



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

#24-0436

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

FROM: Susan Grant, Acting City Manager

DATE: June 4, 2024

TITLE: Motion Approving a Sole Source Procurement and Service Agreement for Ice Pigging the Lime Sludge Pipeline from Fiveash Water Treatment Plant and the Water Main in South Gordon Road - American Pipeline Solutions, Inc. - \$162,296 - (**Commission Districts 1, 2, 3 and 4**)

Recommendation

Staff recommends the City Commission approve a Sole Source Procurement and Service Agreement, in substantially the form attached, for ice pigging the lime sludge pipeline from Fiveash Water Treatment Plant (Fiveash) and the Water Main in South Gordon Road with American Pipeline Solutions, Inc. (APS) in the amount of \$162,296.

Background

Fiveash creates lime sludge as a byproduct of the lime softening water treatment process. The lime sludge is pumped through a 3.5-mile-long sludge pipeline from Fiveash to two (2) storage areas on the Prospect Wellfield totaling 17 acres. The relatively inert sludge is stored until dried and ready for a contractor to haul it away. The capacity of the lime sludge pipeline has been decreasing and City efforts to clean the pipeline have not resulted in lasting success.

Ice pigging uses a compressed ice slurry having the consistency of packed snow to scour the inside of the pipe. This method is more effective than flushing with water due to the abrasion of the ice particles.

On March 28, 2024, the Procurement Services Division issued a Request for Interest (RFI) No. 279 for Ice Pigging or equivalent services. APS was the only vendor who responded to the solicitation confirming them as the sole source vendor. Invitation to Bid (ITB) Event No. 294-1 was sent directly to APS to obtain pricing and acknowledgement of the City's terms and conditions.

Resource Impact

There will be a fiscal impact to the City in the amount of \$162,296 for the pipeline cleaning costs and \$30,000 for tanker truck rental, pipe materials, chemicals for chlorination and dechlorination, and disposal costs. Funds for this agreement in the total amount of \$192,296 are available in the FY 2024 Community Investment Plan in the accounts listed

below.

Funds available as of May 8, 2024					
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	\$15,915,533	\$8,278,154	\$192,296
TOTAL AMOUNT ►					\$192,296

Strategic Connections

This item is a *2024 Commission Priority*, advancing the Infrastructure and Resilience initiative.

This item supports the *Press Play Fort Lauderdale 2029* Strategic Plan, specifically advancing:

- The Infrastructure and Resilience Focus Area
- Goal 3: Be a sustainable and resilient community.

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 and Stormwater Element
- Goal 3: Develop and maintain an adequate water supply, treatment and distribution system, which meets the existing and projected needs of the service area in an efficient, economical, and environmentally sensitive manner.

Attachments

Exhibit 1 - RFI

Exhibit 2 - ITB and Response

Exhibit 3 - Agreement

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