

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM SUMMARY

Meeting Date: November 22, 2016                      Consent [X]                      Regular [ ]  
Public Hearing [ ]

Department: Water Utilities Department

I. EXECUTIVE BRIEF

**Motion and Title:** Staff recommends motion to approve: Consultant Services Authorization (CSA) No. 25 for Southern Region Water Reclamation Facility (SRWRF) Electrical Master Plan Project (Project) with Smith Engineering Consultants, Inc. in the amount of \$179,694.96.

**Summary:** On June 3, 2014, the Board of County Commissioners (BCC) approved the Water Utilities Department (WUD) Engineering/Professional Services Contract (Contract) with Smith Engineering Consultants, Inc. (R2014-0828). CSA No. 25 provides for a comprehensive electrical master plan study for the SRWRF. The SRWRF is 25 years old and is nearing the renewal cycle for major electrical equipment and electrical cabling. The Project is necessary to maintain the SRWRF at peak performance, improve safety, and is part of the WUD asset management plan. The Project will assess the condition of the electrical equipment and cables and determine the need for future capital improvements and necessary funding requirements. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The Contract provides for SBE participation of 100%. CSA No. 25 includes 100% overall participation. The cumulative SBE participation is 100% overall. Smith Engineering Consultants, Inc. is a Palm Beach County company. The Project is included in the FY17 Capital Improvement Plan adopted by the BCC. (WUD Project No. 16-050) District 5 (MJ)

**Background and Justification:** The SRWRF is 25 years old and will soon require major electrical renewal and upgrades to maintain peak performance. The SRWRF uses a 4,160-volt distribution system to the 12 buildings, where the power is subsequently reduced with transformers to 480-volt. The transformers are nearing the end of their useful life. Arc flash studies have recommended installing electrical current limiting devices to increase safety.

**Attachments:**

- 1. Location Map
- 2. Two (2) Original CSA No. 25

Recommended By: Jim Stiles                      10-25-16  
Department Director                      Date

Approved By: [Signature]                      11-7-16  
Deputy County Administrator                      Date

## II. FISCAL IMPACT ANALYSIS

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2017	2018	2019	2020	2021
Operating Expenditures	<u>\$179,695</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>\$179,695</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 4001 Dept 720 Unit 2322 Object 3120

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 *operating* expenditure from user fees with balances brought forward.

