



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
9/2/2020	<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"/>
20-251		Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
		Quasi-Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
Fiscal Impact (\$):	Account Balance (\$):	Funding Source:	Project Number :	
\$1,500,000.00	\$760,000.00 \$740,000.00	490-3330W-565000-P1705 491-3391W-565000-P1705	P1705	
Contract/P.O. Required	RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BID # FY2019-2020-004	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: 10/1/2020 Estimated End Date: 10/1/2021				

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING AWARD OF BID # FY2019-2020-004, FOR THE CONSTRUCTION OF THE FOSTER ROAD WATER MAIN, TO KAILAS CORPORATION, THE LOWEST RESPONSIVE BIDDER, IN AN AMOUNT NOT TO EXCEED \$1,288,517, INCLUDING CONTINGENCY; AUTHORIZING THE CITY MANAGER TO NEGOTIATE AND EXECUTE AN AGREEMENT; AND PROVIDING AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

This agenda item seeks City Commission approval to award BID # FY2019-2020-004, for the construction of the Foster Road Water Main, to Kailas Corporation, the lowest responsive bidder, in the amount of \$1,171,378.80. Staff seeks approval to add a 10% (\$117,138) contingency to the construction project and to authorize the City Manager and the City Attorney to negotiate an agreement with Kailas Corporation for a not-to-exceed total of \$1,288,516.80.

Background:

The work includes the Contractor furnishing all labor, materials, tools, equipment, machinery, and service necessary for the construction and installation of approximately 3,250 LF of proposed 12-inch polyvinyl chloride (PVC) Water Main along Foster Road, from N.W. 9th Avenue to N.W. 6th Avenue, and approximately 2,400 LF of 8-inch PVC water main along N.W. 9th Street, from N.W. 9th Avenue to N.W. 8th Avenue for a total of 5,650 LF of water main installation. The existing 6-inch water main along Foster Road will be abandoned in place. There is an existing 4-inch water main along N.W. 9th Street, between N.W. 8th Avenue and N.W. 7th Terrace which will also be abandoned in place.

The project includes installation of fire hydrants according to the Hallandale Beach Fire Department requirements, new water services, reconnections to existing water mains, and stub outs for future connection within the project limits.

The City of Hallandale Beach owns, operates and maintains a potable water treatment system and distribution network. The Public Works-Utilities Department is responsible for the maintenance and improvement of the City's water infrastructure, which supplies water to all City residents and businesses. The City's distribution system is comprised of approximately 72 miles of various-sized water mains and service lines, 3,000 valves, 7,000 water meters and 1,500 fire hydrants.

In 2015, the City conducted an update to the existing water hydraulic model (Exhibit 2). The goals of the water model update and analysis was to evaluate the adequacy of the existing distribution system to meet projected demands while maintaining desirable system pressures; determine if the existing distribution system could satisfy the appropriate flow criteria through 2035; and identify potential system improvements to correct present and future system deficiencies. Recommendations included the replacement of water mains on Foster Road and adjacent streets to address hydraulic capacity deficiencies and fire flow demands.

Current Situation:

A strategic goal of the City is to provide a clean and well-maintained environment for individuals who live, work, and play within its boundaries. To accomplish this goal, the City seeks to develop and maintain infrastructure that is community-serving, resilient, high-performing, cost-effective, resource-efficient, and environmentally friendly. In order to guide the City with needed

infrastructure improvements now and for future growth, the Basis of Design Report (BODR) was completed in 2016 (Exhibit 3).

Given the current state and future progression of the City, The Foster Road Water Main Improvements will upgrade the City's water distribution system in the northwest quadrant by replacing the existing 4" and 6" water mains with 8" and 12" water mains to ensure adequate fire flow for residences, businesses, new development, and high school located along the Foster Road Corridor.

In addition to fire flow deficiencies, water main breaks have increased as the infrastructure continues to age every year. In the Foster Road Corridor, the City has experienced several failures of the system. When the water main fails, the water supply system is compromised, which will have an impact to homes, businesses, and a major community center. Interruption of water service is a completely negative experience for residents, tourists and businesses, each of whom seek seamless utility services.

Staff has reviewed the bids and the attached Award Information Memorandum (Exhibit 4). The Department of Public Works recommends awarding BID # FY2019-2020-004 to the lowest responsive bidder, Kailas Corporation Inc.

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:

The benefits from constructing and upgrade Foster Road Water main, is that it will increase our water flow to ensure adequate fire flow for residences, businesses, new development, and high school located along the Foster Road Corridor.

PROPOSED ACTION:

Staff recommends approval of the attached resolution awarding BID # FY2019-2020-004, for the construction of the Foster Road Water Main, to Kailas Corporation, the lowest responsive bidder, in the amount \$1,171,378.80. Staff also recommends adding a 10% (\$117,138) contingency to the construction project and authorizing the City Manager and the City Attorney to negotiate an agreement with Kailas Corporation for a not-to-exceed total of \$1,288,516.80.

ATTACHMENT(S):

Exhibit 1 – Proposed Resolution

Exhibit 2 - Water Model Update Final-compressed

Exhibit 3 – BODR

Exhibit 4 – Award Information Memo Bid # FY 2019-2020-004