



Hallandale Beach
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City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:		Item Type:		1 st Reading	2 nd Reading
2/19/2020		<input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Ordinance <input type="checkbox"/> Other	Ordinance Reading	N/A	N/A
File No.:			Public Hearing	<input type="checkbox"/>	<input type="checkbox"/>
19-597			Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
			Quasi Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
Fiscal Impact (\$):		Account Balance (\$):	Funding Source:	Project Number :	
\$57,347.38		\$195,837.75	Utility Fund Non-Departmental Machinery 3390W 564040	P1704	
Contract/P.O. Required		RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	HVAC Products, Installation, Services and Related Products and Services OMNIA Partners (Formerly U.S. Communities) Government Purchasing Alliance Contract # 15-JLP-023	James Sylvain, P.E.	Department of Public Works	
Strategic Plan Focus Areas:					
<input checked="" type="checkbox"/> Financial		<input checked="" type="checkbox"/> Organizational Capacity	<input checked="" type="checkbox"/> Infrastructure	<input type="checkbox"/> Development, Redevelopment and Economic Development	
Implementation Timeline					
Estimated Start Date: 2/20/2020 Estimated End Date: 8/31/2020					

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING THE UTILIZATION OF THE U.S. COMMUNITIES GOVERNMENT PURCHASING ALLIANCE COOPERATIVE CONTRACT # 15-JLP-023 WITH TRANE IN THE AMOUNT NOT TO EXCEED FIFTY-SEVEN THOUSAND THREE HUNDRED FORTY-SEVEN DOLLARS AND THIRTY EIGHT CENTS (\$57,347.38) AS PROVIDED FOR IN THE FISCAL YEAR 2019-2020 BUDGET FOR THE PURCHASE OF FIVE (5) VARIABLE AIR VOLUME (VAV) DEVICES FOR REPLACEMENT AT THE MUNICIPAL COMPLEX; AUTHORIZING THE CITY MANAGER TO EXECUTE ALL RELATED DOCUMENTS TO EFFECTUATE THE PURCHASE; AND PROVIDING FOR AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

This agenda item seeks City Commission authorization to utilize competitively solicited contracts through the OMNIA PARTNERS (formerly U.S. Communities) Government Purchasing Alliance to replace five (5) non-functional variable air volume (VAV) devices at the Municipal Complex with Trane in an amount not to exceed \$57,347.38.

Background:

On May 16, 2018 the City adopted the Sustainability Action Plan (SAP) through Resolution No. 18-109 (Exhibit 2). "Existing Building Commissioning" is included as one of the SAP's year one (1) goals. Existing Building Commissioning (EBC) is a systematic process for investigating, analyzing and optimizing the performance of building systems through the identification and correction of deficiencies. The EBC supports the SAP by automating HVAC (air conditioning) controls and monitoring sensors, and optimizing the facility management software platform to manage all the City's networked HVAC systems, and identifying and correcting issues which hinder building efficiency.

Prior to November 2018, the City performed HVAC repairs on an as needed basis, partially due to budgetary constraints. A 2014 investment-grade energy audit, followed by a 2018 facility walk through, identified that most of the City's HVAC systems operated 24 hours a day, seven days a week, regardless of occupancy or utilization. In 2018 the City began an EBC process by optimizing existing HVAC automation capabilities, programing a utilization schedule for HVAC use based on the Municipal Complex building's occupancy. HVAC controls are now scheduled by staff, based on building occupancy and monitored frequently.

In conjunction with the intial EBC building automation process, fifty-four (54) variable air volume devices (VAVs) were inspected for issues. Further staff has identified (5) five VAVs at the Municipal Complex which need priority replacement.

Current Situation:

The five (5) VAVs identified by staff have issues ranging from bad fuses to lack of control over mechanical dampers. The VAVs cannot be repaired further and require full replacement. The replacement of the five (5) VAVs will allow the Municipal Complex HVAC system to operate efficiently and subsequently save the City energy and operational costs.

Staff is recommending that allocated funding be utilized to replace those identified VAVs. As a member of the OMNIA PARTNERS (formerly U.S. Communities) Government Purchasing Alliance, the City is able to participate and utilize competitively solicited contracts (Exhibits, 4, 5, and 6) to obtain the best goods/services and pricing available in the market. Trane participates in this purchasing alliance program.

Trane has provided an estimate for the requested work (Exhibit 3).

Activity	Cost
Furnish and Install Five (5) Trane Fan Terminal Units (VAVs)	\$50,415.00
Wireless Infrastructure & Intelligent Services Optimization	\$5, 560.00
Total Quote from Trane	\$55,975.00

All services and prices above are included in the U.S. Communities Contract #15-JLP-023.

We have included an additional 2.5% to be included in the total cost of the project for the purpose of permit fees, which brings the total cost not to exceed to \$57,347.38.

Once approved by the City Commission, staff expects installation to commence within six (6) weeks upon receipt of a purchase order, with a completion date within four (4) months of the start date. Staff will continue to monitor other City facilities HVAC systems with the goal of optimizing for comfort, energy efficiency, and environmental impact.

Why Action is Necessary:

Pursuant to Chapter 23, 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:

The estimated cost for the proposed project is \$57,374.38. The estimated energy cost savings for the VAV replacement is \$7,500 per year (\$1,500 per VAV). Payback will be achieved in

aproximatley 7.5 years. Additional benefits include energy efficiency, optimization and remote control of air circulation, and meeting SAP goals.

PROPOSED ACTION:

The City Commission approve the attached Resolution authorizing the City to utilize competitively solicited contracts through the OMNIA PARTNERS (formerly U.S. Communities) Government Purchasing Alliance to procure the service of Trane to replace five (5) non-functional VAVs at the Municipal Complex in an amount not to exceed \$57,347.38.

ATTACHMENT(S):

- Exhibit 1 – Proposed Resolution/Ordinance
- Exhibit 2 – Sustainability Action Plan
- Exhibit 3 – City of Hallandale Beach Municipal Complex VAV Replacement Quote
- Exhibit 4 – US Communities Contract #15-JLP-023
- Exhibit 5 – US Communities Contract #15-JLP-023 Renewal
- Exhibit 6 – US Communities RFP #15-JLP-023