



CITY OF RIVIERA BEACH

P.O. DRAWER 10682
(561) 845-4180

RIVIERA BEACH, FLORIDA 33419
FAX (561) 842-5105

DIRECTOR OF PURCHASING

DATE: 10 February 2017

RE: Purchasing Recommendation – RFP 848-17-1, Consulting Engineering Firms for Water and Wastewater Utility Systems

Background: Purchasing issued a RFP on November 10, 2016 to retain Professional Engineering Consultant(s) to assist in the implementation of its Water/Wastewater Master Plan which defines the short and long range planning needs, operational and maintenance issues that impact the CRBUD. The Consultant(s) submitting were requested to be cognizant of all federal, state, county and local regulations are met and identify regulatory issues that may impact the CRBUD. The Consultant was requested to demonstrate water/wastewater experience with a similar sized utility (to the CRBUD) or larger. It was the intent of the City to award to multiple ranked firms. Projects will be assigned at the sole discretion of the Utility District.

The CRBUD has three (3) major divisions: Water Supply and Treatment; Water Distribution & Wastewater Collection.

Water Supply and Treatment

The Water Treatment Division is responsible for the daily operation and maintenance of the City's water system. This involves the operation of water treatment plant (WTP), with a maximum capacity of 17.5 million gallons per day (mgd), which provides air stripping, lime softening, filtration and disinfection of the water.

The raw water source is the Biscayne Aquifer and water is obtained from 27 production wells. Finished water is delivered to customers through the network of water transmission and water distribution lines. The water treatment plant has four (4) constant speed, three (3) variable speed high service pumps and two (2) transfer pumps together with three (3) water storage tanks and re-pump stations; four (4) constant speed and two (2) variable speed raw water transfer pumps to maintain water pressure throughout the utility service area.

Water Distribution

The Water Distribution Division is responsible for installing, maintaining and repairing the water main system which includes all valves and fire hydrants. The water transmission and water distribution system includes approximately 60 miles of piping varying in size from 6" to 30". The Meter section handles customer service, meter repairs and customer complaints. This division is also responsible for managing a Backflow Prevention Program for the City's Commercial, Industrial and multi-family properties/businesses. Emergency water interconnections exist with adjacent local utilities.

Wastewater Collection

The Sewage Collection Division is responsible for the operation and maintenance of the approximately 90 miles gravity sewer lines varying from 8” to 24” in diameter, approximately 50 sewage lift stations and force main network with pipe varying from 8” to 24” in diameter. The division is also responsible for the Master Lift Station (#50); lift stations # 47 & # 39; which pumps sewage through a 30” force main to the East Central Regional Water Reclamation Facility (ECR) in West Palm Beach, Florida.

Purchasing received five submittals for the RFP. The selection committee was held and ranked the firms as follows:

Ranking Order	BFA Environmental Consultants	Chen Moore & Associates	AECOM Technical Services, Inc.	CES Consultants, Inc.	CPH, Inc.
Score	132.40	127	116	111.50	82.40

The Selection Committee Recommended the top two ranked firms:

1. BFA Environmental Consultants
2. Chen Moore and Associated

Recommendation: Purchasing recommends the award of RFP 848-17-1 to the two topped ranked firms and to allow Purchasing to negotiate pricing. Both firms have excellent references.

Should you have any questions, please do not hesitate to contact me.

Respectfully,



Dean Mealy, II

City Purchasing Director