



400 South Federal Hwy
Hallandale Beach, FL 33009

City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:		Item Type:		1 st Reading	2 nd Reading
6/16/2021		<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"/>
File No.:					
21-197					
Fiscal Impact (\$):		Account Balance (\$):	Funding Source:	Project Number:	
\$426,222.50		\$463,000	3595S-565010	P2002	
Contract/P.O. Required		RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	RFP # FY 2018-2019-012 CONSULTANT COMPETITIVE NEGOTIATION ACT (CCNA) CONTINUING PROFESSIONAL ARCHITECTURAL AND ENGINEERING SERVICES AND OTHER SERVICES	Jeffrey Odoms, Director	Public Works	
Strategic Plan Focus Areas:					
<input checked="" type="checkbox"/> Finance & Budget		<input type="checkbox"/> Organizational Capacity		<input checked="" type="checkbox"/> Infrastructure/Projects	
Implementation Timeline:					
Estimated Start Date: 7/1/2021			Estimated End Date: 9/30/2021		

SHORT TITLE:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING USE OF CONTINUING SERVICE AGREEMENT TO RETAIN SERVICES OF CRAIG A. SMITH & ASSOCIATES, INC. TO DESIGN THE EGRET TRI-PLEX SUBMERSIBLE LIFT STATION IMPROVEMENTS PROJECT IN AN AMOUNT NOT TO EXCEED FOUR HUNDRED TWENTY SIX THOUSAND, TWO HUNDRED TWENTY THREE DOLLARS (\$426,223); AUTHORIZING THE CITY MANAGER TO SIGN ALL RELATED DOCUMENTS; AND PROVIDING AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

This agenda item seeks City Commission's approval to retain the services of Craig A. Smith & Associates to design the Egret Tri-Plex Submersible Lift Station Improvements Project, in accordance with RFP #2018-2019-012 – Continuing Professional Architectural and Engineering Services, for an amount not-to-exceed \$426,222.50. The above listed consultant will be providing services based on the following discipline, Engineering Services. The preliminary opinion of probable costs for the construction of this project is \$3,533,258.

Background:

On August 5, 2020, the City Commission approved Resolution No. 2020-054 (Exhibit 2) authorizing continuing service agreements to be awarded in accordance with the Consultant Competitive Negotiation Act (CCNA).

On March 17 and April 7, 2021, respectively, the City Commission approved the first and second readings of Ordinance No. 2021-006 amending the adopted budget for FY 20/21 to reflect the revenues, expenditures, appropriations, and other miscellaneous adjustment (Exhibit 3). The approved expenditures included in this budget amendment pertains to the design work to facilitate the initiation of multiple utility infrastructure projects. These projects had been prioritized based on the recommendations outlined in the BODR (Basis of Design Report), Wastewater Masterplan, 10 Year Water Supply Plan and staff's recommendations based on need (Exhibit 4 – Project List)

The Public Works team continues to reassess the City's current infrastructure picture. Based on our findings during past and recent emergency response to infrastructure failure, we believe we need to immediately initiate as many projects for design as we can to engage in an effective rehabilitation strategy for the city.

The Egret Lift Station is located between the northeastern corner of the Gulfstream Racetrack and the Golden Isles Park and Tennis Center on Layne Blvd. The station was constructed in 1969 and consisted of three centrifugal pumps, a 200 HP, a 60 HP, and a 15 HP.

Current Situation:

The Egret Tri-Plex Submersible Lift Station Improvements Project was identified in the Wastewater Masterplan. The purpose of this project is the conversion of the existing triplex wet pit/dry pit pump station to a triplex submersible lift station. This will entail the conversion of the existing structure into a submersible lift station with three proposed 2,500 GPM submersible pumps. The proposed submersible pumps guide rails will extend from the bottom of the structure at elevation -18.50 to the top of the structure at elevation 13.0. The pumps will require the installation of three pump hatches to the existing 8-inch-thick concrete roof slab and the 18-inch thick first floor slab for installation and removal of the proposed submersible pumps.

The proposed rehabilitation will include installing a new influent structure on the east side of the pump station in which the existing 30-inch diameter influent pipe will be exposed into a rectangular open channel type structure. The proposed structure will be approximately 20 feet deep where,

the existing Muffin Monster rated at 5 MGD, will be re-installed on a rail system for easy installation and removal. The structure will be enclosed with a concrete top slab and an aluminum hatch and ladder to access the mechanical grinder for service and or removal. The three individual pipelines which include the 30-inch gravity line, the existing 16-inch force main and the existing 12-inch force main, will be combined into a single line prior to entering the proposed influent grinder structure.

The submersible pumps will discharge into a common header that will be installed outside the buildings first floor. The pumps 3 discharge pipes will extend out of the buildings north wall into a common header where it will have a magnetic flow meter installed in an above ground pipe assembly complete with bypass piping. The effluent pipe will then connect into the existing 18-inch force main that leaves the site and eventually connects into the Hollywood Wastewater Treatment Plant.

Craig A. Smith & Associates has submitted the attached cost proposal to perform the design of the work described above for an amount not-to-exceed \$426,222.50 this is inclusive of all subconsultants should they be utilized (Exhibit 5).

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:

It is our expectation to utilize bond funds for construction. Initiating the design of these multiple projects now will allow for a more effective use of bond proceeds for construction upon their disbursement. Additionally, we know many grant opportunities require an applying municipality to have "shovel ready" projects for funding consideration. The city has missed out on previous opportunities to apply for grants because of not having projects at this stage of readiness. The Public Works team believes that changing this dynamic, applying for and potentially receiving grant funds, will expedite our ability to rehabilitate our infrastructure with the additional funding.

PROPOSED ACTION:

City Commission to approve the attached resolution authorizing to retain the services of Craig A. Smith & Associates to design the Egret Tri-Plex Submersible Lift Station Improvements Project, in accordance with RFP #2018-2019-012 – Continuing Professional Architectural and Engineering Services, for an amount not-to-exceed \$426,222.50; and authorizing the City Manager to execute the awarded contract.

ATTACHMENT(S):

Exhibit 1 – Resolution
Exhibit 2 – Resolution 2020-054-CCNA

Exhibit 3 – Ordinance No. 2021-006
Exhibit 4 – Project List
Exhibit 5 – Cost Proposal

Prepared By: Peter Kunen
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Reviewed By: Jeff Odoms
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Interim Director of Public Works

Approved By: Noemy Sandoval
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Assistant City Manager