



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

#24-0479

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

FROM: Susan Grant, Acting City Manager

DATE: August 20, 2024

TITLE: Motion Approving Electrical Engineering, Instrumentation and Telemetry Consulting Services, Continuing Service Agreements - CHA Consulting, Inc. and Smith Engineering Consultants, Inc. - \$750,000 (three-year aggregate amount) - (**Commission Districts 1, 2, 3, and 4**)

Recommendation

Staff recommends the City Commission approve continuing service agreements, in substantially the forms attached, for Electrical Engineering, Instrumentation and Telemetry Consulting Services to CHA Consulting, Inc. and Smith Engineering Consultants, Inc., in the estimated initial three-year term aggregate amount of \$750,000, and authorize the City Manager to approve two (2) one-year renewal options, in the estimated annual renewal cumulative amount of \$250,000, for a potential total contract amount of \$1,250,000, contingent upon appropriation of funds.

Background

The City operates water treatment plants; wastewater treatment plants; raw water wells; aquifer storage wells; deep injection wells in the water and wastewater plants; water treatment facilities (including membrane technology plants); water distribution systems; wastewater collection and pumping systems; wastewater treatment facilities; reclaimed water treatment and distribution facilities; and storm water and treatment pumping stations and distribution tanks. These include the Fiveash and Peele Dixie Water Treatment Plants, the George T. Lohmeyer Wastewater Treatment Plant, and Prospect and Dixie Wellfields.

These plants and facilities are aging and require continual maintenance and upgrades to continue on providing reliable and uninterrupted water and sewer services to City residents and businesses. Due to the industrial nature of these facilities, there is a need for an electrical engineering consultant to provide specialized medium to high voltage electrical and telemetry services to keep these facilities operational around the clock. The scope of services includes electrical, instrumentation, control and telemetry design services, as well as related project management and construction management services.

On October 10, 2023, the Procurement Services Division issued Request for Qualifications (RFQ) Event No. 148 - Electrical Engineering, Instrumentation and Telemetry Consulting Services, Continuing Services Contract. A total of two (2) firms submitted proposals for these services. Neither of the firms listed their status as a Disadvantaged Business Enterprise.

1. CHA Consulting, Inc.
2. Smith Engineering Consultants, Inc.

On January 31, 2024, these firms were invited to give vendor presentations to the Evaluation Committee. The firms' presentations were ranked based on the evaluation criteria shown in the table below.

| CRITERIA | WEIGHT (%) |
|--|-------------|
| Qualifications of Firm | 25% |
| Qualifications of the Project Team | 30% |
| History and Past Performance of the Firm | 20% |
| Approach to Scope of Work | 25% |
| TOTAL: | 100% |

As a result of the presentations and evaluation process, the Evaluation Committee recommended both firms for award.

Resource Impact

There will be a fiscal impact to the City in the amount of \$750,000 for this agreement. Funds for this agreement are available in the FY 2024 Community Investment Plan in the accounts listed below. Future expenditures are contingent upon adoption of future years' budgets.

| <i>Funds available as of July 22, 2024</i> | | | | | |
|--|--|---|----------------------------|-------------------------------|------------------|
| ACCOUNT NUMBER | INDEX NAME (Program) | CHARACTER CODE/ SUB-OBJECT NAME | AMENDED BUDGET (Character) | AVAILABLE BALANCE (Character) | AMOUNT |
| 10-455-7999-536-60-6534-P12176 | George T. Lohmeyer Wastewater Treatment Plant Motor Control Centers Rehabilitation | Capital Outlay/ Consultant Engineering Fees | \$12,659,285 | \$6,705,994 | \$275,000 |
| 10-496-7999-536-60-6534-P12529 | Effluent Pumps Standby Generator and Administration Building Improvements | Capital Outlay/ Consultant Engineering Fees | \$14,000,000 | \$10,576,735 | \$275,000 |
| 10-455-7999-536-60-6534-P12801 | George T. Lohmeyer Wastewater Treatment Plant Programmable Logic Controls Panels Upgrade | Capital Outlay/ Consultant Engineering Fees | \$1,050,000 | \$850,000 | \$125,000 |
| 10-454-7999-536-60-6534-P12871 | Fiveash Replacement of the Rotary Mechanism in Hydrotreater #2 | Capital Outlay/ Consultant Engineering Fees | \$862,360 | \$861,628 | \$75,000 |
| TOTAL AMOUNT ► | | | | | \$750,000 |

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: Build 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, & 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 - Evaluation Committee Tabulation

Exhibit 3 - CHA Consulting, Inc. Agreement

Exhibit 4 - Smith Engineering Consultants, Inc. Agreement

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