PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

 :

Meeting Date:

June 19, 2007

Consent [X]

Regular []

Public Hearing []

Submitted By:

Water Utilities Department

Submitted For: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a Contract with Engineer Service Corporation to construct the Telemetry Information & Management System (TIMS) Upgrade Project in the amount of \$1,219,000.

Summary: On April 19, 2007, two (2) bids were received for the construction of the Telemetry Information & Management System (TIMS) Upgrade Project with Engineer Service Corporation being the low bidder in the amount of \$1,219,000. This project provides remote telemetry units at one hundred and sixty-four (164) of the Department's wastewater lift stations. Upon completion of the project, the Department will be able to remotely monitor these lift stations on a 24-hour per day basis, thereby improving system reliability and safety and minimizing operating costs. A mathematical error was made by the Contractor in the addition of the individual bid items listed on the Bid Form. The (original) total base bid in the amount of \$1,153,000 was increased to \$1,219,000 to reflect the adjustment pursuant section 5.1.3 "Instruction to Bidders" contained in the contract documents. After the adjustment, Engineer Service Corporation remains the low bidder. Staff therefore recommends award of this contract to Engineer Service Corporation in the amount of \$1,219,000. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15.00% overall. This contract provides for 21.66% SBE participation.

(WUD Project No. 05-090)

Countywide

(JM)

Background and justification: The Water Utilities Department currently operates and maintains over 700 wastewater pump stations. The Department's Master plan calls for the phased implementation of a telemetry information management system to allow the Department to remotely monitor and operate many of these lift stations from a central location utilizing an integrated radio telemetry and plant process control computer network. This project will help the Department achieve its goal of operating its wastewater facilities at minimum cost while at the same time minimizing response time to emergency situations.

Attachments:

- 1. Two (2) Original Contracts
- 2. Location map
- 3. Engineer's Recommendation & Bid Tabulation Sheet
- 4. SBE Compliance Review

Recommended By:

Department Director

Date

Approved By:

Assistant County Administrator

Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2007	2008	2009	2010	2011	
Capital Expenditures External Revenues Program Income (County)	\$1,219,000.00 <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u>	<u>0</u> 0 0	<u>0</u> 0	
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
NET FISCAL IMPACT	\$1,219,000.00	<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 <u>4011</u>	Agency <u>721</u>	Org. <u>W</u>	<u>/006</u> Object <u>6</u>	<u>502</u>	
Is Item Included in Current Budget? Yes X No						
Reporting Category <u>N/A</u>						
B. Recommended Sources of Funds/Summary of Fiscal Impact:						
One time expenditure from user fees, connection fees, and balance brought forward.						
		0	,			

III. REVIEW COMMENTS

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

B. Legal Sufficiency:

Assistant County Attorney

Department Fiscal Review:

C.

