Agenda Item #3K-7

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date:

April 21, 2015

Consent [X]
Public Hearing []

Regular []

Department:

Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a Contract with Engineer Service Corporation for the Telemetry Information Management System (TIMS) Improvements Project in the amount of \$1,098,799.50.

Summary: On January 16, 2015, three (3) bids were received to provide and install new Remote Telemetry Units (RTUs) with Programmable Logic Controllers (PLCs), antennas, level transducers, transformers, solar panels, and associated electrical components and instrumentation at 48 lift stations and replace electrical panels at four (4) stations. Engineer Service Corporation was the lowest responsive and responsible bidder in the amount of \$1,098,799.50. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The contract with Engineer Service Corporation provides for SBE participation of 89.69% overall. Engineer Service Corporation is a Palm Beach County company. The Project is included in the FY15-16 Capital Improvement Plan adopted by the Board of County Commissioners. (WUD Project No. 12-023) Districts 1, 2, 3, 5, 6 and 7 (MJ)

Background and Justification: Water Utilities Department (WUD) Capital Improvements Plan calls for telemetry upgrades of approximately 50 lift stations annually. The Project will install new RTUs with PLCs, antennas, level transducers, transformers, solar panels, and associated electrical components and instrumentation at 48 lift stations and replace electrical panels at four (4) stations in order to meet the latest WUD standards. WUD currently operates and maintains over 900 lift stations. The TIMS allows remote monitoring of many of these lift stations from a central location utilizing an integrated radio telemetry and plant process control computer network. The Project will facilitate operating the wastewater facilities at minimum cost while at the same time minimizing response time to emergency situations. The summary of bid irregularities for the three (3) lowest proposals is irregularities provided no competitive advantage.

Attachments:

- 1. Two (2) Original Contracts
- 2. Location Map
- 3. Engineer's Recommendation & Bid Tabulation Sheet
- 4. SBE Compliance Review
- 5. List of Minor Bid Irregularities

Recommended By:	Jim Stiles	4-7-15
	Department Director	Date
	€.	
Approved By:	Pallen	4/15/15
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures External Revenues Program Income (County) In-Kind Match County	\$1,098,799. 0 0 0	<u>0</u> <u>0</u> <u>0</u>	<u>O</u> <u>O</u> <u>O</u>	000	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
NET FISCAL IMPACT	\$1,098,799 ·	<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 <u>W014</u> Object <u>6502</u> Is Item Included in Current Budget? Yes X No Reporting Category N/A

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

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

lelya movest **Department Fiscal Review:** C.

III. REVIEW COMMENTS

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

Legal Sufficiency:

B.

Assistant County Attorney

C. Other Department Review:

Purchasing Department Director

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

Attachment 2 Pratt-Whitney Palm Beach LS8217 :8202 LS8211 LS8201 S8205 LS8215 Gardens Palm Beach County LS8207 Water Utilities Department Service Area and Project Location Beach Mangonia LS0199 4 Falm Wellington Legend Lift Stations included in this project PBC WUD Service Area LS0504 LS0501 Boynton LS0515 Beach Lexahal-chee Nati Wilder LS0328 0 2.5 10 L\$103 Miles Boca Sandal set ELS1062ar Rater. Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community as **Telemetry Information Management System Improvements WUD 12-023 Project Location Map**

Inter-Office Memorandum

Palm Beach County



7015 FEB 13 און 10 אַן Water Utilities Department

DATE:

February 11, 2015

TO:

Jim Stiles, Director

Water Utilities Department

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FROM:

Maurice Tobon, P.E.

Water Utilities Department, Director of Engineering

RE:

Notice of Award Recommendation

Telemetry Information Management System Improvements

Project No. WUD 12-023

The bid opening for the above referenced project was held on Friday, January 16, 2015. Proposals were received from three (3) contractors. The complete Bid Tabulation is attached. The engineer's opinion of probable construction cost was \$1,099,550.00 for Bid Item Numbers 1 through 57. An evaluation of the low bid is as follows:

- 1. The Bid Form provided in the Contract Documents was properly executed.
- 2. Bid security equal to 5% of the total base bid was enclosed with the bid.
- The contractor holds a valid state contractor's license. A copy of the license information is included.
- 4. Engineer Service Corporation has Local Preference and has submitted the required documentation. (see attached Palm Beach County Tax Collector receipt).
- 5. SBE-M/WBE Schedules #1 and #2 were provided. The low bid submitted has met the 15% SBE goal established under the SBE Ordinance, (see attached SBE-M/WBE compliance review stating Engineer Service Corporation has 89.69% SBE participation).
- 6. The County Attorney has reviewed the bid and Bid Review Comments for Engineer Service Corporation and determined that Engineer Service Corporation does not have any bid irregularities and the bid is responsive.

