



Pinellas County

Staff Report

File #: 18-1419A, **Version:** 1

Subject:

Ranking of firms and agreement with Reiss Engineering, Inc. for professional engineering services pertaining to W.E. Dunn Water Reclamation Facility electrical improvements.

Recommended Action:

Approval of the ranking of firms and agreement with Reiss Engineering, Inc. for professional engineering services for W. E. Dunn Water Reclamation Facility (WEDWRF) electrical improvements.

- The contract is for professional engineering services to develop the design, permitting and implementation of electrical improvements to the WEDWRF.
- Weather events in recent years have demonstrated the need to implement electrical improvements to the WEDWRF.
- Award recommendation is to Reiss Engineering per the Consultant Competitive Negotiation Act in the amount of \$449,439.95.
- The WEDWRF is an advanced wastewater treatment facility rated at 6.5 million gallons per day average daily flow.

The design, permitting, bidding and construction administration process are expected to be completed within nine hundred consecutive calendar days. Contract No. 189-0014-NC (SS); PID 003409A, in the amount of \$449,439.95. Authorize the Chairman to sign and the Clerk of the Court to attest.

Strategic Plan:

Foster Continual Economic Growth and Vitality

4.4 Invest in infrastructure to meet current and future needs

Deliver First Class Services to the Public and Our Customers

5.1 Maximize partner relationships and public outreach

5.2 Be responsible stewards of the public's resources

5.3 Ensure effective and efficient delivery of county services and support

Summary:

This contract is for professional engineering services to complete the design, permitting and implementation of electrical improvements to the WEDWRF. Improvements will address Florida Department of Environmental Protection (FDEP) permitting related to Class I reliability of service, power source transition, utility rates with cost benefit analysis, energy demands, sizing of generator (s), fuel storage, and constructability. The goal will be to provide improvements to the power distribution system, with emphasis on reliability when system components fail. The firms in order of ranking are attached on the ranking spreadsheet.

Background Information:

The County-owned and operated WEDWRF is an advanced wastewater treatment facility rated at 6.5 million gallons per day (mgd) average daily flow. To continue to provide safe, reliable, and sustainable reclaimed water to customers, the County must have a dependable wastewater treatment process with emergency back-up power. In recent years, the increased frequency and severity of weather events has demonstrated the need to implement electrical improvements at the WEDWRF, providing for a crucial back-up power source for critical infrastructure at the facility. The firms in order of ranking are attached on the ranking spreadsheet.

The final negotiated agreement includes a not-to-exceed amount of \$449,439.95, inclusive of \$399,439.95 for basic design services, and \$50,000.00 for owner contingency services.

The design, permitting, bidding and construction administration phases are expected to be completed within nine hundred (900) consecutive calendar days.

A Request for Qualifications (RFQ) to comply with CCNA per Florida Statute 287.055 was released September 24, 2018; the negotiation and scoping process was concluded in January 2019.

The contract includes negotiated fully burdened hourly rates including all labor, direct/indirect overhead margins/profits, and travel within the Tampa Bay Metropolitan Statistical Area (TBMSA). Travel outside of the TBMSA will be reimbursed in accordance with Section 112.061, Florida Statutes.

Fiscal Impact:

Basic Services not-to-exceed:	\$399,439.95
Contingency:	<u>\$ 50,000.00</u>
Total expenditure not-to-exceed:	\$449,439.95

Funding for this project is derived from the Capital Improvement Program: Sewer Renewal and Replacement allocation, funded from the Sewer Funds.

Staff Member Responsible:

Megan Ross, Director, Utilities
Joe Lauro, Director, Purchasing

Partners:

N/A

Attachments:

Agreement
Ranking Spreadsheet
Location Map