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

Project Location System Wide

Legend

P.B.C.W.U.D. SA

---- MANDATORY RECLAIMED SA

- - COUNTY LIMITS

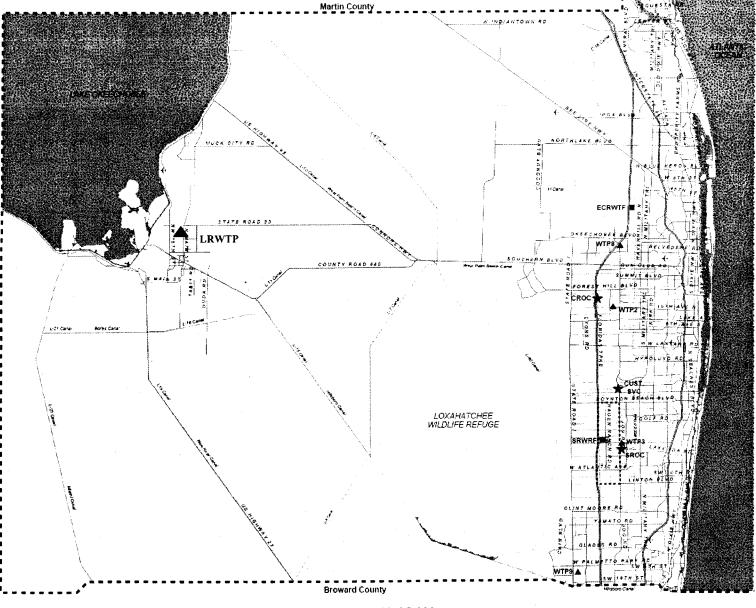
Administration

Water Reclamation Plant

▲ Water Treatment Plant

Wetlands





Project Name WUD 05-090



May 17, 2007

Water Utilities Department Engineering

P.O. Box 16097 West Palm Beach, FL 33416-6097 (561) 493-6000

Fax: (561) 493-6113 www.pbcwater.com

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Karen T. Marcus

Warren H. Newell

Mary McCarty

Burt Aaronson

Jess R. Santamaria

County Administrator

Robert Weisman

"An Equal Opportunity Affirmative Action Employer" Mr. Al C. Atkins, President ENGINEER SERVICE CORPORATION 2950 Halcyon Lane, Unit 601 Jacksonville, FL 32223

Reference: Telemetry Information & Management Systems (TIMS)

Upgrade – Phase IV Project No. WUD 05-090

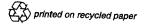
You are hereby notified that your Bid dated **April 19, 2007**, for the above Contract has been considered and you are the apparent low bidder.

The Contract Price for the Contract is **One million two hundred nineteen thousand dollars** and **no** Cents (**\$1,219,000.00**).

Attached for your further processing are (6) copies of each of the Contract Documents:

You must comply with the following conditions precedent within ten (10) working days of the date of this notification.

- You must deliver to the OWNER six (6) fully executed counterparts
 of the Contract including all the Contract Documents. Each of the
 Contract Documents must bear your original signature on the cover
 page of each set of Contract Documents.
- 2. You must deliver with the executed Contract the Public Construction Bond and Form of Guarantee as specified in the Instructions to Bidders (paragraph <u>5.2.4</u>) and General Conditions (Article <u>17</u>) together with Power of Attorney for use by the Board of County Commissioners of Palm Beach County, Florida, to insert the date of execution of the Public Construction Bond, Form of Guarantee and Contract.



3. A Certificate of Insurance evidencing insurance coverage with limits not less than those indicated in the General Conditions (Article 18) and covering the insured operations in the State of Florida.

Failure to comply with these conditions within the time specified will entitle the OWNER to consider your Bid abandoned and to declare your Bid Security forfeited.

If this contract is approved by the Board of County Commissioners within ninety (90) days after you comply with these conditions, the Owner will return to you one (1) fully signed counterpart of the Contract with the contract documents attached.

Respectfully,

Dimitrios Scarlatos Project Manager **Engineering Division**

Attachment: Contract Documents Guidelines

c: Bevin Beaudet, P.E. Leisha Pica, P.E. Brian Shields, P.E. John E. Rich, P.E. Mark Fallon Becky Salinas

Pamela Hart, SBE-M/WBE

Inter-Office Memorandum

Palm Beach County



Water Utilities Department

TO:

Bevin Beaudet, Director

Water Utilities Department

DATE:

May 9, 2007

FROM:

Brian Shields, P.E., Director of Engineering

Water Utilities Department

RE:

Notice of Award Recommendation

Telemetry Information & Management Systems (TIMS) Upgrade - Phase IV

Project No: WUD 05-090

The bid opening for the above referenced project was held on Thursday, April 19, 2007. Proposals were received from two (2) contractors. A summary of the results of the bidders' total base bid price is as follows:

BIDDER'S NAME	BASE BID
Engineer Service Corporation	\$1,219,000.00
Electron Corp. of South Florida	\$1,356,772.79

The engineer's opinion of probable construction cost was \$1,200,000. An evaluation of the low bid is as follows:

- 1. The Bid Form provided in the Contract Documents was properly executed with the exception of the total base bid. There was an error in the addition of the line item bids. The total base bid was adjusted accordingly to correct the error as per contract specifications/procedures described in subsection 5.1.3 "Bidding Procedure" under the "Instruction to Bidders" section.
- 2. Bid security equal to 5% of the total base bid was enclosed on the form provided in the Contract Documents.

