



THE CITY OF KEY WEST

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MEMORANDUM

TO: Jim Scholl, City Manager
Cc: Greg Veliz, Asst. City Manager
FROM: John Paul Castro, Utilities Director
DATE: November 21, 2018

SUBJECT: Approving General Utilities Services Task Order from D.N. Higgins, Inc for Hurricane Irma Repairs to the Reynold's Street Stormwater Outfall

Action statement:

This resolution would allow D.N. Higgins, Inc., under the General Utilities Services contract, to repair damage caused by Hurricane Irma to the Reynold's Street storm water outfall in the amount of \$80,285.45 pursuant to resolution 18-322.

Purpose and Justification:

The stormwater outfall at the end of Reynolds Street suffered extensive damage from Hurricane Irma. Storm surge and wave action shifted the tide valve box top, breaking it and further filled the valve box and a large section of pipe with sand. The valve box was cleaned to allow flow but a large section of pipe was packed such that the City's Vactor truck could not jet the pipe. Three sections of the pipe had to be removed in an emergency effort to restore flow.

D.N. Higgins' scope of work is to excavate the old existing tide valve vault, install a new vault the City already has on hand at Fleming Key, install a new Tide Flex tide valve that the City has on hand, reconnect to the existing pipe, and form and pour a new lid with a metal access hatch that the City also has on hand.

This repair will move the structure and tide valve inland approximately 56' mitigating the future possibility of damage due to storm surge and wave action.

Staff has verified the contract line item costs and agrees with the time and quantities involved for the scope of work and recommends approving DN Higgin's, Inc. to perform the repair work outlined in the task order.

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

Financial Impact:

Funds for the project will be paid out of Utilities/Stormwater/Collection System/CIP 402-3803-538-6500, project number HU1701F04. The damage was inspected and has been documented by FEMA. An application for reimbursement will be submitted.

Recommendation:

Staff recommends approving the task order to repair the Reynolds Street outfall through general utilities services contract task order by D.N. Higgins, Inc. pursuant to resolution 18-322 in the amount of \$80,285.45