

**CITY OF RIVIERA BEACH DISTRICT BOARD
AGENDA ITEM SUMMARY**

MEETING DATE: JUNE 20, 2012

AGENDA ITEM SUMMARY NO. J12-051-1

- | | |
|---|--|
| <input type="checkbox"/> AWARDS / PRESENTATIONS / PETITIONS | <input checked="" type="checkbox"/> REGULAR |
| <input type="checkbox"/> CONSENT | <input checked="" type="checkbox"/> RESOLUTION |
| <input type="checkbox"/> PUBLIC HEARING | <input type="checkbox"/> DISCUSSION & DELIBERATION |
| <input type="checkbox"/> ORDINANCE ON SECOND READING | <input type="checkbox"/> BOARD APPOINTMENT |
| <input type="checkbox"/> ORDINANCE ON FIRST HEARING | <input type="checkbox"/> WORKSHOP |

TITLE / SUBJECT: Authorization to Release the Request for Qualifications (RFQ) for the Utility Special District for the rehabilitation/replacement for Lift Stations #10 and #50.

RECOMMENDATION / MOTION: Staff recommends that the Utility Special District Board authorize the release of a Request for Qualifications (RFQ) for the Utility Special District for the rehabilitation/replacement for Lift Stations #10 and #50.

DEPARTMENTAL APPROVAL REVIEW & DATE

◆City Manger or ACM	Library
◆District Attorney	Marina
◆District Clerk	Police
Community Development	Public Works
◆Interim District Finance Director	◆Purchasing
Fire	Recreation & Parks
Human Resources	◆Utility Special District
Information Systems	Other

APPROVED BY UTILITY DISTRICT:

DATE:

Originator: UTILITY SPECIAL DISTRICT	Costs: <u>\$300,000</u>	District Board Actions: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/conditions
User: UTILITY SPECIAL DISTRICT	Current FY: 2011-2012	<input type="checkbox"/> Denied <input type="checkbox"/> Tabled to <input type="checkbox"/> Referred to Staff
Advertised: Date: Paper: <input checked="" type="checkbox"/> Not Required	Funding Source: <input type="checkbox"/> Capital Improvement <input checked="" type="checkbox"/> Operating <input type="checkbox"/> Other	Attachments: 1. Resolution 2. Scope of Services 3. Preliminary Engineering Design report for LS # 10 4. Preliminary Engineering Design report for LS # 50
Affected Parties <input type="checkbox"/> Notified <input checked="" type="checkbox"/> Not Required	Budget Account Number: 413-1438-535-0-6556 for \$200,000 and 412-1438-535-6556 for \$100,000	

BACKGROUND/SUMMARY: On September 21, 2011, the Utility Special District Board of Directors adopted the City of Riviera Beach Utility Special District FY2011-2012 Budget, which included line items for the Lift Stations rehabilitation/replacement. The Utility District owns three (3) master lift stations located at Avenue U (Lift Station #50), Wells Recreation Center (Lift Station 1A), and at Haverhill Road (Lift Station #47). The remaining forty-seven (47) smaller lift stations, located throughout the District, flow through these three (3) master lift stations. Consequently, it is critical that these master lift stations are functioning properly at all times.

Lift Station #10 is located north of Blue Heron Blvd and Lake Drive and serves as the master lift station for the sewage on Singer Island. This station is in need of a major repair due to saltwater intrusion into the wet well. The station is next to the seawall, which is the likely source of the saltwater inflow. Equipment needed: Two Flygt pumps, electrical controls, generator (silent pack), odor control unit and wet well replacement. A preliminary design phase report has been provided as a premise to the final design requirements. Construction on this project should commence in mid-FY2012-2013. The approximate construction cost of this project is \$1,000,000.