- 3. SBE-M/WBE Schedules #1 and #2 provided in the Contract Documents were properly filled out. The low bidder has met the 15% SBE goal established under the SBE Ordinance. (A copy of the Office of Small Business Assistance SBE-M/WBE Compliance Review is attached.)
- 4. The lowest responsive bidder acknowledged the two (2) addendums.
- 5. The contractor holds a valid general contractor's and occupational license.

Water Utilities staff when evaluating the bid carefully considered the overall experience, qualifications, resources and references of the low bidder. Contract award to the low bidder, Engineer Service Corporation in the amount of \$1,219,000.00 is recommended.

A copy of this notice has been posted at the bid opening location and will be left there for a minimum of five (5) business days.

Leisha Pica, P.E., Deputy Director
 John E. Rich, P.E., Pipeline Design Manager
 Mark Fallon, Contract Manager

PALM BEACH COUNTY TELEMETRY INFORMATION MANAGEMENT SYSTEMS (TIMS) UPGRADE - PHASE IV WUD 05-090

APRIL 19, 2007

BID TABULATION SHEET

General					Engineer Service Corporation	Electron Corp. of South Florida
Item #	Description	Unit	Unit Price	Quantity	Price Bid	Price Bid
I	RTU/CP upgrade for LS 124	LS	N/A	1	\$14,000.00	\$16,272.80
2	RTU/CP upgrade for LS 125	LS	N/A	1	\$14,000.00	\$16,272.80
3	RTU/CP upgrade for LS 126	LS	N/A	1	\$14,000.00	\$16,272.80
4	RTU/CP upgrade for LS 136	LS	N/A	1	\$14,000.00	\$16,272.80
5	RTU/CP upgrade for LS 145	LS	N/A	i	\$14,000.00	\$16,272.80
6	RTU/CP upgrade for LS 156	LS	N/A	1	\$14,000.00	\$16,272.80
7	RTU/CP upgrade for LS 158	LS	N/A	1	\$14,000.00	\$16,272.80
8	RTU/CP upgrade for LS 159	LS	N/A	1	\$14,000.00	- \$16,272.80
9	RTU/CP upgrade for LS 176	LS	N/A	1	\$14,000.00	\$16,998.94
10	RTU/CP upgrade for LS 202	LS	N/A	1	\$14,000.00	\$16,272.80
11	RTU/CP upgrade for LS 206	LS	N/A	1	\$14,000.00	\$16,272.80
12	RTU/CP upgrade for LS 214	LS	N/A	1	\$14,000.00	\$16,998.94
13	RTU/CP upgrade for LS 240	LS	N/A	1	\$14,000.00	\$17,219.98
14	RTU/CP upgrade for LS 253	LS	N/A	1	\$14,000.00	\$16,272.80
15	RTU/CP upgrade for LS 276	LS	N/A	1	\$14,000.00	\$16,272.80
16	RTU/CP upgrade for LS 278	LS	N/A	1	\$14,000.00	\$16,272.80
17	RTU/CP upgrade for LS 279	LS	N/A	1	\$14,000.00	\$16,272.80
18	RTU/CP upgrade for LS 281	LS	N/A	1	\$14,000.00	\$16,272.80
19	RTU/CP upgrade for LS 284	LS	N/A	1	\$14,000.00	\$17,219.98
20	RTU/CP upgrade for LS 285	LS	N/A	1	\$14,000.00	\$16,998.94
21	RTU/CP upgrade for LS 287	LS	N/A	1	\$14,000.00	\$16,272.80
22	RTU/CP upgrade for LS 290	LS	N/A	1	\$14,000.00	\$16,998.94
23	RTU/CP upgrade for LS 298	LS	N/A	1	\$14,000.00	\$16,998.94
24	RTU/CP upgrade for LS 301	LS	N/A	1	\$14,000.00	\$16,272.80
