



**CITY OF FORT LAUDERDALE  
City Commission Agenda Memo  
REGULAR MEETING**

**#18-0167**

---

**TO:** Honorable Mayor & Members of the  
Fort Lauderdale City Commission

**FROM:** Lee R. Feldman, ICMA-CM, City Manager

**DATE:** April 3, 2018

**TITLE:** Motion to Approve Task Order for the Reliability Upgrades and  
Disinfection System Replacement Project at the Fiveash Water Treatment  
Plant – Hazen and Sawyer, P.C. - \$695,628.55

---

**Recommendation**

It is recommended that the City Commission approve a task order, in substantially the form attached, with Hazen and Sawyer, P.C. to update plans for the Reliability Upgrades and Disinfection System Replacement Project in the amount of \$695,628.55.

**Background**

Existing project plans and specifications require updating to comply with comments from the Department of Sustainable Development's (DSD) building permit review process. The plans and specifications must comply with the 2014 version of the Florida Building Code. To comply with the building code, significant revisions to the project plans and specifications by Hazen and Sawyer are required. Also plant operations management requested the addition of design, permitting and bidding services for a pH adjustment system using carbon dioxide gas injection. This pH control system will be necessary after the plant changes disinfection chemicals.

The Fiveash Water Treatment Plant located at 949 NW 38<sup>th</sup> Street requires repairs and improvements to a wide variety of its components. The current project includes construction of a new and safer chlorine storage and dosing facility to replace the aged chlorine disinfection system along with construction of a new emergency generator facility, renovating the primary control room, and installing weather hardening features. The project contains other tasks as required to ensure the safe and reliable operations of the plant. Construction and overall projects for the plant upgrades are estimated to be around \$28 million.

**Resource Impact**

There will be a fiscal impact to the City in the amount of \$695,628.55 for the task order and \$79,200.45 for estimated in-house project management fees for a total of \$774,829.00. Funds for this task order are available in the FY 2018 Budget and Community Investment Plan in the accounts listed below.

<i>Funds available as of March 6, 2018</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
454-P11589.454-6599	Fiveash Water Treatment Plant Disinfection Improvements	Capital Outlay / Construction	\$1,486,181	\$562,829	\$562,829
450-PBS060101-3437	Utilities Engineering	Improvements, Repairs and Maintenance	\$2,960,266	\$1,710,680	\$212,000
<b>PURCHASE TOTAL →</b>					<b>\$774,829</b>

**Strategic Connections**

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Neighborhood Enhancement Cylinder of Excellence, specifically advancing:

- Goal 2: Be a sustainable and resilient community.
- Initiative 2.1: Proactively maintain our water, wastewater, road and bridge infrastructure.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

**Attachment**

Exhibit 1 – Task Order 2018-01

Prepared by: Steve Hillberg, Public Works  
 Jorge Holguin, Public Works  
 Tanzania Johnson, Finance

Department Directors: Paul A. Berg, Public Works  
 Linda Logan-Short, Finance