



THE CITY OF KEY WEST

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MEMORANDUM

EXECUTIVE SUMMARY

TO: Bob Vitas, City Manager
E. David Fernandez, Asst. City Manager

FROM: Jay Gewin, Utilities Manager

DATE: February 16, 2014

SUBJECT: Repairs to 30" HDPE Sewer Force Main from Douglas N. Higgins in the Amount of \$69,000.05 Under Terms of the City's General Services Contract.

Action Statement:

This resolution will approve of a proposal from Douglas N Higgins under the terms of the City's General Services Contract in the amount of \$69,000.05 to repair a section of 30" Sewer High-Density Polyethylene (HDPE) sewer force main.

The City's General Services Contract with Douglas N. Higgins was executed via City Commission resolution 10-319 and extended through resolution 13-314.

Background:

This section of pipe is the former direct outfall pipe from the City's wastewater treatment plant. The City is converting this pipe to be a second inflow pipe to the plant as a part of the City's plan to expand our sewer capacity system. This plan has included capital projects such as the new North Roosevelt sewer force main, the 14th St. force main, the future project to upside Pump Station F, and the completed tie-in work at the intersection of White St. and Eaton St.

The section of pipe to be repaired has failed a water pressure test, and is in need to be repaired before it can be placed back into service. The section is located on Navy property just inside their fence at the north end of White St. There has been no active sewer flow through this pipe for several years.

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

While the section of pipe to be repaired is actually on US Navy property, the City's easement with the Navy dictates it is the City's responsibility to maintain this sewer inflow line that services thousands of City residents and businesses, and also Navy properties.

Purpose and Justification:

City Staff believes that the prices available through our General Services Contract with Douglas N. Higgins offer the best means to complete the project in a timely manner at an affordable cost. This repair must be completed before the second inflow line to the plant can be placed into service. The sewer system capacity expansion plan cannot be implemented without this line being repaired.

Options:

1. The City could opt to forego repair of the pipe. This is not a realistic solution because it would render all of the City's efforts to expand our collection system moot. We cannot expand our collection system without the second inflow line being placed into service, and we cannot put this line into service with the leak it has now.
2. A second option would be to place this item out for bid. This option is not recommended because Staff does not believe a bid would result in any savings, and would inhibit the repairs from occurring in a timely manner.
3. City Staff recommends that the Commission approve this work order from Douglas N Higgins for \$69,000.05 so that the repair can be completed in a timely manner, and that our capacity expansion project can proceed.

Financial Impact:

The \$69,000.05 repair cost will be charged to sewer budget line item 401-3503-535-46. There are sufficient funds available within this \$210,000 miscellaneous sewer repairs line item to fund the repair.

Recommendation:

Staff recommends option # 3, authorizing DN Higgins to proceed with the repair of the HPDE sewer pipe in the amount of \$69,000.05