



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

TO: Jim Scholl, City Manager
Greg Veliz, Asst. City Manager

FROM: John Paul Castro, Utilities Director

DATE: May 6, 2019

SUBJECT: Approving General Utility Services Contract proposal from Charley Toppino & Sons, Inc. to repair damages at the Richard A. Heyman Environmental Protection Facility caused by Hurricane Irma.

Action Statement:

This is a request to approve the proposal from Charley Toppino & Sons, Inc. in the amount of \$75,785.85 for repairs and improvements to damages caused from Hurricane Irma at the Richard A. Heyman Environmental Protection Facility (WWTP).

Background:

Hurricane Irma passed through the Florida Keys in 2017 causing damage to the City's WWTP. The scum pumps located in the utilidor were flooded from storm surge. They have been replaced but should be raised so that flood damage to them does not occur again. Wind driven rain penetrated the existing louver system for the back-up generator enclosure causing damage to the controller. There is now a new controller for the generator and the generator has been repaired and painted. There is a need to fabricate a louver system that will block wind driven rain from entering the enclosure. Rain and wind from Hurricane Irma also caused damage to the ultra violet disinfection control panel. The control panel has been replaced, but it needs to be better anchored for strong wind.

Purpose and Justification:

In an effort to make improvements and prevent future damage, the City requested Charley Toppino & Sons to provide a proposal to raise the the scum pumps, located in the WWTP utilidor, to an elevation above the flood plain, design and fabricate a louver system for the back-up generator enclosure that will prevent wind driven rain to penetrate the enclosure, and to properly brace the UV channel control panel.

FEMA has authorized the three projects included in the task order under 406 Hazard

Key to the Caribbean – Average yearly temperature 77° F.

MEMORANDUM

Mitigation Proposal program which matches funds to mitigate future damage to infrastructure and property.

The task order is pursuant to general utilities service agreement extended 2 years by resolution 18-322, originally approved by resolution 15-292.

Financial Impact:

Funding will come from the City's Sewer/Waste Water Treatment Plant/Repairs and Maintenance account 401-3504-535-4600 and will be matched 75% from FEMA.

Recommendation:

Staff recommends approving the proposal from Charley Toppino & Sons, Inc in the amount of \$75,785.85 to make the above referenced repairs to the City's WWTP.