25	RTU/CP upgrade for LS 309	LS	N/A	1	\$14,000.00	\$16,272.80
26	RTU/CP upgrade for LS 311	LS	N/A	1	\$14,000.00	\$16,272.80
27	RTU/CP upgrade for LS 313	LS	N/A	+	\$0.00	\$0.00
28	RTU/CP upgrade for LS 314	LS	N/A	1	\$14,000.00	\$16,998.94
29	RTU/CP upgrade for LS 318	LS	N/A	1	\$14,000.00	\$16,272.80
30	RTU/CP upgrade for LS 319	LS	N/A	. 1	\$14,000.00	\$16,272.80
31	RTU/CP upgrade for LS 322	LS	N/A	1	\$14,000.00	\$16,272.80
32	RTU/CP upgrade for LS 323	LS	N/A	1	\$14,000.00	\$16,272.80
33	RTU/CP upgrade for LS 349	LS .	N/A	1	\$14,000.00	\$16,998.94
34	RTU/CP upgrade for LS 372	LS	N/A	1	\$14,000.00	\$16,998.94
35	RTU/CP upgrade for LS 393	LS	N/A	1	\$14,000.00	\$17,219.98
36	RTU/CP upgrade for LS 395	LS	N/A	I	\$14,000.00	\$16,998.94
37	RTU/CP upgrade for LS 509	LS	N/A	11	\$14,000.00	\$16,272.80
38	RTU/CP upgrade for LS 510	LS	N/A	1	\$14,000.00	\$16,272.80
39	RTU/CP upgrade for LS 512	LS	N/A	1	\$14,000.00	\$16,272.80
40	RTU/CP upgrade for LS 513	LS	N/A	1	\$14,000.00	\$16,272.80
41	RTU/CP upgrade for LS 517	LS	N/A	1	\$14,000.00	\$16,272.80
42	RTU/CP upgrade for LS 518	LS	N/A	1	\$14,000.00	\$16,272.80
43	RTU/CP upgrade for LS 520	LS	N/A	1	\$14,000.00	\$16,272.80
44	RTU/CP upgrade for LS 521	LS	N/A	1	\$14,000.00	\$16,272.80
45	RTU/CP upgrade for LS 524	LS	N/A	1	\$14,000.00	\$16,272.80
46	RTU/CP upgrade for LS 602	LS	N/A	1	\$14,000.00	\$16,272.80
47	RTU/CP upgrade for LS 902	LS	N/A	1	\$14,000.00	\$16,272.80
48	RTU/CP upgrade for LS 903	LS	N/A	1	\$14,000.00	\$16,272.80
49	RTU/CP upgrade for LS 906	LS	N/A	1	\$14,000.00	\$16,272.80
50	RTU/CP upgrade for LS 920	LS	N/A	I	\$14,000.00	\$16,272.80
51	RTU/CP upgrade for LS 937	LS	N/A	1	\$14,000.00	\$16,272.80
52	RTU/CP upgrade for LS 952	LS	N/A	1	\$14,000.00	\$16,998.94
53	RTU/CP upgrade for LS 954	LS	N/A	i	\$14,000.00	\$16,272.80
54	RTU/CP upgrade for LS 955	LS	N/A	1	\$66,000.00	\$47,280.67
55	RTU/CP upgrade for LS 956	LS	N/A	11	\$14,000.00	\$16,272.80
56	RTU/CP upgrade for LS 959	LS	N/A	1	\$14,000.00	\$16,272.80
57	RTU/CP upgrade for LS 974	LS	N/A	1	\$66,000.00	\$57,249.46
58	RTU/CP upgrade for LS 1018	LS	N/A	1	\$14,000.00	\$16,272.80
59	RTU/CP upgrade for LS 1019	LS	N/A	11	\$14,000.00	\$16,272.80
60	RTU/CP upgrade for LS 1020	LS	N/A	1	\$14,000.00	\$16,272.80
61	RTU/CP upgrade for LS 1026	LS	N/A	1	\$14,000.00	\$16,272.80
62	RTU/CP upgrade for LS 1027	LS	N/A	i	\$14,000.00	\$16,272.80
63	RTU/CP upgrade for LS 1033	LS	N/A	1	\$14,000.00	\$16,272.80
64	RTU/CP upgrade for LS 1049	LS	N/A	1	\$63,000.00	\$57,249.46
65	RTU/CP upgrade for LS 1954	LS	N/A	1	\$14,000.00	\$16,272.80
66	RTU/CP Spare Parts	LS	N/A	1	\$35,000.00	\$57,249.46
67	Substantial Completion - Early Completion Incentiv	ve LS	\$3,000.00	30	\$90,000.00	\$90,000.00

