

City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:		File No.:	Item Type:		1 st Reading	2 nd Reading
6/4/2025		25-146	<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:	
\$139,294		\$313,093.00		3320W-546080	N/A	
Contract/P.O. Required		RFP/RFQ/Bid Number:		Sponsor Name:	Department:	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	WELL REPAIR, MAINTENANCE AND REHABILITATION SERVICES IFB #40-0-2022/SM		Jeffrey Towne Interim Director of Public Works	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: 8/1/2025				Estimated End Date: 9/30/2025		

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING UTILIZATION OF THE CITY OF PALM BAY'S WELL REPAIR, MAINTENANCE AND REHABILITATION SERVICES IFB #40-0-2022/SM AGREEMENT WITH AQUIFER MAINTENANCE AND PERFORMANCE SYSTEMS, INC., DBA AMPS, INC., TO REFURBISH AND REHABILITATE STAND BY WELL 3 AND WELL 5 FOR A TOTAL OF ONE HUNDRED, NINETEEN THOUSAND, THREE HUNDRED, FIFTY-EIGHT DOLLARS AND TWENTY CENTS (\$119,358.20), PLUS A TEN (10%) PERCENT CONTINGENCY, FOR A TOTAL NOT-TO-EXCEED AMOUNT OF ONE HUNDRED, THIRTY-ONE THOUSAND, TWO HUNDRED AND NINETY-FOUR DOLLARS (\$131,294); AND PROVIDING FOR AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

Staff seeks the City Commission approval of the attached resolution authorizing the City Manager to purchase well rehabilitation services through the City of Palm Bay – Well Repair, Maintenance and Rehabilitation Services IFB #40-0-2022/SM with Aquifer Maintenance and Performance Systems, Inc., dba AMPS, Inc.

Aquifer Maintenance and Performance Systems, Inc., dba AMPS, Inc. will refurbish and rehabilitate stand by Well 3 and Well 5. The total cost for these services shall not exceed \$119,358.20, with an additional 10% contingency (\$11,936), for a total not-to-exceed amount of \$131,294 for Fiscal Year 2024-2025.

Background:

Production Well 3 & Production Well 5 have been in Operation since 1957 & 1961 respectively, records show that in the early 2000's they were both used as standby "Emergency use" Wells. Typically to be used in a storm event that interrupts electrical service to the City since these two Wells run off the DPW emergency generator. We have also been using them more frequently over the past couple of years to supplement our raw water needs while our production Wells have been serviced.

The City of Palm Bay issued an ITB #40-0-2022/SM on June 3, 2022; and on August 8, 2022, awarded a contract with Aquifer Maintenance Performance Systems, Inc., dba AMPS, Inc. and shall expire on July 31, 2025. The contract may be renewed by mutual consent of the City Palm Bay and Aquifer Maintenance Performance Systems, Inc., dba AMPS, Inc. with two (2) additional one (1) year renewal periods.

Current Situation:

These wells, though once designated as "emergency use" due to their connection to the Public Works emergency generator, have seen increased usage over the past several years to supplement raw water supply while other wells undergo maintenance. In addition, they are prescriptively used to ensure they remain operable—similar to how generators are periodically exercised to maintain readiness. Despite routine testing and motor rebuilds, the core mechanical components of these wells have now significantly exceeded their typical service life.

The proposed rehabilitation includes removal and replacement of aged mechanical components to avoid a potential well failure. Based on historical use, routine testing, and prior rebuilds, the water quality remains excellent—but mechanical wear over time presents a clear need for proactive maintenance. The 10% (\$11,936) contingency is included to account for unforeseen conditions that are common in projects involving aging well infrastructure, such as:

- Cracked or corroded casings
- Degraded or seized pump components
- Unexpected obstructions or mineral deposits

- Additional cleaning or equipment adjustments once the well is opened

Given that these wells are over 60 years old and have not been fully rehabilitated in decades, the contingency is a prudent measure to help ensure project continuity without requiring midstream change orders or delays. The proposed not-to-exceed amount of \$131,294 ensures we are adequately prepared to address conditions that cannot be fully assessed until the wells are disassembled.

Maintenance of these two wells has included routine chlorination as needed, along with monthly bacteriological testing and chloride sampling to monitor for microbial activity and potential saltwater intrusion. Over the past two decades, the motors have been rebuilt multiple times to support continued use. Notably, both wells have consistently produced excellent raw water quality—an outcome that underscores their value to the City's water system and supports the case for continued investment in their operability. Given the age of the mechanical components, replacement at this time is a prudent step to avoid the risk of failure and to preserve the long-term reliability of these high-performing wells.

The Contractor, Aquifer Maintenance Performance System, Inc dba AMPS, Inc., proposed a total estimate of \$59,679.10 for well 3 and \$59,679.10 for well 5, for a total estimate of \$119,358.20. However, unforeseen conditions may arise once the project commences, which would require a contingency amount of 10% (\$11,936) for a total not-to-exceed amount of \$131,294.

Why Action is Necessary:

Pursuant to Code of Ordinances, in accordance with Procurement Code Section 23-8, Exception to bid requirements, (6) Bids and contracts from other entities, and Section 23-9. Cooperative purchasing, The City Manager is authorized to procure all supplies, materials, equipment and services from other governmental units, when the best interests of the City would be served subject to the requirement that any purchase in excess of \$50,000 requires City Commission approval.

Cost Benefit:

These two standby wells are essential to the ongoing operations of the Water Treatment Plant during normal operations, as needed, and always during power outages. Not having the two wells maintained and functioning is not an option. The cost associated with the maintenance and repairs is nominal compared to the cost of service interruption and lack of revenue due to not producing water for our constituents.

Maintenance and repair of these two wells extends the useful life of each well and allows for continued successful operation of the Water Treatment Plant. As an additional note, a major and sudden power interruption to the City, without these two standby wells, could lead to a water service interruption that would in turn lead to a city-wide precautionary boil water notice affecting residents and businesses.

PROPOSED ACTION:

The City Commission considers the attached Resolution.

ATTACHMENT(S):

Exhibit 1 – Resolution

Exhibit 2 – City of Palm Bay Contract IFB #40-0-2022/SM

Exhibit 3 – Aquifer Maintenance Performance System, Inc dba AMPS, Inc. – Proposals

Prepared By: John Fawcett
John Fawcett
Operations Manager

Reviewed By: Jeffrey Towne
Jeffrey Towne
Interim Director of Public Works

Reviewed By: Noemy Sandoval
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Assistant City Manager