C. Department Fiscal Review: Debra M. West


### III. REVIEW COMMENTS

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

OFMB ET 10/26 <sup>10/27</sup>

*[Signature]*  
Contract Development and Control

**B. Legal Sufficiency:**

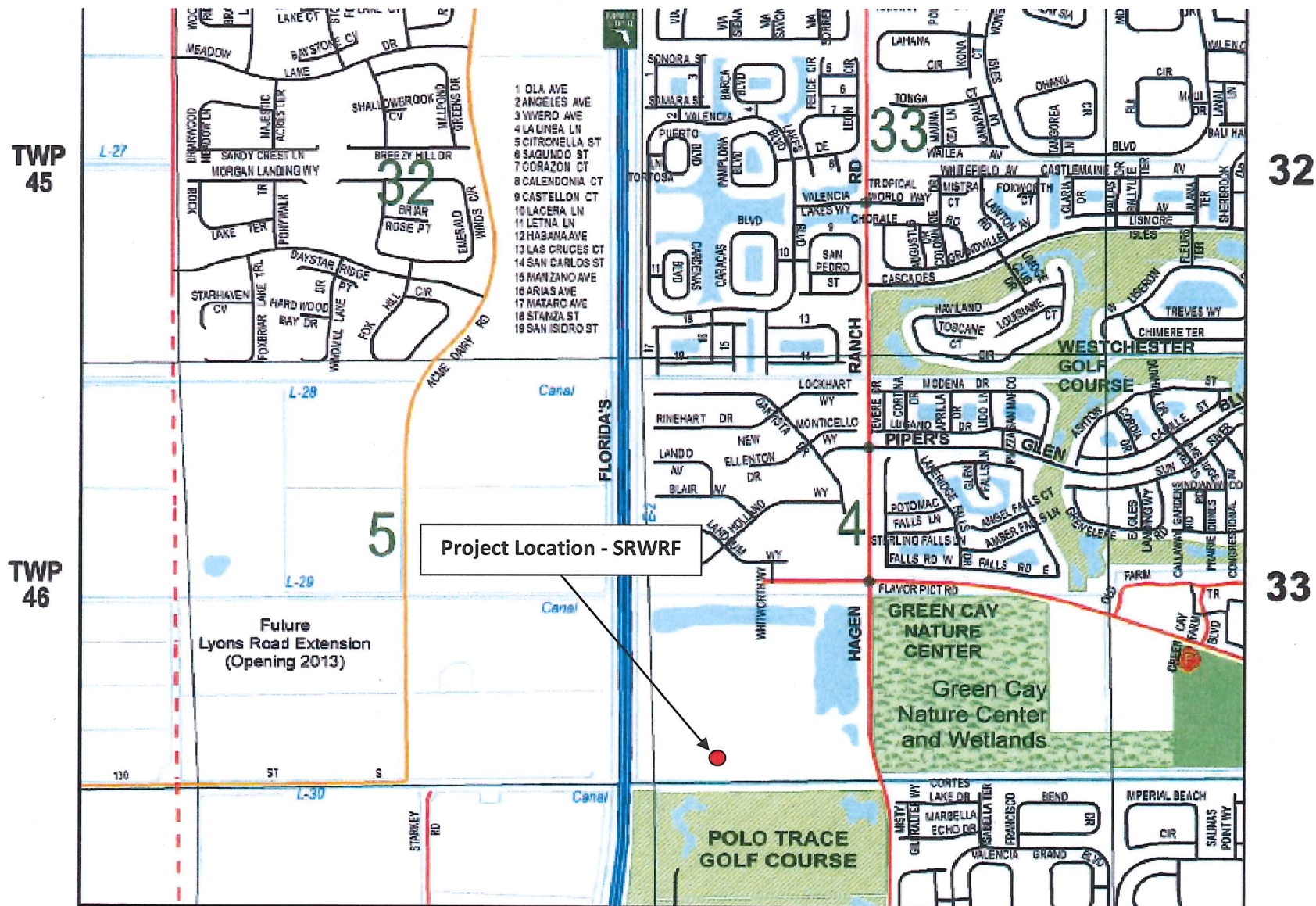
 11/3/16  
Assistant County Attorney

**C. Other Department Review:**

Department Director

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

ATTACHMENT 1  
Location Map



**See pg 108**

**RNG 42**

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**CONSULTANT SERVICES AUTHORIZATION NO. 25**

**Project Title: Southern Region Water Reclamation Facility (SRWRF) Electrical Master Plan**

**Project No. WUD 16-050**

**Budget Line Item No. 4001-720-2322-3120**

**District No.: 5**

**THIS AUTHORIZATION No. 25** to the Contract for Consulting/Professional Services dated June 3, 2014 (R2014-0828), by and between Palm Beach County and the Consultant identified herein, is for the Consultant Services described in Item 3 of this Authorization. The Contract provides for 100% SBE participation overall. This Consultant Services Authorization includes 100% overall participation. The cumulative SBE participation, including this authorization is 100% overall. Additional authorization will be utilized to meet or exceed the stated overall participation goal.

1. **CONSULTANT: Smith Engineering Consultants, Inc.**
2. **ADDRESS: 2161 Palm Beach Lakes Blvd., Suite 312, West Palm Beach, FL 33409**
3. Description of Services to be provided by the Consultant:  
**See ATTACHMENT A.**
4. Services completed by the Consultant to date (Summary and Status of Authorizations):  
**See ATTACHMENT E.**
5. Consultant shall begin work promptly on the requested services.
6. The compensation to be paid to the Consultant for providing the requested services shall be:
  - A. Computation of time charges plus expenses, not to exceed \$ N/A
  - B. Fixed price of \$ 179,694.96
7. This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.

Project No. WUD 16-050    Consultant Services Authorization No. 25

Project Title: SRWRF Electrical Master Plan

8. SBE participation is included in Attachment D under this Authorization. The attached Schedule 1 defines the SBE applied to this Authorization and Schedule 2 establishes the SBE contribution from each subconsultant (Letter of Intent to perform as an SBE).
9. EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED, all other terms, conditions and obligations of the Contract dated June 3, 2014 remain in full force and effect.

