



AGENDA MEMORANDUM

Public Works Department

City Council Regular Meeting Date: July 16, 2024

To: City Council
From: Alfred Mittl, Public Works Director
Jason Goodrich, Deputy Utilities Director
Date: June 27, 2024

SUBJECT: Professional Services in Conjunction with the City's Middle Gulf Drive Force Main Replacement Project

Consider approving a proposal from Kimley-Horn and Associates, Inc. to provide professional engineering services in the amount of \$316,374.87 for Hurricane Ian related wastewater force main improvements and authorize the City Manager to execute the agreement. Funding for these services will come from FDEP Middle Gulf Drive Force Main Replacement Grant HA018 project funding.

BACKGROUND: During recovery from Hurricane Ian, Sanibel utility staff identified an issue with the volumetric pump rate of Master Lift Station No. 3. When both pumps were running the lift station did not show a correct drawdown. Staff inspected the Master Lift Station No. 3 pumps and found no issues which indicated that there was a problem somewhere in the 12-inch force main running from Master Lift Station No. 3 to a downstream connection point. Currently, with the reduced flows from minimal resident and commercial uses, the issue is manageable. However, with increased wet season flows in the summer rainy season the force main issue could cause a failure of the sewer collection system. This project is a replacement of a damaged 12-inch force main with a new 16-inch force main or an additional parallel 12-inch force main. The increased force main capacity will allow for additional resiliency in future storms and allow this critical transmission main system to handle additional flows when needed.

Kimley-Horn's services will include, data review and compilation, site visits, surveying, subsurface utility exploration (SUE), geotechnical investigations, design drawings and technical specifications, design review meetings, FDEP permitting, cost opinions, and bid phase services. The detailed services Kimley-Horn and Associates, Inc. will provide to the City are described in the firm's proposal which is included in the agenda packet.

The City is currently entered into a Professional Services Agreement with Kimley-Horn and Associates, Inc. to perform Hurricane Ian related engineering work through September 30, 2028.

The cost for these necessary professional services is \$316,374.87.

Sanibel is and shall remain a barrier island sanctuary

FUNDING SOURCE: Funding is available in the adopted FY2024 Sewer System Capital budget for these repairs, which includes a FDEP Middle Gulf Drive Force Main Replacement Grant HA018 in the amount of \$2,186,000.00. The scope of work for this grant instructs the grantee to replace the damaged force main to prevent failure of the master pump station and allow this critical line to handle additional flows.

Grant Funding	Grant Amount	Middle Gulf Drive Force Main Replacement Project Amount	Grant Amount Remaining
FDEP Middle Gulf Drive Force Main Replacement Grant HA018	\$2,186,000.00	\$316,374.87	\$1,869,625.13

RECOMMENDED ACTION:

Motion to approve a proposal from Kimley-Horn and Associates, Inc. to provide professional engineering services in the amount of \$316,374.87 and authorize the City Manager to initiate the services.