



Legislation Text

File #: 17-1618, **Version:** 1

ITEM: AUTHORIZATION TO APPROVE A TASK ORDER TO PROVIDE ENGINEERING CONSULTING SERVICES FOR THE SOUTH SHORE FORCEMAIN REPLACEMENT PROJECT PHASE I

REQUEST: Authorization to approve a task order to Mock Roos and Associates, Inc. to provide engineering consulting services for design and bid phase services for South Shore Forcemain Replacement Phase I at a cost of \$145,396.

EXPLANATION: On January 12, 2016, Council awarded an engineering services contract (011-15/ED) to multiple vendors. As part of the solicitation, Mock Roos & Associates, Inc. was selected as one of Wellington's engineering service providers. Staff is seeking authorization to utilize such contract with Mock, Roos and Associates, Inc. to provide engineering consulting services for South Shore Forcemain Replacement Phase I project, including engineering and permitting.

The Utility owns and operates a wastewater forcemain system that includes approximately sixty (60) miles of pipe and 106 lift stations. This pressurized system delivers domestic waste to the Water Reclamation Facility for treatment. The forcemain backbone is located on South Shore Boulevard. This system was constructed in the early 1980's and includes PVC Class 160 pipe, which is inferior to typical construction materials used today. The pipeline is reaching forty (40) years of age and is nearing its useful life. Accordingly, the forcemain has been prioritized for replacement due to its age and the fact that it was constructed utilizing substandard material. Replacement of the pipeline will also provide operational redundancy in the system and will be designed to meet future growth. The existing forcemain is located on the north side of South Shore Boulevard. A forcemain routing study was conducted to review existing as-builts, evaluate the road right of way for replacement locations, evaluate methods of construction and prepare a preliminary opinion of construction cost. Routing considerations included field conditions, constructability, traffic and pedestrian impacts, conflicts with existing utilities, future growth and costs. The study recommended replacing and upgrading the system in three (3) phases at a cost of \$6.9 Million. These phases are programmed in the Utility Capital Plan for FY 2020 -FY 2023. Phase I of this project including design and permitting is in the approved FY 2019 Capital Budget.

This Work Authorization includes survey, design, permitting and bidding of Phase I, replacement from Sheffield Street to Big Blue Trace. It does not include engineering services during construction. As of March 2018, the opinion of probable construction cost was \$1.4 Million for Phase I. This Work Authorization in the amount of \$145,396, includes \$53,218 (36.6%) for survey and subsurface utility exploration work due to the numerous existing utilities in the corridor.

Staff recommends awarding a task order to Mock Roos and Associates, Inc. to provide engineering consulting services for South Shore Forcemain Replacement Phase I at a cost of \$145,396.

BUDGET AMENDMENT REQUIRED: NO

PUBLIC HEARING: NO

QUASI-JUDICIAL:

FIRST READING:

SECOND READING:

LEGAL SUFFICIENCY: YES

FISCAL IMPACT: Funds for this project are available in the South Shore Forcemain Replacement Capital Project 401-7050-536.65-09, Project 201849.

WELLINGTON FUNDAMENTAL: Responsive Government

RECOMMENDATION: Authorization to approve a task order to Mock Roos and Associates, Inc. to provide engineering consulting services for design and bid phase services for South Shore Forcemain Replacement Phase I at a cost of \$145,396.