



City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	January 25, 2017		Item Type: <small>(Enter X in box)</small>	Resolution X	Ordinance	Other
Fiscal Impact: <small>(Enter X in box)</small>	Yes	No	Ordinance Reading: <small>(Enter X in box)</small>	1st Reading		2nd Reading
	X			Public Hearing: <small>(Enter X in box)</small>	Yes	No
Funding Source:	Utility Fund: 490-3320w-565000		Advertising Requirement: <small>(Enter X in box)</small>	Yes		No
						X
Account Balance:	\$1,750,000		Quasi Judicial: <small>(Enter X in box)</small>	Yes		No
						X
Project Number :	P1606		RFP/RFQ/Bid Number:	RFP FY # 2015-2016-025		
Contract/P.O. Required: <small>(Enter X in box)</small>	Yes	No	Strategic Plan Priority Area: <small>(Enter X in box)</small>			
	X					
			Safety	<input checked="" type="checkbox"/>		
			Quality	<input checked="" type="checkbox"/>		
			Vibrant Appeal	<input type="checkbox"/>		
Sponsor Name:	Jennifer M. Frastai, Interim City Manager		Department: Public Works	Steven F. Parkinson, P.E., PWLF, Director		

Short Title:

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AWARDDING RFP #FY2015-2016-025, TO DESIGN HIGH SERVICE PUMPS AND TRANSFERS PUMPS AT THE WATER TREATMENT PLANT TO THE HIGHEST RANKED FIRM, HAZEN AND SAWYER; AUTHORIZING THE CITY MANAGER AND CITY ATTORNEY TO NEGOTIATE AN AGREEMENT WITH HAZEN AND SAWYER AND BRING BACK FOR CITY COMMISSION APPROVAL; FURTHER AUTHORIZING THE CITY MANAGER AND CITY ATTORNEY TO NEGOTIATE WITH THE SUCCEEDING RANKED FIRM SHOULD NEGOTIATIONS WITH HAZEN AND SAWYER NOT BE SUCCESSFUL; AND PROVIDING AN EFFECTIVE DATE.

Staff Summary:

Background:

This item seeks City Commission award of RFP # FY2015-2016-025 CCNA Design High Service Pumps and Transfers Pumps at the City of Hallandale Beach Water Treatment Plant.

High service pumps function to pump finished water to residents' homes, and transfer pumps use differences in pressure to move water from one location to another.

HIGH SERVICE PUMPS (HSPs)

The existing HSPs (Nos. 1-4) are located at the City of Hallandale Beach Water Treatment Plant (WTP) and were installed in 1967. Staff reports that HSP Nos. 1 and 2 were replaced in the early 1980s. Therefore, HSP age ranges from about 30 to 47 years old. The useful life of pumps in this service generally ranges from 20 to 30 years. The pumps are at or beyond the end of their normal economic lives. Pump efficiency and capacity have declined because of internal wear and due to proposed development in the City, total HSP capacity is not sufficient to meet projected future peak hour flow capacity.

In 2013, the City authorized Hazen and Sawyer to evaluate the existing HSP (Exhibit 2). The goals of the HSP evaluation were to maximize utilization of existing HSP infrastructure, meet projected year 2025 HSP capacity and pressure requirements (consistent with existing infrastructure) and estimate and maximize HSP energy efficiency over existing HSPs. This evaluation also documented the conceptual pump design and presented the annual savings associated with the proposed configuration. The City is projected to save \$20,000 to almost \$30,000 per year in electric energy costs associated with the more efficient pumps.

TRANSFER PUMPS (TPs)

Staff reports that two (2) of the three (3) transfer/backwash pumps at the WTP were installed in 1968 and the third pump was installed at a later date. The pumps are at or beyond the end of their normal economic lives (typically 20-30 years). City staff has reported that current pump capacities have decreased to approximately 80% of their original design capacities. Total transfer pumping capacity is currently less than the WTP's rated capacity of 16.0 MGD.

In 2013, the City authorized Hazen and Sawyer to evaluate the existing TPs (Exhibit 3). This evaluation also documented the conceptual pump design and presented the annual savings associated with the proposed configuration. The proposed pumps are expected to consume 15% less electrical energy than the existing pumps and are associated with an annual savings of approximately \$4,000.