Lift Station #50 is located north of Martin Luther King, Jr. Boulevard and Avenue U and serves as the Master lift station for the City of Riviera Beach Utility District, sending all of its effluent to the East Central Regional Water Reclamation Facility (ECR). These are the items needed to complete the project: Equipment needed: Four pumps, soft starts, electrical controls, generators, odor control unit, new air conditioner (AC) unit; and wet-well improvements. A preliminary design phase report has been provided as a premise to the final design requirements. Construction on this project should commence in mid-FY2012-2013. The approximate construction cost of this project is \$2,500,000.

A scope of services for the rehabilitation/replacement for Lift Stations #50 and #10 is attached for your review. The total design cost by a professional engineering consultant(s) is approximately \$300,000.

This RFQ consists of combining two (2) Capital Projects - Lift Station #10 Rehabilitation/Replacement and Lift Station #50 Rehabilitation/Replacement. The estimated design/construction value is beyond the Florida Statutes 287.055 (Consultant's Competitive Negotiation Act) dollar threshold. Therefore, the Utility District Staff recommends approval of authorization to release the Request for Qualifications (RFQ) for the rehabilitation/replacement for Lift Stations #50 and #10.

ACTION ITEM:

- Authorize the release of the Request for Qualifications (RFQ) for the rehabilitation/replacement for Utility District Lift Stations #50 and #10.

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Capital Expenditures	<u>0</u>	<u>\$300,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
Operating Costs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (City)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match (City)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>0</u>	<u>\$300,000</u>	<u>0</u>	<u>0</u>	<u>0</u>

NO. ADDITIONAL FTE POSITIONS (Cumulative) 0 _____ _____ _____ _____

Is Item Included In Current Budget? Yes X No _____

Budget Account No.: Fund 413 Dept/Division 1438 Org. 535-0 Object 6556 for \$200,000

Budget Account No.: Fund 412 Dept/Division 1438 Org. 535-0 Object 6556 for \$100,000

Reporting Category: Utility Special District Capital Lift Station and Utility Special District Capital Lift Station (sewer)

B. Recommended Sources of Funds/Summary of Fiscal Impact:

413-1438-535-0-6556 for \$200,000 and 4412-1438-535-6556 for \$100,000

C. District Fiscal Review:

 Mr. Louis C. Aurigemma, P.E., Executive Director

III. REVIEW COMMENTS

A. Finance Department and/or Purchasing/Intergovernmental Relations/Grant Comments:

 Finance Department

 Purchasing and Grants

B. Other Department Review:

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, AUTHORIZING THE DISTRICT TO RELEASE THE REQUEST FOR QUALIFICATION (RFQ) FOR THE REHABILITATION/REPLACEMENT OF LIFT STATION NUMBER 10 AND LIFT STATION NUMBER 50; AUTHORIZING THE INTERIM FINANCE DIRECTOR TO MAKE PAYMENT FROM THE UTILITY SPECIAL DISTRICT CAPITAL LIFT STATION ACCOUNT AND FROM THE UTILITY SPECIAL DISTRICT CAPITAL LIFT STATIONS (SEWER) ACCOUNT; AND MAKE PAYMENT FROM SAME; PROVIDING AN EFFECTIVE DATE.

WHEREAS, on September 21, 2011, the Utility Special District Board of Directors adopted the City of Riviera Beach Utility Special District FY 2011-2012 Budget; and

WHEREAS, the Utility Special District desires to retain professional engineering consultant(s) for the rehabilitation/replacement of Lift Stations Number 10 and Lift Station Number 50; and

WHEREAS, Utility District staff requests approval from the Utility Special District Board for authorization to release the Request for Qualification (RFQ) to retain professional engineering consultant(s).

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, AS FOLLOWS:

SECTION 1: That the Utility Special District is hereby authorized to release the Request for Qualification (RFQ) for professional engineering services.

SECTION 2: That the Interim Finance Director is authorized to make payment in the amount of \$200,000 from the Utility Special District Capital Lift Stations account number 413-1438-535-0-6556 and \$100,000 from the Utility Special District Capital Lift Stations (Sewer) account number 412-1438-535-0-6556 and make payment for same.

SECTION 3: This Resolution shall take effect upon its passage and approval by the Utility Special District Board.

