

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: March 20, 2012 **Consent** **Regular**
Public Hearing

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Contract with Atlantic Environmental Systems, Inc. for the Royal Palm Beach Lift Station Remote Telemetry Unit (RTU) Upgrade in an amount of \$753,125.

Summary: On December 13, 2011, five (5) bids were received for the Royal Palm Beach Lift station RTU Upgrade with Engineer Service Corporation (Jacksonville, Florida company) being the lowest bidder in the amount of \$738,000. The second low bid was received from Atlantic Environmental (Palm Beach County company) in the amount of \$753,125. The Palm Beach County Local Preference Ordinance provides for award to the local company if the first and second bidder are within 5%. Accordingly, Staff is recommending award to Atlantic Environmental Systems, Inc. in accordance with the local preference ordinance. This contract will replace 41 lift stations RTU's and associated lift station controls to match the Water Utilities standards. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% overall. This contract with Atlantic Environmental Systems, Inc. provides for SBE participation of 100% overall. Atlantic Environmental Systems, Inc. is a Palm Beach County company and certified SBE contractor. (WUD Project No. 11-037) District 6 (JM)

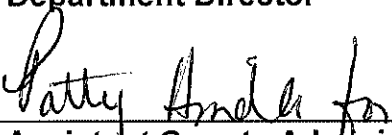
Background and Justification: The Royal Palm Beach Lift Stations use a radio frequency that will be discontinued by the Federal government in 2013. This project will replace the 41 lift station RTU's and control systems to match current Water Utilities standards.

Atlantic Environmental Systems, Inc. is the second lowest responsible, responsive bidder in the amount of \$753,125. The Office of Small Business Assistance determined that Atlantic Environmental Systems, Inc. has met the SBE goal. Staff has reviewed the bids and recommends award to the second lowest bidder, Atlantic Environmental Systems, Inc in the amount of \$753,125 based upon the 5% Local Preference. The low bid in the amount of \$738,000 is from a non-local company.

Attachments:

- 1. Two (2) Original Contracts
- 2. Location Map
- 3. Bid Tabulation Sheet
- 4. SBE Compliance Review

Recommended By:  7/8/12
Department Director **Date**

Approved By:  3/19/12
Assistant County Administrator **Date**

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2012	2013	2014	2015	2016
Capital Expenditures	<u>\$753,125.00</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 (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$753,125.00</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.: Fund 4011 Dept 721 Unit W031 Object 6546

Is Item Included in Current Budget? Yes X No

Reporting Category N/A

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

One (1) time capital expenditure from user fees with balances brought forward.

C. Department Fiscal Review: Delramon

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

[Signature]
OFMB
3/12/12
3/9/12 2/12/12

[Signature]
Contract Development and Control
3-15-12 B. Wheeler

B. Legal Sufficiency:

[Signature]
Assistant County Attorney
3/19/12

This Contract complies with our contract review requirements.

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.



**Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities**

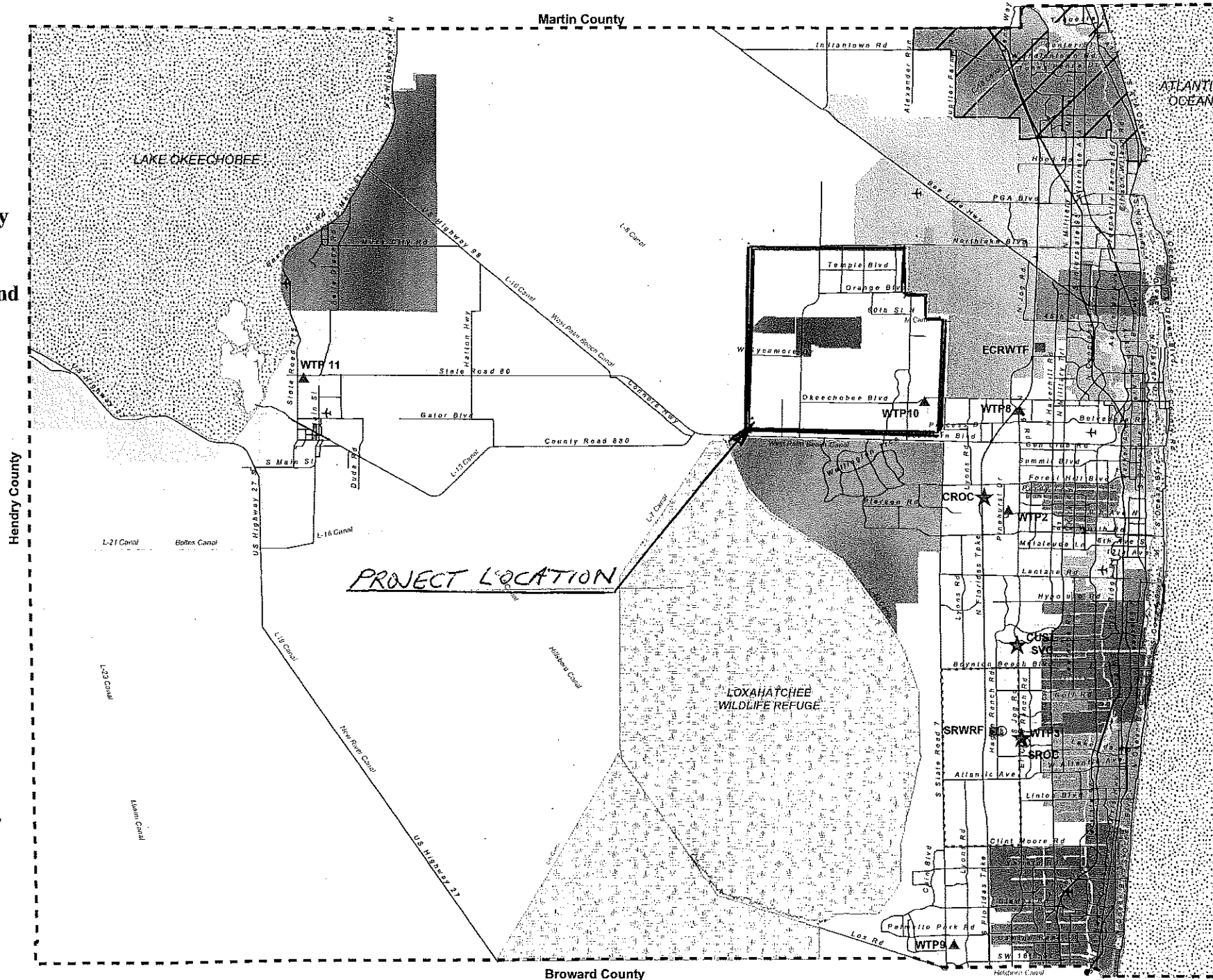
Attachment 2

Legend

- PBC WUD UTILITY SA
- - - Palm Beach County Limits
- Mandatory Reclaimed SA
- ★ Administration
- Water Reclamation Facility
- ▲ Water Treatment Facility
- ⊙ Wetlands