Current Situation:

RFP # FY 2015-2016-025 CCNA Design High Service Pumps and Transfers Pumps at City of Hallandale Beach Water Treatment Plant was released on September 21, 2016 (Exhibits 4 and 5). The release notice for the RFP was sent via email to five hundred and sixteen (516) vendors from the City's Vendor's list. The RFP was also advertised on the Hallandale Beach Chamber of Commerce website, City website, DemandStar website, and City and HBCRA social media pages. The RFP was also advertised through the Miami Minority Business Development Agency Business Center, the U.S. Small Business Administration, and the Broward County Community Relations and Outreach Section of Economic and Small Business Development.

A mandatory pre-proposal meeting and site visit took place on October 3, 2016 at 11:00am. Six (6) prospective proposers and five (5) staff members attended the meeting.

In addition to providing the opportunity for vendors to come and ask questions during the mandatory pre-proposal meeting, the solicitation allowed for additional questions to be sent in via email by no later than October 7, 2016.

The deadline for receipt of responses from proposers was October 25, 2016, by no later than 11:00am. Two (2) of the six (6) prospective proposers submitted proposals for the project:

1. Calvin Giordano and Associates
2. Hazen and Sawyer

The Evaluation Committee for this RFP was comprised of:

1. Steven Parkinson, Director of Public Works
2. James Sylvain, Assistant Director of Public Works – Utilities
3. Mariana Pitiriciu, Assistant Director of Public Works / City Engineer

The Evaluation Committee met on October 28, 2016 and all committee members came to the consensus that both proposers met the minimum qualification requirements for the RFP. Therefore, oral presentation invitations were extended to both proposers. The Oral Presentations for both firms were held on November 15, 2016 starting at 9:00am. Evaluation Committee Sunshine meeting was held immediately after, at approximately 11:00am.

Rating sheets were due from all committee members on November 17, 2016 and a final Evaluation Committee meeting was held on November 21, 2016.

Staff is recommending the award of RFP # FY 2015-2016-025 to Hazen and Sawyer. A summary of the rankings is as follows:

	Hazen & Sawyer	Calvin Giordano & Associates
TOTAL ALL RATERS	243.5	173.0
RANK	1	2

Exhibit 6 contains a more in depth breakdown of the rating sheet.

Hazen and Sawyer is a nationally and internationally recognized environmental engineering consulting firm that specializes solely in water and wastewater engineering and has completed thousands of major assignments in the United States and abroad for government agencies, utilities, and industrial organizations, including the City's Water Treatment Plant.

Hazen and Sawyer has designed a significant number of water and wastewater pump stations in Florida, totaling over two billion gallons per day. This work has been completed for Broward County, the cities of Fort Lauderdale, Cooper City, Plantation, and North Miami, the Town of Jupiter, and JEA (utility provider). Local design experience is critical, because it means that the firm understands the regulatory environment and sensitivities of the area.

Hazen and Sawyer is very familiar with the City's Water Treatment Plant. They designed the City's 6 million gallon/day membrane plant in the early 2000s. This membrane plant is a successful and versatile project that incorporated the possibility of alternative water supplies becoming a necessity in the future.

The consulting services for the design of new HSPs and TPs will be divided into two phases.

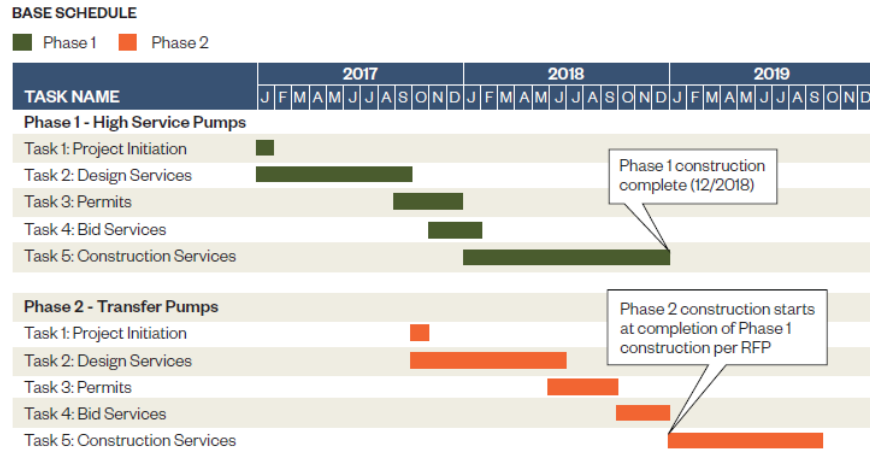
Phase 1 (1a and 1b) – High Service Pumps