PASSED AND APPROVED this 20th day of JUNE, 2012.

APPROVED:

BILLIE E. BROOKS
CHAIRPERSON

ATTEST:

CARRIE E. WARD
MASTER MUNICIPAL CLERK
UTILITY SPECIAL DISTRICT CLERK

DAWN S. PARDO
CHAIR PRO-TEM

CEDRICK A. THOMAS
BOARD MEMBER

JUDY L. DAVIS
BOARD MEMBER

SHELBY L. LOWE
BOARD MEMBER

MOTIONED BY: _____

SECONDED BY: _____

B. BROOKS _____

D. PARDO _____

C. THOMAS _____

J. DAVIS _____

S. LOWE _____

REVIEWED AS TO LEGAL SUFFICIENCY

PAMALA HANNA RYAN, CITY ATTORNEY

DATE: _____

City of Riviera Beach Utility District

Rehabilitation/Replacement of Lift Stations #10 and #50

Scope of Services

Overview

The City of Riviera Beach Utility District (CRBUD) service area includes the entire City of Riviera Beach (approximately 6.8 square miles) and also includes approximately 2.7 square miles of land outside the District's boundaries. Water is provided to approximately 38,000 residential customers and 2,600 commercial, industrial and hotel/motel establishments. The System's water treatment facilities have a permitted capacity of approximately 9.08 million gallons per day. The City has purchased and reserved 8 million gallons per day (mgd) of capacity in the East Central Regional Water Reclamation Facility.

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 30" in diameter. The Utility District owns three (3) master (sewage) lift stations located at Avenue U (Lift Station #50), Wells Recreation Center (Lift Station 1A), and at Haverhill Road (Lift Station #47). The remaining forty-seven (47) smaller lift stations, located throughout the District, flow through these three (3) master lift stations, which pumps sewage through a 30" force main for treatment at the East Central Regional Water Reclamation Facility (ECR) in West Palm Beach, Florida. Consequently, it is critical that these master lift stations are functioning properly at all times.

The City of Riviera Beach Utility District is soliciting Request for Qualifications (RFQ) for design services from Consulting Engineers on the rehabilitation/replacement of Lift Stations # 10 and # 50.

Consultant Experience

The CRBUD requests that the Consultant provides demonstrated wastewater design/construction experience with similar sized facilities or larger. Also, the Consultant must provide the qualifications and expertise of assigned Staff with similar wastewater projects and understanding of the scope of work. Experience shall also include pump operations including pump start, stop and wet well level controls, together with assessment of resultant force main pressures, flows and pump station cycling to develop recommended capital improvements. Additional wastewater transmission hydraulic modeling experience, including static as well as extended period simulation of multiple wastewater pump station -and force main systems is preferred.

CRBUD Responsibilities

The CRBUD will provide the Preliminary Design Reports for Lift Stations #10 and #50. The CRBUD staff will work closely with Consultant to assure proper coordination and interpretation of all documents.

Consultant Responsibilities

The Consultant responsibilities shall also include and not be limited to:

- Perform site visits and meet with UD staff
- Coordination with City of Riviera Beach Engineering and Building Departments
- Geotechnical Exploration
- Topographic survey
- Soft Dig services
- Prepare final engineering construction plans
- Provide lift station calculations
- Sizing of pumps and selection of equipment
- Permit new lift station through the Palm Beach County Health Department
- Bidding Assistance
- Construction Administration

Proposed Timeline/Schedule:

June 20, 2012	Utility District Board approval of Authorization to release Request for Qualifications (RFQ) for the rehabilitation/replacement of Lift Stations #10 & #50
July 1, 2012	Purchasing Department to advertise Request for Qualifications (RFQ) with cone of silence
July 26, 2012	Purchasing Department to receive Request for Qualifications
August, 2012	Selection Committee to evaluate proposals, short list firms, short-listed consultant presentations and make final ranking recommendations
September 19, 2012	Presentation of Selection Committee's recommendation of the Engineering Consultant for the Utility District Board approval