



Cover Memorandum/Staff Report

File #: 20-525

Agenda Date: 8/11/2020

Item #: 6.O.1.

TO: Mayor and Commissioners
FROM: Missie Barletto, Public Works Director
THROUGH: Jennifer Alvarez, Interim City Manager
DATE: August 11, 2020

APPROVAL OF RESOLUTION NO. 124-20 TO APPROVE AN AGREEMENT WITH MOCK, ROOS AND ASSOCIATES, INC. FOR DESIGN SERVICES FOR THOMAS STREET STORMWATER PUMP STATION PURSUANT TO RFQ NO. 2020-011 (PROJECT NO. 18-017); IN AN AMOUNT NOT TO EXCEED \$552,100

Recommended Action:

Motion to Approve Resolution No. 124-20 to award an Agreement with Mock, Roos and Associates, Inc. for Design Services for Thomas Street Stormwater Pump Station pursuant to RFQ No. 2020-011 (Project No. 18-017), in an amount not to exceed \$552,100.

Background:

The City of Delray Beach (City) owns and operates the Thomas Street Pump Station located at 1101 Thomas Street in Delray Beach, Florida. This pump station currently provides stormwater pumping for the 50-acre drainage basin including Thomas Street, Vista Del Mar Drive, and part of Andrews Avenue and Lowry Street. The existing pump station consists of one 75 - Horsepower pump with a wet well and associated electrical systems and is currently rated at 18,000 Gallons Per Minute. The City of Delray Beach Stormwater Master Plan, completed by ADA Engineering in February 2019, proposed capacity increases and other major infrastructure improvements to meet South Florida Water Management District and Level of Service criteria for both current and 30-year Sea Level Rise tidal conditions. In addition, the station has broken down several times over the last several years and does not have redundant pump(s). Without backup pumps readily available, tidal flooding occurs in this area as soon as the stormwater pump station stops operating due to lack of back-flow prevention and old storm pipes that receive groundwater infiltration during high tides and King Tide events. The station appears to have served its useful life and is ready for replacement. The City obtained the professional engineering service from Carollo Engineers, Inc. to include modeling and the conceptual design of the new Thomas Street Pump Station including redundant pumps, stand-by backup power, and capacity increases.

The current phase of this project shall include all data collection, Supervisory Control and Data Acquisition (SCADA), and design for reliability and redundancy improvements. The design will focus on both short and long term improvements including modifications required to the site: including a new wet well, outfall structures, treatment structures, electrical components including a standby generator. It must be noted that without a minimum seawall elevation height ordinance established prior to the construction of the Thomas Pump Station, the project cannot fully achieve the desired results with respect to controlling the potential flooding of the roadways and residences over time.

The City issued Request for Qualifications (RFQ) No. 2020-011 to acquire a firm which will provide professional design services for the Thomas Street Stormwater Pump Station.

On March 5, 2020, the City received three (3) submittals pursuant to the RFQ. On April 28, 2020, in full accordance with the Consultants' Competitive Negotiation Act, a Selection Committee held interviews with the three (3) firms that submitted proposals and scored the submittals in a combination initial/final evaluation meeting. The final scores are listed below:

<u>Firm</u>	<u>Final Score</u>
Mock, Roos and Associates, Inc.	279
Craig A. Smith and Associates, Inc.	248
Carollo Engineers	247

In accordance with Florida Statutes, representatives from the Purchasing and Public Works Departments conducted one (1) negotiation meeting with Mock, Roos and Associates, Inc. The estimated fee proposal of \$552,091 has been reviewed by staff and finds it to be fair and reasonable. This estimated fee will be paid based upon their proposed hourly rates and actual hours worked. The project is expected to be completed within 320 calendar days after the Notice to Proceed. The Agreement terms will be from the date of full execution thru the completion of work and full acceptance by the City.

This motion is in accordance with Code of Ordinances Section 36.02 Commission Approval Required.

Attachments:

1. 2020-011 Agreement
2. Exhibit A - Scope of Services
3. Exhibit B - Fee Proposal
4. Resolution No. 124-20
5. Legal Review Checklist
6. Mock, Roos and Associates RFQ submittal
7. 2020-011 Scoring Summary

City Attorney Review:

The City Attorney recommends approval of this motion.

Funding Source:

Funding in an amount not to exceed \$552,100 is available from account number 448-38-300-538.68-62 (Capital Outlay - Stormwater Pump Station Rehab).