



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

#21-0127

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

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: November 16, 2021

TITLE: Motion Approving the Ranking of Firms, Negotiated Fee Schedule and Agreement for Construction, Engineering and Inspection Services to Replace the Oxygen Generating System for the George T. Lohmeyer Wastewater Treatment Plant – CDM Smith Inc. – \$643,000 – **(Commission Districts 1, 2, 3 and 4)**

Recommendation

Staff recommends the City Commission approve the ranking of firms and award an agreement, in substantially the attached form, to CDM Smith Inc. for services related to Construction Engineering and Inspection (CEI) to replace the oxygen generating system for the George T. Lohmeyer Wastewater Treatment Plant (GTL) at an amount not to exceed \$643,000.

Background

Operating GTL as a pure oxygen plant requires replacement of the current cryogenic technology used to generate oxygen. Proposed scope includes replacing current technology with a new 40-ton per day Vacuum Pressure Swing Adsorption (VPSA) technology. The VPSA technology utilizes compressed air, filters, and a media to produce high purity oxygen (95%) and avoids subfreezing cryogenic temperatures. The VPSA is safer to operate, requires less maintenance and is expected to reduce operating expenses over the next 30 years.

The background of the solicitation process includes the following timeline:

- On September 18, 2020, the Procurement Services Division issued a solicitation Request for Qualifications (RFQ), No. 12401-116 CCNA – CEI Services, for GTL WWTP Replacement of Oxygen System (Exhibit 1).
- On October 12, 2020, the RFQ closed with three firms submitting proposals, CDM Smith Inc., CES Consultants, Inc. and CMTS Construction Management Services LLC, attached as Exhibit 4, 5, and 6 respectively. None of the Three vendors that responded has indicated its status as Disadvantaged Business Enterprise.
- On November 4, 2020, an evaluation selection panel shortlisted two firms: CDM Smith Inc. and CES Consultants, Inc.

- On December 7, 2020, presentations were held with the two shortlisted firms and the final ranking was conducted (Exhibit 2).

Following the presentations and ranking, negotiations have been completed and staff recommends award to CDM Smith Inc. at the hourly rates identified in the Agreement (Exhibit 3).

Resource Impact

There will be a fiscal impact to the City in the amount of \$643,000 for the contract award. Funds for this contract in the total amount of \$643,000 are available in the FY2021 – FY2025 Community Investment Plan in the account(s) listed below.

<i>Funds available as of October 1, 2021</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB- OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
451-P11781.451-6534	George T. Lohmeyer Wastewater Treatment Plant Cryogenic Plant Upgrades	Capital Outlay/ Consultant Engineering	\$15,942,384	\$1,157,024	\$643,000
TOTAL AMOUNT ►					\$643,000

Strategic Connections

This item is a *2021 Top Commission Priority*, advancing the Infrastructure initiative.

This Item supports the *Press Play 2024 Fort Lauderdale 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
- Objective: Secure our community's water supply and support water conservation measures

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 2: Develop and maintain an adequate wastewater collection and treatment system, which meets existing and projected needs of the City and adjacent users in the Central

Wastewater Region.

Attachments

Exhibit 1 – Solicitation, RFQ 12401-116

Exhibit 2 – Firm Evaluations

Exhibit 3 – Agreement

Exhibit 4 – CDM Smith Inc. Proposal

Exhibit 5 – CES Consultants, Inc. Proposal

Exhibit 6 – CMTS Construction Management Services LLC Proposal

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