6/4/2007

PALM BEACH COUNTY TELEMETRY INFORMATION MANAGEMENT SYSTEMS (TIMS) UPGRADE - PHASE IV WUD 05-090

APRIL 19, 2007

BID TABULATION SHEET

General				Engineer Service Corporation	Electron Corp. of South Florida
Item# Description	Unit	Unit Price	Quantity	Price Bid	Price Bid
68 Final completion - Early Completion Incentive	LS	\$1,000.00	30	\$30,000.00	\$30,000.00
69 Contract Allowances - Section 01020	LS	\$15,000.00	1	\$15,000.00	\$15,000.00
Total Items 1-69				\$1,219,000.00	\$1,356,772.79
Addendum No. 1				Yes	Yes
					A ANNA PROPERTY AND A SECOND S
Addendum No. 2				Yes	Yes
				T 7	X 7
Bid Bond (5%)				Yes	Yes





Office of Small Business Assistance

50 South Military Trail, Suite 209
West Palm Beach, FL 33415
(561) 616-6840
Pax: (561) 616-6850
www.pbcgov.com

Paim Beach County

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Karon T. Marcus

Warren H. Newell

Mary McCarty

Burt Aaronson

jess R. Santamaria

County Administrator

Robert Weisman

"An Equal Opportunity

Afternative Action Employer"

DATE:

May 7, 2007

TO:

Dimitrios Scarlatos, Pipeline Design Section Water Utilities Dept., Engineering Division

THROUGH:

Allen Gray, Manager

Office of Small Business Assistance

FROM:

Tanoy Williams, Compliance Specialist

SUBJECT: Compliance Review on Project No. WUD 05-090

Telemetry Information & Management Systems

(TIMS) Upgrade - Phase IV

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

Low Bidder:

Engineer Service Corporation

PO Box 23511

Jacksonville, FL 904-268-0482

Phone:
Bid Opening:

April 19, 2007

Bid Amount:

\$1,219,000.00

Goal:

(SB)

15% Overall

Goal Achieved:

21.66%

SBE Participation:

C.R. Dunn, Inc.

\$264,049.00

21.66%

2nd Low Bidder:

Electron Corporation of South Florida

6421 Winding Lake Drive

Jupiter, FL 33458

Phone:
Bid Amount:

561-744-1388 \$1,356,772.79

Goal:

15% Overall

Goal Achieved

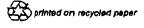
34.37%

SBE Participation:

(SB) Electron Corp.

\$466,441.00

34.37%



1g.

EVALUATION

The Low Bidder, Engineer Service Corporation, has met the SBE requirement for this project.

c: Verdenia Baker, Deputy County Administrator Hazel Oxendine, Director - OSBA Tammy Fields, Assistant County Attorney