



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

#23-0389

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

FROM: Greg Chavarria, City Manager

DATE: June 6, 2023

TITLE: Motion Approving the Purchase of Carbon Dioxide pH Control System for
the Fiveash Water Treatment Plant - RF Environmental Services, Inc. -
\$2,999,000 - (**Commission Districts 1, 2, 3 and 4**)

Recommendation

Staff recommends the City Commission approve the purchase of a Carbon Dioxide pH Control System for the Fiveash Water Treatment Plant from RF Environmental Services, Inc., in the estimated amount of \$2,999,000.

Background

The Fiveash Water Treatment Plant's lime softening process needs additional capability to lower the acidic level to the water (pH). Currently, the plant is limited in how much lime can be added to the process before the pH exceeds regulatory limits. The installation of a "turnkey system" will facilitate adding carbon dioxide to the treatment process to lower the pH allowing the plant more flexibility to optimize the amount of lime added to increase removal of color. In addition, adding carbon dioxide to the treatment process will help protect the plant's filters, which are currently being replaced due to excess mineralization caused by high pH in the treatment process.

On December 7, 2022, the Procurement Services Division issued Invitation to Bid (ITB) No. 12748-933. The bid deadline was extended multiple times due to the insufficient number of responses that were submitted on or before the due date and time. Only one (1) supplier responded to the solicitation, which was opened on February 14, 2023.

Market outreach was conducted with vendors that showed interest in the solicitation and did not bid for various reasons including illness and workload. RF Environmental System's bid met the solicitation requirements of the ITB and deemed the low, responsive, and responsible bidder. RF Environmental System's did not indicate its status as a Disadvantaged Business Enterprise.

Resource Impact

There will be a current fiscal impact to the City in the amount of \$2,999,000 for this agreement, and \$67,500 for in-house project management fees for a total cost of

\$3,066,500. Funds for this contract, in the total amount of \$3,066,500 are available in the FY 2023 Community Investment Plan in the account listed below.

Funds available as of May 9, 2023					
ACCOUNT NUMBER	COST CENTER NAME (Program)	CHARACTER/ ACCOUNT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
10-495-7999-536-60- 6599-P11589	Fiveash Water Treatment Plant Disinfection System Replacement	Capital Outlay/ Construction	\$16,417,546	\$11,022,800	\$3,066,500
TOTAL AMOUNT ►					\$3,066,500

Strategic Connections

This item is a *2023 Top Commission Priority*, advancing the Infrastructure and Resilience initiative.

This item supports the *Press Play Fort Lauderdale 2024* Strategic Plan, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a sustainable and resilient community.
- Objective: Proactively maintain our water, wastewater, stormwater, road, and bridge infrastructure

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

This item supports the *Advance Fort Lauderdale 2040* Comprehensive Plan specifically advancing:

- The Infrastructure Focus Area
- The Sanitary Sewer, Water & Stormwater Element
- Goal 6: Ensure that all areas of the City are reasonably protected from flooding giving due consideration to the City's natural and built environment.

Attachments

Exhibit 1 - Solicitation

Exhibit 2 - Bid Tabulation

Exhibit 3 - RF Environmental Services, Inc. Response

Exhibit 4 - Agreement

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