Phase 2 (2a and 2b) – Transfer Pumps

1a and 2a– Design services for HSPs and TPs (design plans, permitting, opinion of probable cost and, and technical specifications and bid assistance).

1b and 2b – Owner's representative /construction oversight assistance for HSPs and TPs (construction phase coordination, contract interpretation, request for information, change orders, submittals, discipline observations, control system field testing, meetings, record drawings, project certifications).

The anticipated project schedule is as follows:



Community Benefit Plan

The RFP ranking criteria included up to 15 bonus points for those firms that provided the submission of a Community Benefit Plan with their proposal. Hazen and Sawyer has committed to ensure that they will provide tangible benefits to the communities in which they work. Hazen and Sawyer will work together to provide a benefit of 5% of the total cost of their contract.

- Annual participation in Greenfest for three years
- Annual participation in Coastal Cleanup
- Mentorship during Career Day at local schools for three years
- Summer internship for one high school student
- Use of art in public places on the high service pump station
- Participate in commission workshops for discussions of current environmental consideration, 2 experts on 3 occasions, 4 hours each
- Generate door hangers to describe and promote the high service pumps project. The purpose will be to inform residents of the City’s proactive investments of funds for replacement of critical infrastructure.

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.

Fiscal Impact

Pursuant to the Consultants Competitive Negotiations Act (CCNA), the RFP must be awarded based on qualifications and cannot include contract prices. This will be a three step process. The first step will award the RFP, the second step will be to negotiate a contract for Phase 1 -

High Service Pumps, and the third step will be to negotiate a contract for Phase 2 -Transfer Pumps.

Funding is currently available in Capital Improvement Project # P1606, High Service Pumps as follows: \$1,750,000.00 is budgeted in the Water Fund (490-3320w-565000).

Design for Phase 1, in the amount of \$400,000, was budgeted in FY 2015-2016. The preliminary construction cost for Phase 1 is \$2.7 million and necessary funding will be split over two fiscal year budgets: \$1,350,000 was budgeted in FY 2016-2017 and \$1,350,000 will be requested in FY 2017-18.

Phase 2 has a preliminary design budget of \$300,000, which will be requested in FY 2017-2018, and the estimated construction budget of \$1,095,000 will be requested in FY2018-2019.

Due to the age of the system, failure is inevitable if funding it not available in following fiscal years. In that case, problems will have to be addressed as they occur, which could pose a greater cumulative fiscal impact to the City.

Proposed Action:

Staff recommends approval of the attached resolution awarding RFP #FY2015-2016-025, CCNA Design High Service Pumps and Transfers Pumps at City of Hallandale Beach Water Treatment Plant, to the highest ranked firm, Hazen and Sawyer and authorizing the City Manager and the City Attorney to negotiate an agreement with Hazen and Sawyer and bring back for City Commission approval; furthermore, staff recommends the City Commission authorize the City Manager and the City Attorney to negotiate with the succeeding ranked firm should negotiations with Hazen and Sawyer not be successful.

Attachment(s):

Exhibit 1 – Resolution

Exhibit 2 – 2014 High Service Pumps Evaluation

Exhibit 3 – 2014 Transfer Pump Evaluation

Exhibit 4 – RFP FY 2015-2016-025 CCNA Design High Service Pumps and Transfer Pumps at the
City of Hallandale Beach Water Treatment Plant

Exhibit 5 – Form Agreement RFP 2015-2016-025

Exhibit 6 – Summary Rating Sheet RFP 2015-2016-025