As a result of this evaluation, we recommend Engineer Service Corporation as the successful, responsive, low bidder. Contract award is recommended to the lowest responsive bidder in the amount not to exceed \$1,098,799.50 subject to formal approval by the Board of County Commissioners. A copy of this notice has been emailed to all bidders and is posted at the bid opening location and will be left there for a minimum of five (5) business days.

 Hassan Hadjimiry, P.E. Assistant Director Stephen McGrew, P.E. Plant Design Manager Michael W. Jones, CAO Maurice Tobon, P.E. Director of Engineering Craig C. Williams, Assistant Director of Finance & Administration

Attachment 3 - Page 1 of 3

BID TABULATION SHEET

TITLE

Telemetry Information Management System Improvements

BID#

12-023

PAGE **1** OF **1**

	Atlantic En System	is, Inc.	Electron Con Flor	_	Corpo	Service eration				
	\$1,130,	829.50	\$ 1,232,	601.51	\$1, 098,	799.50	**			
BASE BID		739.5 0		801-51	\$1,098,	860.60	\$		\$	
Addendum #1, #2 & #3	Ŷ	N	Y	N	Y	N	Y	N	Y	N
Attachment #1 BID BOND	Y	N	Y	N	Y	N	Y	N	Y	N
Attachment #2 SBE-M/WBE Schedules	Ŷ	N	Ŷ	N	Y	N	Y	N	Y	N
Attachment #3 Certification of Business Location	Y	N	Y	N	Y	N	Y	N	Y	N
Attachment #4 List of Major Subcontractors	Y	N	Y	N	Y	N	Y	N	Y	N
Attachment #5 Trench Safety	Y	N	Y	N	Y	N	Y	N	. Y	N

BIDS PICKED UP BY	KEL	ا نه مسر	ENGINEER
omorrando or br.		 	

Licensee Details Licensee Information Name: ATKINS, ALVA C (Primary Name) ENGINEER SERVICE CORPORATION (DBA Name) PO BOX 23511 Main Address: JACKSONVILLE Florida 32241 DUVAL County: License Mailing: LicenseLocation: License Information License Type: **Certified Building Contractor Cert Building** Rank: License Number: CBCA05721 Current, Active 04/12/1978 Licensure Date: Expires: 08/31/2016 **Qualification Effective** Qualifications Construction 02/20/2004 Business



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DELRAY BEACH, FL 33444

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TYPE OF BUSINESS OWNER CERTIFICATION PRECEIPT MOATE PAID AMT PAID BILL #
25-0153 BUILDING CONTRACTOR SINGNEER SERVICE CORPORATION COCA68721 314-1584679 - 09/25/14 127-20 BR/0166049

This document is $|\varpi|ie|$ only when receipted by the Tax Collector's Office.

B2 - 1005

STATE OF FLORIDA PALM BEACH COUNTY 2014/2015 LOCAL BUSINESS TAX RECEIPT

LBTR Number: 201358787 EXPIRES: SEPTEMBER 30, 2015

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

ENGINEER SERVICE CORPORATION ENGINEER SERVICE CORPORATION PC BOX 23511 JACKSONVILLE, FL 32241



Office of Small Business Assistance

50 South Military Trail, Suite 202 West Palm Beach, PL 33415

(561) 616-6840 Fax: (561) 616-6850 www.pbcgov.com/osba

20

Palm Beach County Board of County Commissioners

Shelley Vana, Mayor Mary Lou Berger, Vice Mayor

Hal R. Valeche

Paulette Burdick

Steven L. Abrams

Melissa McKinlay

Priscilla A. Taylor

County Administrator

Robert Weisman

"An Equal Opportunity Affirmative Action Employer

printed on recycled paper

DATE: '

FROM:

SUBJECT:

February 6, 2015

TO:

Kristin Hink

MWH/PBCWUD Engineering Division

THROUGH:

Allen Gray, Manager
Office of Small Business Assistance
Patricus Wilhelm, Small Business Development
Specialist II

Compliance Review on Project No. WUD 12-023

Telemetry Info. Management Sys. Improvements

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: Bid Opening: 904-268-0482 January 16, 2015 \$1,098,800.00

Bid Amount: Goal:

15% Overall

Goal Achieved:

89,69%

SBE Participation:

(SB) Engineer Service Corp.

