



City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	File No.:	Item Type:		1 st Reading	2 nd Reading
10/22/2025	25-412	☒ Resolution ☐ Ordinance ☐ Other	Ordinance Reading	N/A	N/A
			Public Hearing	☐	☐
			Advertising Required	☐	☐
			Quasi-Judicial:	☐	☐
Fiscal Impact (\$):	Account Balance (\$):		Funding Source:	Project Number:	
\$452,438.80	\$1,427,505		4989-565000-P2125	P2125	
Contract Required:	P.O. Required:	RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
☒ Yes ☐ No	☒ Yes ☐ No	BID # FY 2024-2025-24 Telemetry System Upgrades	Jeffrey Towne, Interim Director	Public Works	
Strategic Plan Focus Areas:					
☐ Fiscal Stability	☐ Resident Services	☒ Public Safety	☒ Infrastructure & Mobility	☐ Economic Development & Affordable Housing	
Implementation Timeline:					
Estimated Start Date: 12/1/2025			Estimated End Date: 5/30/2026		

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING AWARD OF BID # FY2024-2025-24, TELEMTRY SYSTEMS UPGRADES, TO FLORIDA DESIGN CONTRACTORS, LLC IN AN AMOUNT OF FOUR HUNDRED, ELEVEN THOUSAND, THREE HUNDRED AND EIGHT DOLLARS (\$411,308) AND AUTHORIZING A TEN PERCENT (10%) CONTINGENCY; AND PROVIDING FOR AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

This agenda item seeks City Commission's approval of staff's recommendation to award Bid # FY 2024-2025-24 Telemetry System Upgrades to Florida Design Contractors, LLC as the lowest responsive and responsible bidder, in an amount of \$411,308.00 plus a 10% contingency (\$41,130.80) for a total not to exceed the amount of \$452,438.80.

Background:

The City of Hallandale Beach (the City) owns and operates 26 remote sites that are comprised of water, wastewater, and storm water facilities. These are unmanned facilities monitored and controlled remotely from the City's water treatment plant, using a radio telemetry system. The water system consists of three (3) wells with raw water pumps and one (1) elevated tank. The wastewater system consists of 15 lift stations in the collection system. The storm water management system consists of seven (7) remote sites that include pump stations and gate structures. The remote telemetry system consists of a Supervisory Control and Data Acquisition (SCADA) system located at the water treatment plant and Remote Telemetry Units (RTU) with radios at each remote site. The SCADA system has redundant servers (primary and backup) and runs Human Machine Interface (HMI). The RTUs and PLCs contain control logic to monitor and control equipment at the sites remotely from the water plant and locally at the remote sites if communication fails.

The existing control panels at the remote sites, except recently upgraded sites, and the telemetry system hardware are old and do not provide all monitoring and control functions of a modern system. With aging infrastructure, tighter operating budgets, more stringent environmental regulations, and natural resources that are increasingly stressed, the additional monitoring and control functions offered by the modern systems are vital for treating, conveying, and then collecting water safely and reliably while staying within the limited operating and maintenance budgets. This goal in mind, the City had created Telemetry System Replacement Project to modernize, upgrade, and improve the reliability and functionality of the City's water, stormwater, and wastewater controls and telemetry systems.

On June 16, 2021, the City Commission adopted Resolution 2021-067 (Exhibit 2) authorizing the use of the continuing service agreement to retain the services of Arcadis U.S., Inc., to design the Telemetry Systems Upgrades in an amount not to exceed \$199,700 in accordance with RFP #2018-2019-012 – Continuing Professional Architectural and Engineering Services. Arcadis U.S., Inc., submitted a design cost proposal to the Public Works Engineering Division on May 14, 2021 (Exhibit 3).

The professional engineering services provided by Arcadis U. S. Inc. for this project is broken into two phases. Phase 1 includes professional engineering services to perform design, develop bid documents, bid assistance, inspection during construction and startup. Phase 2 includes professional engineering services to perform PLC programming and HMI configuration, and training of operational and maintenance staff.

On March 19, 2025, the City Commission adopted Resolution 2025-036 authorizing Phase 2 Engineering Services to perform PLC programming and HMI configuration in an amount not to exceed \$243,500 (Exhibit 4).

Current Situation:

Release Date of Bid – June 12, 2025:

The release notice for the Bid was sent to over twenty-one hundred (2,100) vendors including vendors from the City's Vendor list and pertinent vendors that have a City Business Tax License to operate in the City.

The Bid was also advertised on:

- Hallandale Beach Chamber of Commerce website,
- City's website,
- DEMANDSTAR.com/Euna OpenBids,
- Miami Minority Business Development Agency Business Center,
- U.S. Small Business Administration,
- Broward County Community Relations and Outreach Section Office of Economic and Small Business Development.

Non-Mandatory Pre-Bid Meeting – June 23, 2025:

Two (2) firms attended the Pre-Bid Meeting.

Last Day for Questions for this project – June 25, 2025, by 5:00 PM

Responses Due – July 21, 2025, by 11:00 AM

Responsive Firms (From Lowest Bid Total to Highest Bid Total):

Florida Design Contractors, LLC	Bid Amount	Bid Bond and Bonding Capacity	Variances	Legal Proceedings	References
	\$411,308	Risk Approved	None	None	Included
	MQR 1	MQR 2	MQR 3	MQR 4	MQR 5
	Met	Met	Met	Met	Met

Staff evaluated the responses and determined that Florida Design Contractors, LLC, is the lowest responsive bidder (Exhibit 5).

If approved by the City Commission, the construction contract will be finalized, and the estimated Project Schedule is as follows:

Commission Award	October 22, 2025
Notice to Proceed	December, 2025
Anticipated Construction Start	January, 2026
Anticipated Construction Completion	May, 2026

Staff have reviewed the bids and the attached Award Information Memorandum (Exhibit 6). The Department of Public Works recommends awarding BID # FY 2024-2025-24 to Florida Design Contractors, LLC.

Why Action is Necessary:

Pursuant to Code of Ordinances, in accordance with Procurement Code Section 23-5, Competitive procurement required; Procurement Mechanisms. (a) Except as otherwise indicated herein, all purchases of and contracts for equipment, supplies and contractual services in excess of the delegated spending authority, shall be based on a competitive procurement process. Furthermore, Section 23-9, Award, (e) The City Manager may award procurements within the delegated spending authority. All other procurements, except emergency procurements, require commission approval for award.

Cost Benefit:

HMI Software enhances speed and accuracy in operations, providing real-time insights for quicker decision-making and reduced diagnostic time. It will help to prevent failures before they escalate. It will also help in reducing the number of site visits needed due to the ability of remote monitoring. Early leak or fault detection reduces risks.

PROPOSED ACTION:

The City Commission considers the attached Resolution.

ATTACHMENT(S):

Exhibit 1 – Resolution
Exhibit 2 – Resolution No. 2021-067
Exhibit 3 – Design Cost Proposal
Exhibit 4 – Resolution No. 2025-036
Exhibit 5 – Bid Tabulation
Exhibit 6 – Award Information Memorandum
Exhibit 7 – BID FY 2024-2025-24 Telemetry System Upgrades

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Interim Director of Public Works

Reviewed By: Noemy Sandoval
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