IN WITNESS WHEREOF, this Authorization is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

PALM BEACH COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

Sharon R. Bock, Clerk & Comptroller,  
Palm Beach County

Palm Beach County,  
Board of County Commissioners

ATTEST:

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_  
Mayor

Typed Name: \_\_\_\_\_  
Deputy Clerk

\_\_\_\_\_  
Date

Approved as to Form and Legal  
Sufficiency

JCS

Signed: \_\_\_\_\_

Typed Name: \_\_\_\_\_  
County Attorney

CONSULTANT: \_\_\_\_\_

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Name and Title)

\_\_\_\_\_  
Date

**LIST OF ATTACHMENTS**

**Project No. WUD 16-050    Consultant Services Authorization No. 25**

**Project Title: SRWRF Electrical Master Plan**

ATTACHMENT - A	Scope of Work
ATTACHMENT - B	Budget Summary
ATTACHMENT - C	Project Schedule
ATTACHMENT - D	SBE Schedule 1, 2, 3a and 4
ATTACHMENT - E	Authorization Status Report - Summary and Status of Authorizations
ATTACHMENT - F	Authorization Status Report – Summary of SBE Tracking
ATTACHMENT - G	Location Map

## ATTACHMENT A

### CONSULTANT SERVICES AUTHORIZATION NO. 25

#### PALM BEACH COUNTY WATER UTILITIES DEPARTMENT ENGINEERING/PROFESSIONAL SERVICES

#### SCOPE OF WORK FOR SRWRF Electrical Master Plan

### INTRODUCTION

Palm Beach County (COUNTY) entered into an agreement entitled Contract for Engineering/ Professional Services - Palm Beach County Utilities Department Project No. WUD14-006 (CONTRACT) with Smith Engineering Consultants, Inc. (CONSULTANT) to provide engineering services for various general activities (Reference Document R2014-0828). This Consultant Service Authorization will be performed under that CONTRACT.

### SCOPE OF SERVICES

#### **Task 1 - Condition Assessment (Electrical Equipment and Cables):**

1. The CONSULTANT will visit the site and structures to examine the existing electrical and instrumentation equipment types, age, and condition. (No testing of equipment or cables will be performed under this scope of services; however review of available electrical test results performed by others on behalf of WUD will be reviewed to assist with the condition assessment.)
2. Prepare updated record drawings identifying the main electrical assets throughout the facility and indicating their locations on site.
3. The CONSULTANT will evaluate the present age and condition of the existing electrical and instrumentation systems and equipment and offer our recommended improvements.
4. Prepare preventative maintenance schedules and scopes of work for each of the main asset categories and type of equipment on site.
5. Prepare a reserve study outlining the necessary budget and schedule for maintenance, repair, and replacement of the main electrical assets considering the existing age and expected service life of the equipment.
6. The CONSULTANT will issue a draft of the reserve study for review by WUD. The CONSULTANT will attend a review meeting with WUD and incorporate comments from review meeting into the final reserve study.

#### **Task 2 - Electrical Specifications:**

1. Update the PBD WUD standard electrical specifications in accordance with the latest industry standards and codes, and in accordance with WUD staff design criteria. The CONSULTANT will also make recommendations for revisions to the specifications in accordance with our own engineering and design experience.

### **Task 3 - Plant Fiber and PLC Recommendations:**

1. Evaluate the existing plant control system and associated communication network including the following: overall system architecture, communications protocol, network hardware and wiring, and software. The information to be used for this evaluation will be provided under a separate CSA (Instrumentation Loop Diagrams). The CONSULTANT will make recommendations for improvements throughout the network and provided estimated costs for the same.

### **Task 4 - Electrical Master Plan:**

1. Evaluate the existing electrical and instrumentation systems and equipment in accordance with the proposed future improvements throughout the plant. These improvements are proposed in up to three (3) consecutive phases with separate improvements to be made in each phase. Most of the improvements are listed in the "Summary of Improvements" table at the end of the draft report prepared by Hazen and Sawyer dated June 15, 2016.
2. The CONSULTANT will prepare a recommended plan for improvements to the existing electrical and instrumentation systems and equipment in accordance with the proposed future improvements throughout the plant. The CONSULTANT will recommend electrical system improvements in phases to coincide with the phasing of the proposed plant improvements. Consideration will be given within each phase to later phases so that the recommended improvements to the electrical systems will carry through to future phases. (No re-work of the electrical system improvements made in an earlier phase should be required for later phases.) The CONSULTANT will also advise on the sizing of key electrical equipment, such as step-down transformers, switchgear, conduit and conductors, and relative spare capacity of this equipment and the cost benefit of upsizing key electrical equipment to gain additional capacity.
3. The CONSULTANT will provide options as available within each phase for the proposed electrical systems improvements along with estimated costs for these improvement options. Cost estimates will be Class 4 in accordance with the Association for the Advancement of Cost Estimators (AACE) Internal Recommended Practice No.18R-97.
4. Prepare five (5) copies of the draft electrical master plan detailing findings, observations and recommendations from Tasks 2, 3 and 5 for review and comment, attend a review meeting to discuss the draft, and prepare and present a PowerPoint presentation of the draft report.
5. Make final corrections to the electrical master plan and deliver five (5) copies and one (1) PDF to the Owner. Prepare and present a PowerPoint presentation of the executive summary of the final report.

