



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

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: April 7, 2015

TITLE: Comprehensive Utility Strategic Master Plan - Reiss Engineering, Inc. -
\$1,199,812.80

Recommendation

It is recommended that the City Commission award a contract for developing the Comprehensive Utility Strategic Master Plan (plan) to Reiss Engineering, Inc., (Reiss), in the amount of \$1,199,812.80, in substantially the form attached.

Background

On August 19, 2014 (CAM 14-0917), the City Commission approved the final ranking and commencement of contract negotiations for a comprehensive utility strategic master plan with the top ranked proposer Reiss.

The plan is necessary to provide guidance for the water and wastewater facilities to improve operations and provide efficient, economical and reliable service for the next twenty years. This considerable master planning effort will take into consideration issues such as the regulatory requirement changes, climate change impact, improved technologies, regional issues affecting area utilities as a group, as well as internal condition of the City water and wastewater utilities. To create this master plan, the Consultant will review previous water and wastewater master plans and various reports related to Utilities to create a master plan that meets the objectives outlined below:

- Provide description of external planning issues that may impact the City's Utility system in the foreseeable future
- Expand models for water and wastewater to include all information included in the City's Geographic Information System
- Provide forecasts of estimated water and wastewater capacity demands for a planning period extending up to 2035.
- Evaluate all of the City's water and wastewater treatment plants and recommend improvements to improve performance, efficiency and reliability.

- Create a list of prioritized improvement projects with conceptual costs resulting from the needs discovered in the evaluation of the City's Utility facilities arranged in 20-year Community Investment Program format.
- Provide recommendations to increase energy and water conservation and increase the use of sustainable practices throughout the utility.
- Provide recommendations for more economical and beneficial disposal of treatment plant by-products.
- Recommend measures to incorporate and increase resistance to negative effects of climate change, particularly sea level rise.
- Evaluate the City's efforts to communicate with and monitor and control widespread utility facilities by installing Supervisory Control and Data Acquisition (SCADA) system components.
- Incorporate and align utility facility needs with the City's Vision Plans and sustainability initiatives into the Utility's Community Investment Program for the next twenty years.

City staff from Procurement and Engineering negotiated labor rates with Reiss and then staff from Engineering and Public Works Operations negotiated the finalized scope of work for the plan.

Staff has completed all negotiations and is requesting the City Commission to award the contract.

Payment shall be made by City to Consultant using a City P-Card (credit card).

Resource Impact

There will be a fiscal impact to the City in the amount of \$1,199,812.80 for the contract and \$119,981.20 for estimated engineering administration fees, for a total of \$1,319,794.

<i>Funds available as of April 2, 2015</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	OBJECT CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Object Code)	AVAILABLE BALANCE (Object Code)	AMOUNT
454-P11858.454-6599	Comprehensive Utility Strategic Master Plan	Capital Outlay/ Construction	\$1,891,331	1,880,913	\$1,319,794
TOTAL →					\$1,319,794

Strategic Connections

This item is a *Press Play Fort Lauderdale Strategic Plan* initiative, included within the Infrastructure Cylinder of Excellence, specifically advancing:

- Goal 2: Be a sustainable and resilient community.
- Objective 1: Proactively maintain our water, wastewater, road, and bridge infrastructure.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

Attachment

Exhibit 1 – Comprehensive Utility Strategic Master Plan Contract

Prepared by: James Hemphill, Senior Procurement Specialist
Elizabeth Cohen, Administrative Assistant I

Department Director: Hardeep Anand, P.E., Public Works