



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

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: March 1, 2022

TITLE: Motion Approving a Design Criteria Package Agreement for the Effluent Pump Standby Generator & Administration Building – George T. Lohmeyer Wastewater Treatment Plant to Smith Engineering Consultants, Inc. - \$500,000 - **(Commission Districts 1, 2, 3 and 4)**

Recommendation

Staff recommends the City Commission approve an agreement, in substantially the form attached, with Smith Engineering Consultants, Inc., in an amount not to exceed \$500,000, for Design Criteria Package services for the George T. Lohmeyer Wastewater Treatment Plant (GT Lohmeyer WWTP) Effluent Pump Standby Generator & Administration Building.

Background

The GT Lohmeyer WWTP uses deep well injection with five (5) well pumps to discharge the treated effluent. Under the Amended Consent Order (CO) between the City of Fort Lauderdale (City) and the Florida Department of Environmental Protection (FDEP), the City has installed a temporary generator to power at least one well pump in the event of a power loss. The CO requires the City install permanent emergency generators to supply sufficient power to operate all pumps, should there be a power outage.

To comply with the CO, the City is seeking design services to create a 30% design criteria package (DCP) to provide 12 megawatts of emergency electrical power that is required to run the effluent pumps during a power outage event. The DCP will then in turn be used by the City to solicit a design-build firm to complete the work.

On August 27, 2021, the Procurement Services Division issued the Request for Qualification (RFQ) 12575-916 - Effluent Pump Standby Generator & Admin. Bldg. – GT Lohmeyer WWTP. A total of two (2) firms submitted proposals for Design Criteria Package services:

1. Smith Engineering Consultants, Inc.
2. ENGlobal Government Services, Inc.

Both firms were shortlisted based on the number of proposals received, thus both were invited to present to the Evaluation Committee on December 7 and 10, 2021. The firms were ranked based on the evaluation criteria shown in the table below. Smith Engineering Consultants, Inc. was ranked first and met all the specifications of the RFQ. Negotiations with the first ranked firm have been completed and staff recommends contract award to Smith Engineering Consultants, Inc. at the hourly rates identified in Exhibit B of the contract.

Evaluation Criteria	Weight (%)
Firm's Qualification & Experience	30
Qualification of Project Team	25
Approach	30
Reference and Past Performance	15
TOTAL	100

Firm	Rank
Smith Engineering Consultants, Inc.	1
ENGlobal Government Services, Inc.	2

Neither of the two (2) firms listed their status as a Disadvantaged Business Enterprise.

Resource Impact

There will be a fiscal impact to the City in an amount not to exceed \$500,000 for the agreement with allowances included, and \$20,000 for estimated in-house project management fees for a total cost of \$520,000. Funds for the proposed agreement, in the total amount of \$520,000 are available in the FY 2022 Community Investment Plan in the account(s) listed below.

Funds available as of January 25, 2022					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
496-P12529.496-6501	Effluent Pump Standby Generator & Admin Bldg. Improvements	Capital Outlay/ Force Account Charges	\$14,000,000	\$14,000,000	\$20,000
496-P12529.496-6534	Effluent Pump Standby Generator & Admin Bldg. Improvements	Capital Outlay/ Consultant Engineering Fees	\$14,000,000	\$14,000,000	\$500,000
TOTAL AMOUNT ►					\$520,000

Strategic Connections

This item is a *2022 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 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 – Solicitation

Exhibit 2 – Final Ranking

Exhibit 3 – Agreement

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