



City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	Item Type:		1 st Reading	2 nd Reading
8/5/2020	<input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Ordinance <input type="checkbox"/> Other	Ordinance Reading	Click or tap to enter a date.	Click or tap to enter a date.
File No.:		Public Hearing	<input type="checkbox"/>	<input type="checkbox"/>
20-208		Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
		Quasi-Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
Fiscal Impact (\$):	Account Balance (\$):	Funding Source:	Project Number:	
Up to \$340,000	\$500,000	3330W-565000	P2005	
Contract/P.O. Required	RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Polk County RFP 19-299 - Utilities Construction Services	James Sylvain, Director	Public Works	
Strategic Plan Focus Areas:				
<input type="checkbox"/> Financial	<input type="checkbox"/> Organizational Capacity	<input checked="" type="checkbox"/> Infrastructure	<input type="checkbox"/> Development, Redevelopment and Economic Development	
Implementation Timeline				
Estimated Start Date: 8/1/2020 Estimated End Date: 9/30/2020				

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA AUTHORIZING WATER DISTRIBUTION INFRASTRUCTURE UPDGRADES AND REPAIRS UTILIZING POLK COUNTY'S CONTRACT WITH KILLEBREW, INC. FOR AN AMOUNT NOT TO EXCEED THREE HUNDRED AND FORTY THOUSAND (\$340,000) DOLLARS, INCLUDING CONTINGENCY; AND PROVIDING AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

This agenda item seeks City Commission's approval to utilize the competitively solicited contract with Killebrew, Inc. through the Polk County RFP 19-299 – Utilities Construction Services - to perform needed water distribution infrastructure upgrades and repairs in multiple areas of the City of Hallandale Beach in an amount not to exceed \$340,000.

Background:

Many areas of the City's water distribution infrastructure are beyond their life cycle. These areas have recently suffered multiple breaks that have caused stress on citizens and businesses in the community. We have had two recent failures at a watermain in Northeastern area of the City that have caused businesses and citizens of the condominiums in the Diplomat Parkway area to temporarily lose water and endure a precautionary boil water event.

Current Situation:

Public Works crew will work with the Killebrew to upgrade water mains that have shown a history of breaks to reduce the potential for future failures. This project will also include the addition of more isolation valves into the water distribution system. This will help better isolate areas when a failure occurs and reduce the level of water loss to the community when needing to make repairs.

The team identified the 10-inch water main that currently provides water to the Diplomat Mall and the Duo condominiums as the initial project area. This watermain starts at the west side of the mall near the 14th Ave entrance into the warehouse loading areas of the mall and runs eastward to Diplomat Parkway. Working with the vendor, we will use the infrastructure upgrading process known as, "pipe bursting" to perform this work. Based on the Schedule of Bid Items staff estimates the cost of the upgrades to be \$318,147. Authorization of up to \$340,000 is requested for contingency purposes; any changes from the referenced cost estimate will be pursuant to the contract pricing.

Why Action is Necessary:

Pursuant to Chapter 23, Section 23-4, Competitive Bidding Required, all purchases of and contracts for equipment, supplies and contractual services, when the estimated cost shall exceed \$50,000.00 shall be based on competitive bids. Furthermore, pursuant to Chapter 23, Section 23-6, Award of Contract, the City Manager, shall have the authority to recommend to the City Commission award of contracts.

Cost Benefit

This water main is over 50 years old and over the life cycle for this type of infrastructure. We have had two recent failures on this water main that have caused the businesses and citizens of the condominiums to temporarily lose water and endure a precautionary boil water event. A catastrophic failure of a 10-inch water main under our operating pressure of 55 psi, could incur a water loss of 15465.3 gallons per minute. And with an average of \$2.41 cost per gallon of water to the customer, the city has the potential to suffer a tremendous loss of revenue until staff can isolate the break and reduce the water loss. This project will provide the city with an updated portion of essential infrastructure, reduce the opportunity for temporary loss of water service to the citizens and businesses and mitigate against revenue loss.

PROPOSED ACTION:

Staff recommend approval of the attached Resolution authorizing the City Manager to utilize the competitively solicited contracts through the Polk County RFP 19-299 – Utilities Construction Services to perform needed water distribution infrastructure upgrades and repairs in multiple areas of the City of Hallandale Beach with Killebrew Inc. in an amount not-to-exceed \$340,000; and authorizing the City Manager to execute all related documents to effectuate the purchase.

ATTACHMENT(S):

- Exhibit 1 – Proposed Resolution
- Exhibit 2 – Polk County RFP 19-299 – Utilities Construction Services
- Exhibit 3 – Master Pricing Form (based on Polk County Contract)
- Exhibit 4 – Cost Estimate – 10 Inch Watermain Repair