



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

EXECUTIVE SUMMARY

Date: October 16, 2018
To: Jim Scholl, City Manager
From: John Paul Castro, Director of Utilities
Cc: Greg Veliz, Assistant City Manager

Subject:

Approving the General Utility Services Task Order Proposal from Charlie Toppino and Sons, Inc. for the Generator Repairs at the Richard A. Heyman Environmental Facility (WWTP).

Action Statement

This Resolution would approve the general utility services task order proposal from Charlie Toppino and Sons, Inc. in the amount of \$222,809.12 pursuant to resolution number 18-322 for the purchase and installation of new control panel for the emergency generator, replacing and refurbishing the radiator, and replacing and connecting the system into new transfer switches at the City's WWTP.

Background

Since commissioning the Richard A. Heyman Environmental Protection Facility (WWTP) in 1989, the City has proactively operated the WWTP, by implementing improvements and retrofits to more efficiently operate and treat the City's wastewater using current technologies and best practices.

Throughout the years, treatment processes have been modified, pumps and controls replaced, and concrete repaired. However, many of the electrical components throughout the WWTP are original and nearing 30 years old. The control panel for the generator sustained moisture damage from wind driven rain during Hurricane Irma and now does not operate automatically. The generator can only be controlled manually.

MEMORANDUM

Purpose and Justification

The Utilities Department is requesting that Charlie Toppino and Sons, Inc. provide construction services under the General Utilities Services contract to purchase and install a new control panel for the generator at the City's WWTP. This will include control panel design and purchase, new transfer switches, new connections from control to transfer power to the main electric panels for the plant and connectivity for monitoring by the plant operator. While the system is down the radiator will be serviced. The radiator will need to be removed and replaced with a crane.

The project includes a portable standby 2.5 megawatt generator to be reserved with on site capabilities in less than 24 hours. The downtime for the project is expected to be less than 3 weeks.

Financial

A budget transfer from Utilities/Sewer/Reserve account 401-3501-535-9900 will be required, the balance is currently \$7,209,138.00. The transfer of funds will go to Utilities/Sewer/CIP account 401-3504-535-6500, project HU1701F02-5356500. The project cost is \$222,809.12. Staff has reviewed the hourly cost breakdown and believes the rate mixture are properly balanced and match the hourly rates set forth within the task order compensation chart.

Staff expects reimbursement from FEMA and the State for the repair portion of the project dealing with hurricane Irma damage totaling \$161,297.68 which will be reimbursed at a rate of 75% federal and 12.5% state level. The reimbursement estimate is currently \$141,135.47. The balance of the project not hurricane Irma related or reimbursable, \$61,511.44, are costs for the standby generator, recoring of the radiator and painting in which staff took the opportunity to program preventative maintenance while the generator panel is being replaced.

Recommendation

Approve the general utilities services task order proposal from Charlie Toppino and Sons, Inc. for the repairs to the emergency generator at the City's WWTP from hurricane Irma in the amount of \$222,809.12