



Legislation Text

File #: 17-519, Version: 1

TO: Mayor and Commissioners
FROM: Dale S. Sugerman, Ph.D., Assistant City Manager
THROUGH: Chief Neal de Jesus, Interim City Manager
DATE: June 20, 2017

SERVICE AUTHORIZATION NO. 12-34 TO MATHEWS CONSULTING DBA BAXTER AND WOODMAN COMPANY IN THE AMOUNT NOT-TO-EXCEED \$152,304 FOR PROFESSIONAL ENGINEERING DESIGN SERVICES FOR REPLACEMENT OF THREE (3) POTABLE WATER MAINS CROSSING UNDER THE INTRACOASTAL WATERWAY.

Recommended Action:

Motion to Approve Service Authorization No. 12-34 with Mathews Consulting dba Baxter and Woodman Company in the amount not-to-exceed \$152,304 for professional engineering design services related to the replacement of three (3) subaqueous potable water mains crossing under the intracoastal waterway (ICWW) at Dogwood Drive, SE 8th Street / Bauhinia Road, and NE 4th Street / Beach Drive.

Background:

On January 24, 2012, the City entered into an Agreement with Mathews Consulting for continuing general engineering consulting services (RFQ 2012-06). On December 13, 2016 City Commission approved the assignment and assumption of the Mathews Agreement to Baxter and Woodman Company and renewal of the agreement through June 2017.

The three (3) existing 12-inch potable subaqueous water mains crossing the ICWW at Dogwood Drive, SE 8th Street / Bauhinia Road, and NE 4th Street / Beach Drive were installed in the early 1970's and are past their useful life. The existing pipe material (ductile iron) has anti-corrosive properties; however given the full saltwater installation (under the ICWW) and the age of pipe (40+ years), these pipes are past their useful service life and in need of replacement. In the last month, a crack was discovered on one of these subaqueous water main crossings at SE 8th Street / Bauhinia Road, which required an emergency repair. To mitigate potential future emergency repairs on the other water mains crossing the intracoastal, these three (3) water mains will be replaced with a newer, more saltwater appropriate pipe material, High Density Polyethylene (HDPE).

Under this service authorization the consultant will provide professional engineering design services related to the replacement of three (3) existing subaqueous potable water mains including specifications, construction document preparation, cost estimates, permits, and project bidding. Total estimated cost for services under Service Authorization No. 12-34 is in the amount not to exceed \$152,304. All tasks will be completed by November 30, 2018. A Capital Improvement Program budget for the construction of this project is being requested for Fiscal Year 17/18.

This recommendation complies with the City Code of Ordinances, Section 36 and City Policies and Procedures.

City Attorney Review:

Approved as to form and legal sufficiency.

Finance Department Review:

Finance recommends approval.

Funding Source:

Funding is available from account number 442-5178-536.61-36 (Water/Sewer Renewal & Replacement Fund: Intracoastal Crossing Replacements).

Timing of Request:

This request is time-sensitive as it keeps the project on schedule.