NOT TO SCALE



WUD 11-037 -- Royal Palm Beach Lift Station Upgrade

Item No.	Item Description	Quantity	Unit	Engineer Service Corp		Atlantic Environmental		Curry Controls Co		Electron Corp		Hinterland Group	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Demolition of Existing Multitrode System and RTU including Controller, Sensors, Radio, Float, Transformer and associated equipment	41	Each	\$642.00	\$26,322.00	\$1,460.00	\$59,860.00	\$240.00	\$9,840.00	\$256.10	\$10,500.10	\$200.00	\$8,200.00
2	RTU Unit including PLC, Radio, Enclosure, Relays, Timers, Power Supply, Battery, Breakers, Receptacle, Voltage Converter and Surge Suppressors	41	Each	\$6,650.00	\$272,650.00	\$5,465.00	\$224,065.00	\$6,726.00	\$275,766.00	\$7,025.76	\$288,056.16	\$11,026.00	\$452,066.00
3	60Watt Solar Panel, Solar Controller and Associated Equipment	41	Each	\$890.00	\$36,490.00	\$750.00	\$30,750.00	\$433.00	\$17,753.00	\$940.49	\$38,560.09	\$993.00	\$40,713.00
4	3KVA Transformer, Breakers, Associated Conduits and Cables	38	Each	\$1,200.00	\$45,600.00	\$780.00	\$29,640.00	\$450.00	\$17,100.00	\$676.63	\$25,711.94	\$530.00	\$20,140.00
5	Level Transmitter, Ultrasonic Level Transducer, Float and Cables	41	Each	\$1,695.00	\$69,495.00	\$2,780.00	\$113,980.00	\$1,916.00	\$78,556.00	\$1,924.88	\$78,920.08	\$1,756.00	\$71,996.00
6	Mounting Structure, 2" Antenna Mast, Antenna, Antenna cable, Flood Light, Switch, Exposed and Underground Conduits, Cables, Grounding, Conduit Sealoffs, Modification of Existing Control Panel, Testing and All Miscellaneous Materials for a complete working system	41	Each	\$4,800.00	\$200,900.00	\$5,010.00	\$205,410.00	\$7,279.00	\$298,439.00	\$5,942.93	\$243,660.13	\$2,427.00	\$99,507.00
7	Core Drill Existing Wet Well for 1 1/2" Conduit and Repair Coating	8	Each	\$1,325.00	\$10,600.00	\$100.00	\$800.00	\$825.00	\$6,600.00	\$182.50	\$1,460.00	\$1,166.00	\$9,328.00
8	Core Drill Existing Valve Pit for 1" Conduit and Repair	16	Each	\$1,275.00	\$19,125.00	\$100.00	\$1,500.00	\$762.00	\$11,430.00	\$182.20	\$2,733.00	\$879.00	\$13,185.00
9	Twist Lock Receptacle, Plug and 40FT of Portable SO Cord	39	Each	\$145.00	\$5,655.00	\$415.00	\$16,185.00	\$173.00	\$6,747.00	\$241.03	\$9,400.17	\$100.00	\$3,900.00
10	Additional support to existing pedestal for Lift Station No.4140	1	Each	\$1,563.00	\$1,563.00	\$835.00	\$835.00	\$608.00	\$608.00	\$164.00	\$164.00	\$890.00	\$890.00
11	Remove surge capacitor and lightning arrester, provide and install new TVSS with 30A fuse blocks and 30A fuses	41	Each	\$600.00	\$24,600.00	\$1,100.00	\$45,100.00	\$851.00	\$34,891.00	\$1,533.68	\$62,880.88	\$1,450.00	\$59,450.00
12	Allowance	1	Lump	\$25,000.00	25,000.00	\$25,000.00	25,000.00	\$25,000.00	25,000.00	\$25,000.00	25,000.00	\$25,000.00	25,000.00
TOTAL BASE BID PRICE ITEMS 1 THROUGH 12 INCLUSIVE					\$738,000.00		\$753,125.00		\$782,730.00		\$787,046.33		\$804,375.00
Local Preference					No		Yes		No		Yes		Yes
Local preference 5% decrease if applicable					\$738,000.00		\$715,468.75		\$782,730.00		\$747,694.22		\$764,166.25
Ranking with Local Preference					2		1		5		3		4



Office of
Small Business Assistance
50 South Military Trail, Suite 202
West Palm Beach, FL 33415
(561) 616-6840
Fax: (561) 616-6850
www.pbcgov.com/osba

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Board of County
Commissioners**

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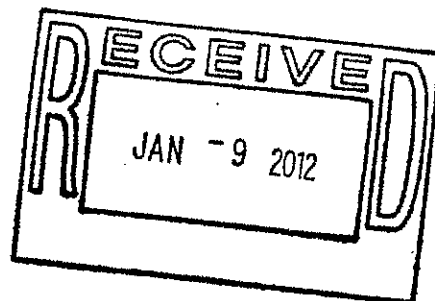
Priscilla A. Taylor

County Administrator

Robert Weisman

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DATE: January 4, 2012

TO: Stephen McGrew, P.E.
WUD Engineering Division

THROUGH: Allen Gray, Manager
Office of Small Business Assistance

FROM: Patricia Wilhelm, Small Business Development
Specialist II

SUBJECT: Compliance Review on
Project No. WUD 11-037
Royal Palm Beach Lift Station
RTU Upgrade

The following is a Compliance Review of SBE participation on the above-mentioned project.

Low Bidder: Engineer Service Corporation
POB 23511
Jacksonville, FL 32241
Phone: 904-268-0482
Bid Opening: December 13, 2011
Bid Amount: \$738,000.00
Goal: 15% Overall
Goal Achieved: 29.05%

SBE Participation:

(SB) All Lake Electrical Contr., Inc.	\$214,444.00	29.05%
	\$214,444.00	29.05%

2nd Low Bidder: Atlantic Environ. Systems, Inc.
2244 4th Ave. North
Lake Worth, FL 33461
Phone: 561-547-8080
Bid Amount: \$753,125.00
Goal: 15% Overall
Goal Achieved 100%

SBE Participation:

(SB) Atlantic Environ. Systems Inc.	\$753,125.00	100%
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Pg. 2.

3rd Low Bidder: Curry Controls Company.
4245 S. Pipkin Rd.
Lakeland, FL 33811
Phone: 863-646-5781
Bid Amount: \$782,730.00
Goal: 15% Overall
Goal Achieved: 15.22%

SBE Participation:

(SB)All Lake Electrical Contr., Inc. \$119,200.00 15.22%

\$119,200.00 15.22%

EVALUATION

All bidders have met the SBE requirement for this project.

c: Allen Gray, Manager OSBA
Tammy Fields, Sr. Assistant County Attorney