\$739,090.00 67.26%

(SB) Energy Efficient Electric

\$246,509.00 22.43%

\$985,599.00 89.69%



Page 2.

2nd Low Bidder:

Atlantic Env. Systems, Inc. 2244 4th Ave. North Lake Worth, FL 33461 561-547-8080

Phone: Bid Amount:

\$1,130,739.50

15% Overall

Goal: Goal Achieved:

0%

SBE Participation:

1 (SB) Atlantic Env. Systems, Inc. \$ 565,369.75 0.8

\$ 565,369.75

3rd Low Bidder:

Electron Corp. of So. Fl. Inc. 127 Renaissance Cir. Jupiter, Fl. 33458 561-744-1388

Phone:

\$1,232,801.51

Bid Amount: Goal:

15% Overall

Goal Achieved:

0%

SBE Participation:
²(SB) Electron Corp.

\$ 0

\$ 0%



Page 3.

EVALUATION:

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

The second and third low bidders have not met the SBE requirement for this project.

c: Allen Gray, Manager OSBA Helene Hvizd, Assistant County Attorncy

No credit given to Atlantic Environmental Systems, Inc. as they did not provide specific information on Schedule 2 regarding the scope of work to be performed, only a percentage of the work.

No credit given to Electron Corp as they did not provide specific information on Schedule 2 regarding the scope of work to be performed only a percentage of the work.

Attachment 5

List of Minor Bid Irregularities

Bid Review Comments TIMS Improvements

Project WUD 12-023

The three (3) bids received for the TIMS Improvements project have been reviewed. The errors, omissions or irregularities found in the three bids have been noted below.

Engineer Service Corp.

- 1. Bidder's PZ&B certification has expired; however, their state license is active. Two major subcontractors are not on the PZ&B Contractor Certification list and a third subcontractor's certification has expired. However, all three subcontractor's state licenses are active.
- 2. \$14,000,000 is the bonding limit stated in the Contract Documents; however, Merchants Bonding Company (Mutual) has an underwriting limit of \$7,953,000 and Merchants National Bonding, inc. has a \$1,056,000 limit.
- 3. Attachment No. 3 to Bid Form: Bidder did not mark that it's a "Local Business" but marked the subcategory stating that it has a permanent office/site in Palm Beach County and provided the Palm Beach County Business Tax Receipt.
- 4. Bidder's total was fifty cents more than PBCWUD's calculation of total and will be adjusted accordingly.

<u>Atlantic Environmental</u>

1. Bidder's total was \$90 less than PBCWUD's calculation of total.

Electron Corp. of South Florida

1. Bidder's total is \$200 more than PBCWUD's calculation of total.

Kristin Hink

From:

Michael W. Jones [MJones@pbcgov.org]

Sent:

Wednesday, February 11, 2015 4:07 PM

To:

Kristin Hink

Cc:

Steve McGrew: Tish Fox

Subject:

RE: WUD12-023 TIMS Improvements - Legal Review

Kristin, I have reproduced the bid review comments below. See my responses in red. Bottom line, with the exception of the mathematical error, which we are required to fix, ESC didn't have any irregularities and was responsive to the bid. Do you want me to return the contract documents binder to you?

Engineer Service Corp.

- Bidder's PZ&B certification has expired; however, their state license is active. Two major subcontractors are not on the PZ&B Contractor Certification list and a third subcontractor's certification has expired. However, all three subcontractor's state licenses are active. OK to meet licensing requirements with active state license.
- 2. \$14,000,000 is the bonding limit stated in the Contract Documents; however, Merchants Bonding Company (Mutual) has an underwriting limit of \$7,953,000 and Merchants National Bonding, Inc. has a \$1,056,000 limit. Bidder met 5% bid bond requirement. The \$14,000,000 statement is in Power of Attorney submitted to support bid bond, not construction bond. It is not necessary to meet public construction bond requirement at time of bidding, nor even to use same bonding company for bid bond/construction bond. Also, even if the power of atty was submitted for the public construction bond, the underwriting limit of the company is still sufficient for the contract cost.
- 3. Attachment No. 3 to Bid Form: Bidder did not mark that it's a "Local Business" but marked the subcategory stating that it has a permanent office/site in Palm Beach County and provided the Palm Beach County Business Tax Receipt. This is not an irregularity, as local preference may be met by meeting the permanent office/site requirement.
- 4. Bidder's total was fifty cents more than PBCWUD's calculation of total and will be adjusted accordingly. OK to correct per ITB Section 5.1.3.

