8.1(b)(2) of the Miami-Dade County Code. This legacy contract was approved under delegated authority on November 6, 2014, and awarded to Trihedral for an eight-year term with an allocation of \$244,800. The contract has not been modified since its inception. Board approval is required as the two, three-year option to new terms exceed the County Mayor's delegated authority.

WASD is requesting approval to exercise both option to renew terms with \$127,444 in expenditure authority to continue purchasing software licenses, maintenance, support and upgrade services for the VTScada System. Trihedral is the proprietary owner and developer of the VTScada System and its associated equipment, thus Trihedral is the sole vendor authorized to provide the requested services.

Background

In September 2008, WASD acquired the waste and wastewater operating infrastructure from the City of Miami Springs. This acquisition included over 300 miles of wastewater piping and valves as well as 17 wastewater pumping stations. The existing infrastructure inherited by WASD included the VTScada System which required an upgrade and expansion to meet operating standards mandated by federal and state regulations. Therefore, the previous contract, BW9353-2/13, was established with Trihedral Inc. for WASD to obtain required software licenses, maintenance, support, training, and customization services to ensure compliance with federal and state regulations.

The current contract, L9353-2/25, was established to further expand the City of Miami Springs' VTScada System from a 10,000 tag to a 500,000-tag system. The expansion consisted of an increase in the number of users, Internet Clients, and software updates, as well as engineering services required for the consolidation of tags. The VTScada System allows WASD staff to remotely monitor and control the pump stations; record and view historical data; and generate various reports for WASD's wastewater operating infrastructure. This contract provides WASD with the ability to purchase additional software licenses,

installation, configuration, training, customization, maintenance and support services for the proprietary system.

The availability of competition will be continually monitored so that the need for future legacy purchases is reduced or eliminated as soon as practicable. The County has estimated the cost to replace the VTScada System to be approximately \$700,000. Due to the proprietary nature of the VTScada System, no other vendor is capable of providing licenses, maintenance and support services for this vital system. Without the VTScada software, if any issues were to arise at City of Miami Spring’s pump stations that are managed and monitored by VTScada, WASD wouldn’t have the support available for troubleshooting.

Accordingly, it is in the County’s best interest to exercise the option to renew terms pursuant to Section 2-8.1(b)(2) of the County Code to continue purchasing software licenses, maintenance, support and upgrade services for the VTScada System.

Scope

The scope of this item is countywide in nature.

Fiscal Impact/Funding Source

The contract term expires on October 31, 2022 and has a current cumulative allocation of \$244,800. If this request is approved the contract will have a modified cumulative allocation of \$372,244 and will expire on October 31, 2028.

Department	Current Cumulative Allocation	Allocation Requested for Two Renewal Terms	Modified Cumulative Allocation	Funding Source	Contract Manager
Water and Sewer	\$244,800	\$127,444	\$372,244	Proprietary Funds	Fredrick Taylor
Total:	\$244,800	\$127,444	\$372,244		

Track Record/Monitor

Angela Mathews-Tranumn of the Internal Services Department is the Procurement Contracting Manager.

Delegated Authority

If this item is approved, the County Mayor or County Mayor’s designee will have the authority to exercise all provisions of the contract, including the two renewal terms, as well as any cancellation or extension provisions, pursuant to Section 2-8.1 of the County Code and Implementing Order 3-38.

Awarded Vendor

Vendor	Principal Address	Local Address*	Number of Employee Residents	Principal
			1) Miami-Dade 2) Percentage*	
Trihedral, Inc.	7380 West Sand Lake Road, Suite 100 Orlando, FL	None	0	Barry Baker
			0%	

*Provided pursuant to Resolution No. R-1011-15. Percentage of employee residents is the percentage of vendor’s employees who reside in Miami-Dade County as compared to the vendor’s total workforce.

Due Diligence

Pursuant to Resolution No. R-187-12, due diligence was conducted in accordance with the Internal Services Department's Procurement Guidelines to determine vendor responsibility, including verifying corporate status and that there are no performance and compliance issues. The lists that were referenced included convicted vendors, debarred vendors, delinquent contractors, suspended vendors, and federal excluded parties. There were no adverse findings relating to vendor responsibility.

Applicable Ordinances and Contract Measures

- The two percent User Access Program provision applies.
- The Small Business Enterprise measures and Local Preference do not apply.
- The Living Wage does not apply as the services under this contract are not covered services under the Ordinance.



Jimmy Morales
Chief Operations Officer



MEMORANDUM

(Revised)

TO: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

DATE: October 6, 2022

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(F)(8)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____ to approve
- ☒ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(F)(8)
10-6-22

RESOLUTION NO. _____ R-923-22

RESOLUTION AUTHORIZING COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE TWO, THREE-YEAR OPTION TO RENEW TERMS FOR CONTRACT NO. L9353-2/25, TRIHEDRAL LICENSE, MAINTENANCE, SUPPORT AND UPGRADE SERVICES, IN AN AMOUNT NOT TO EXCEED \$127,444.00 FOR A TOTAL MODIFIED CONTRACT AMOUNT OF \$372,244.00 FOR THE MIAMI-DADE WATER AND SEWER DEPARTMENT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE ALL PROVISIONS OF THE CONTRACT, DURING THE OPTION TO RENEW PERIODS, INCLUDING ANY CANCELLATION OR EXTENSION PROVISIONS, PURSUANT TO SECTION 2-8.1 OF THE COUNTY CODE AND IMPLEMENTING ORDER 3-38

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that:

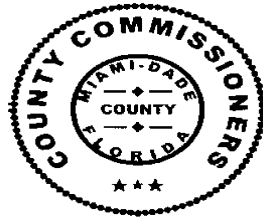
Section 1. This Board authorizes the County Mayor or County Mayor's designee to exercise the two, three-year option to renew terms for Contract No. L9353-2/25, Trihedral License, Maintenance, Support and Upgrade Services, in an amount not to exceed \$127,444.00 for a total modified contract amount of \$372,244.00 for the Miami-Dade Water and Sewer Department.

Section 2. This Board authorizes the County Mayor or County Mayor’s designee to exercise all provisions of the contract, during the option to renew periods, including any cancellation or extension provisions, pursuant to section 2-8.1 of the County Code and Implementing Order 3-38. A copy of the contract is on file with and available upon request from the Internal Services Department, Strategic Procurement Division.

The foregoing resolution was offered by Commissioner **Sally A. Heyman** , who moved its adoption. The motion was seconded by Commissioner **Keon Hardemon** and upon being put to a vote, the vote was as follows:

	Jose “Pepe” Diaz, Chairman	aye	
	Oliver G. Gilbert, III, Vice-Chairman	absent	
Sen. René García	aye	Keon Hardemon	aye
Sally A. Heyman	aye	Danielle Cohen Higgins	aye
Eileen Higgins	aye	Kionne L. McGhee	aye
Jean Monestime	aye	Raquel A. Regalado	aye
Rebeca Sosa	aye	Sen. Javier D. Souto	aye

The Chairperson thereupon declared this resolution duly passed and adopted this 6th day of October, 2022. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

Basia Pruna

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

A handwritten signature in black ink, appearing to read "E. W. Gonzalez", is written over a horizontal line.

Eduardo W. Gonzalez