



City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	File No.:	Item Type:		1 st Reading	2 nd Reading
5/20/2026	26-107	<input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Ordinance <input type="checkbox"/> Other	Ordinance Reading	N/A	N/A
			Public Hearing	<input type="checkbox"/>	<input type="checkbox"/>
			Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
			Quasi-Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
Fiscal Impact (\$):	Account Balance (\$):		Funding Source:	Project Number:	
\$697,170.00	\$1,016,197		490-4989-565000	P2125	
Contract Required:	P.O. Required:		RFP/RFQ/Bid Number:	Sponsor Name:	Department:
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		RFP # FY 2024-2025-14 Consultant Competitive Negotiation Act (CCNA) Continuing Professional Architectural and Engineering Services	Marlon Lobban, Director	Public works
Strategic Plan Focus Areas:					
<input type="checkbox"/> Fiscal Stability	<input type="checkbox"/> Resident Services	<input type="checkbox"/> Public Safety	<input checked="" type="checkbox"/> Infrastructure & Mobility	<input type="checkbox"/> Economic Development & Affordable Housing	
Implementation Timeline:					
Estimated Start Date: 6/30/2026			Estimated End Date: 12/31/2027		

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA AUTHORIZING A WORK AUTHORIZATION FOR ARCADIS U.S., INC. TO PERFORM PHASE 3 TELEMETRY PROGRAMMING AND CONFIGURATION SERVICES FOR TWENTY (20) REMOTE SITES AND AT THE WATER TREATMENT PLANT FOR A FEE NOT TO EXCEED SIX HUNDRED, NINETY-SEVEN

THOUSAND, ONE HUNDRED AND SEVENTY THOUSAND DOLLARS (\$697,170); AND PROVIDING AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

This agenda item seeks City Commission's approval to retain the services of Arcadis U.S., Inc. to provide Telemetry Programming and Configuration Services (Phase III) for several of the City's water, wastewater, and stormwater facilities in accordance with RFP # FY 2024-2025-14 Consultant Competitive Negotiation Act (CCNA) Continuing Professional Architectural and Engineering Services, for an amount not-to-exceed \$697,170.00. The above-mentioned consultant will be providing services based on the following discipline: Water, Wastewater and Stormwater Engineering.

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 which have limited remote monitoring from City's water treatment plant (WTP), using a proprietary radio telemetry system. Two (2) of the twenty-six (26) remote sites are scheduled to be cut over to the new system by the plant maintenance staff, and two (2) other sites are either decommissioned or not in service. The remaining twenty-two (22) sites require new telemetry system.

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, wastewater, and stormwater 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 March 19, 2025, the City Commission of Hallandale Beach Adopted Resolution No. 2025-036 (Exhibit 2) authorizing the use of the continuing service agreement to retain the services of Arcadis U.S., Inc., to provide programming, configuration, and start-up services for two (2) of the twenty-two (22) remote sites and at the WTP telemetry system in an amount not to exceed \$243,500, in accordance with RFP #2018-2019-012 – Consultant Competitive Negotiation Act (CCNA) Continuing Professional Architectural and Engineering Services.

At the time Resolution No. 2025-036 was issued, substantial completion dates for mechanical and structural upgrade, design and construction of the remaining twenty (20) remote sites were inconclusive. Because the fabrication and installation of new control panels with Programmable Logic Controllers (PLCs) and Operator Interface Terminals (OITs) for these remaining twenty (20) remote sites and for the WTP were part of the facility upgrade projects, and because there was uncertainty about the completion dates of these projects, it was premature to include the PLC programming, OIT and SCADA Supervisory Control and Data Interface (HMI) configuration and controls cutover services

in Resolution No. 2025-036. Now that some of these sites have completed their upgrades, and the remaining will follow in 2026 and 2027, the programming, configuration, and controls cutover services can proceed, and will be necessary to put the sites on to the new system.

Current Situation:

On September 15, 2025, the City Commission approved Resolution No. 2025-113 (Exhibit 3) authorizing continuing service agreements to be awarded in accordance with the Consultant Competitive Negotiation Act (CCNA) per RFP # FY 2024-2025-14 Consultant Competitive Negotiation Act (CCNA) Continuing Professional Architectural and Engineering Services, to a selected group of design professional firms.

Arcadis U.S., Inc., submitted a proposal to provide professional engineering services to perform required telemetry programming and configuration services for the remainder of the twenty (20) remote sites and at the WTP and start-up services for monitoring and control of the sites locally and remotely from the WTP (Exhibit 4). The attached cost proposal to perform the work described above for an amount not-to-exceed \$697,170. This is inclusive of all subconsultants should they be utilized.

The intent of this project is to facilitate the City’s transition from an old and antiquated control system and expensive and proprietary telemetry system to a modern, reliable, user-friendly, and less expensive telemetry system.

If approved by the City Commission, the programming, configuration and controls services contract will be finalized, and the estimated project schedule is as follows:

Commission Award	May 20, 2026
Anticipated Start	June 30, 2026
Anticipated Completion	December 31, 2027

Why Action is Necessary:

Pursuant to Code of Ordinances, in accordance with Procurement Code Section 23-5 Competitive procurement required: Procurement Mechanisms, (5) Continuing Services Agreements. Individual purchase of services quoted on a per-project basis pursuant to the terms solicited via RFP. 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.

PROPOSED ACTION:

The City Commission considers the attached Resolution.

ATTACHMENT(S):