Atlantic Environmental

1. Bidder's total was \$90 less than PBCWUD's calculation of total. OK to correct per ITB Section 5,1.3.

Electron Corp. of South Florida

1. Bidder's total is \$200 more than PBCWUD's calculation of total. OK to correct per ITB Section 5.1.3.

From: Kristin Hink [mailto:KHink@pbcwater.com]
Sent: Wednesday, February 11, 2015 10:35 AM

To: Michael W. Jones

Cc: Steve McGrew; Tish Fox

Subject: WUD12-023 TIMS Improvements - Legal Review

Hello Michael,

I am a new project manager here in the PBCWUD Engineering Department under the CIP program and I just wanted to let you know that I had a package delivered to your office this morning. The contents are attached in this email as a PDF. Please verify when you have received it. We are looking for your review in regards to the WUD Bid Review Comments. I'm looking to provide the agenda Item by next Wednesday so that this project can go to the BCC meeting in April for award. Please provide comments at your earliest convenience. Thank you, Kristin Hink
Program Project Manager
PBC WUD Capital Improvements Program
8100 Forest Hill Blvd. Tel: 561 493 6121
West Palm Beach, FL 33413 Cell: 954 256 4329 Kristin Hink Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

2

PROJECT: TIMS Improvements PROJECT No.; WUD 12-023 Calculated Base Bid Bidder's Base Bid Alternate Bid PROJECT MANAGER: Kristin Hink	\$1,098,800.00	Atlantic Environmental \$1,130,829.50 \$1,130,739.50 \$92,000.00	Electron Corp. of South Florida \$1,232,601.51 \$1,232,801.51 \$94,106.00	
DATE: 1/16/2015				
Bid Tabulation Is the Bid Tabulation correct	Yes No N/A	Yes No N/A	Yes No N/A	
Bid Evaluation Is the bid unbalanced	×	X	X	
Is the Bidder Responsive Was the bid received, opened and accepted at the time and place set forth in the invitation for bids	х	х	x	
Bid package contains all required Attachments and Correct Bid Forms used	х	х	х	
Acknowledge receipt of all addenda	X	X	Х	
Palm Beach County Contractor's Registration/License numbers or State of Florida Contractor's Certification/Registration listed on the bid form	х	х	X	
Bid amount(s) match and free of computational errors (any such errors must be noted) requires any clarifications (any such clarifications must be is the Bidder Responsible:	х	х	х	
The bidder must have adequate financial resources to perform the contract, or the ability to obtain them, necessary to indicate its capability				
to meet all contractual requirements. Bid used PBC Bid Bond Form	Yes No N/A	Yes No N/A	Yes No N/A	
Bid Security Amount 5%	$\frac{\hat{x}}{\hat{x}}$	$\frac{\hat{x}}{\hat{x}}$		
Certifled Power of Attorney with Bid Bond	Х	Х	X	
Surety licensed to operate in FL & bonding limit acceptable		X	X	
The bidder must have a satisfactory record of integrity and business ethics including satisfactory compliance with laws related to taxes, labor and employment, environment, antitrust, and consumer protection				
GC is suspended from doing business with State of FL Subs suspended from doing business with State of FL	X	X	X	
#38)	x	x		
GC is a Scrutinized Company with State of FL Subs are a Scrutinized Company with State of FL	X	X	X	
The capacity to legally contract with the County Properly signed and notarized by the person or persons legally authorized	x	x	x	
to bind the Bidder to a contract GC registered as a vendor with PBC	x	x	X	
Vendor#	ENG10003	ATLA0064	VC0000110831	
Contractor's FEIN	59-1590951	65-0315800	65-0447449	
Is Contractor's FEIN active	_x	X	Х	
State License #	CBCA05721	CUC1225151	EC0002765	
Supplied all necessary information in connection with the inquiry concerning responsibility, including but not limited to any licenses, permits, or organization papers required.	·			
License Check				
Each bidder, and all identified subcontractors, must be properly certified and licensed in the State of Florida and/or Palm Beach County, as applicable, for the purpose of performing the specified work.	Yes No N/A	Vog. 11- 11/4	V N- 11/4	
GC properly licensed with State of FL GC registered/enrolled with PBC/PZ&B Contractor Certifications Major Subs Licensed/Certified	Yes No N/A X	Yes No N/A X X X X	Yes No N/A X X X	

PROJECT: TIMS Improvements PROJECT No.: WUD 12-023 Calculated Base Bidder's Base Alternate	Bld \$1,098,800.00	Atlantic Environmental \$1,130,829.50 \$1,130,739.50 \$92,000.00	Electron Corp. of South Florida \$1,232,601.51 \$1,232,801.51 \$94,106.00	
PROJECT MANAGER: Kristin Hink DATE: 1/16/2015				
SBE-M/WBE Participation Is there SBE participation SBE participation amount (\$) SBE participation %*	X \$985,559.00 89.694%	\$0.00 0.000%	\$0.00 0.000%	
If low Bidder is \underline{not} responsive to SBE requirement then:			., .,	
Is Bid <pre>S1M?</pre> Is the next low bid responsive to SBE rqmt.? Is the next low bid less than the low bid plus 10%? If Yes to both above, then: SBE preference is awarded to next low bid responsive to SBE rqmt.	Yes No N/A NA	Yes No N/A	Yes No N/A	
If there are no Bidders that are responsive to SBE requirement then: Is the SBE participation > 7%? Is the next low bid less than the low bid plus 10%? If Yes to both above, then: SBE preference is awarded to next low bid responsive to SBE rqmt.	NA NA	NA	NA	
Is Bid > \$1M? Is the next low bid responsive to SBE rgmt.? Is the next low bid less than \$100,000 plus 3% of the total bid in exce \$1,000,000? If Yes to both above, then: SBE preference is awarded to next low bid responsive to SBE rgmt.		NA NA	NA NA	
If there are no Bidders that are responsive to SBE requirement then: Is the SBE participation > 7%? Is the bid less than \$100,000 plus 3% of the total bid in excess of \$1,000,000?	NA	NA	NA	
If Yes to both above, then: SBE preference is awarded to next low bid		tage participation to be revie	ew and verified by OSBA.	
Local Preference and Glades Local Preference Has the Certification of Business Location for Local Preference been submitted (Attachment No. 3)?	Yes No N/A	Yes No N/A	Yes No N/A	
Has Business/Contractor submitted a valid business tax receipt with b	id? X	х	X	
Local Preference Is the low bid from a local business? Is the low bid from a regional or non-local business? Are the remaining bids from local businesses? If the low bid is from a regional or non-local business, then all bids flocal bidders are decreased 5% for purposes of determing local preference (to a maximum of \$100,000 difference). See below.	X X X X	X	X	
Is project located in the Glades area as defined in the Ordinance? If so apply Glades Local Preference, below.), X	x	х	

PROJECT: TIMS improvements PROJECT No.: WUD 12-023 Calculated Base Bid Bidder's Base Bid Alternate Bid	\$1,098,800.00	Atlantic Environmental \$1,130,829.50 \$1,130,739.50 \$92,000.00	Electron Corp. of South Florida \$1,232,601.51 \$1,232,801.51 \$94,106.00
PROJECT MANAGER: Kristin Hink DATE: 1/16/2015 Glades Local Preference Certification of Business Location for Glades Local Preference (takes precedence over the above Local Preference) Is the low bid from a permanent Glades business or a local business who utilizes Glades subcontractor(s)? Is the low bid from a Non-Glades businesse? Are the remaining bids from Glades businesses or local businesses that utilize Glades subcontrator(s)? If the low bid is from a Non-Glades business, then all bids received from responsive, responsible Glades Bidders are decreased by 5% to a maximum of \$100,000 difference. If the low bid is from a Non-Glades business, then all bids from Non- Glades, local bidders who utilize a Glades subcontractor(s) are decreased by the following: If the Glades subcontractors are utilized a minimum of 15% of the bid, then the bids are decreased by 4% to a maximum of \$100,000 difference. If the Glades subcontractors are utilized a minimum of 30% of the bid, then the bids are decreased by 4% to a maximum of \$100,000 difference.		X	X
Adjusted Bid Based on Local Preference (decreased 5%)	\$1,043,860.00	\$1,074,202.53	\$1,171,161.43
Or Adjusted Bid Based on Glades Preference (decreased as outlined above: 3%, 4% or 5%)	NA	NA	NA NA
Note: Local and Glades Local Preference bid amounts are decreased only for the purposes of determining preference.			