The COUNTY will provide all available record drawings in AutoCAD format and O&M manuals of the facility to the CONSULTANT. The COUNTY will also provide all other available information pertaining to the plant electrical system including equipment and cable test reports, FPL records, etc. The COUNTY will provide a site plan and a list of the proposed electrical loads for each of the three (3) phases. The COUNTY will provide the assistance of a plant electrician to accompany CONSULTANT staff during their site investigations (approximately 2 months total time). The plant electrician will locate and identify the existing electrical systems

and equipment, including power, controls, and instrumentation, and open manholes, hand holes, and pull boxes as necessary to observe the existing underground wire and cables. The electrician will also open electrical equipment enclosures as necessary to observe the interiors of the equipment.

## **COMPENSATION**

Compensation shall be for the following Lump Sum Fee: \$179,694.96

## **SBE PARTICIPATION**

### **1. SCHEDULE 3(A) – Professional Services Activity Report**

This form shall be submitted by the prime contractor with each payment application when SBE and/or M/WBE sub-consultants are utilized in the performance of the contract. This form shall contain the names of all SBE and M/WBE sub-consultants, specify the sub-consultants dollar amount for each sub-consultants and show amount drawn and payments to date issued to sub-consultants.

### **2. SCHEDULE 4 – SBE-M/WBE Payment Certification**

A schedule 4 for each SBE and/or M/WBE sub-consultant shall be completed and signed by the proposed SBE and/or M/WBE after receipt of payment from the prime. When applicable, the prime shall submit this form with each application submitted to the county for payment to document payment issued to a sub-consultant in the performance of the contract.

SBE participation is included in the **ATTACHMENT F** under this authorization. The attached Schedule 1 defines the SBE applied to this CSA/Contract and Schedule 2 establishes the SBE contribution from each subcontractor (Letter of Intent to perform as an SBE).

ATTACHMENT - B								
BUDGET SUMMARY								
Task Number	Task Description	Labor Classification and Hourly Rate						
		Principal \$50.00	Engineer \$41.67	Asst. Engineer \$31.67	Designer \$21.67	Clerical \$15.00	Total Labor	Sub Consultant Services
	Southern Region Water Reclamation Facility (SRWRF) Electrical Master Plan							
	Task 1- Condition Assessment							
	Additional site visits (approx. 8 weeks total)		320	40				
1	Prepare updated record drawings for asset management	4	24	12	40			
3	Prepare evaluations and recommendations	4	80	40				
4	Prepare preventative maintenance schedules and scopes of work	4	24	60				
5,6	Prepare a reserve study (draft and final)	4	80	40	40	16		
	Subtotal Task 1	16	528	192	80	16		
	Labor Subtotal Hours	16	528	192	80	16		
	Labor Raw Costs	50	41.67	31.67	21.67	15		
	Labor Multiplier	3	3	3	3	3		1.0
	Labor SubTotal	\$ 2,400.00	\$ 66,005.28	\$ 18,241.92	\$ 5,200.80	\$ 720.00	\$ 92,568.00	
	Task 2- Electrical Specifications	4	60	40		24		
	Task 3- Plant Fiber and PLC Recommendations	4	80	40	24	8		
	Attend Meetings and Presentations (4 total w/PBC)	12	12					
	Subtotal Tasks 2 & 3 and Meetings	20	152	80	24	32		
	Labor Subtotal Hours	20	152	80	24	32		
	Labor Raw Costs	50	41.67	31.67	21.67	15		
	Labor Multiplier	3	3	3	3	3		1.0
	Labor SubTotal	\$ 3,000.00	\$ 19,001.52	\$ 7,600.80	\$ 1,560.24	\$ 1,440.00	\$ 32,602.56	
	Task 4- Electrical Master Plan							
1,2	Prepare evaluations and recommendations	24	160	80	40			
3,4,5	Prepare written report and cost estimates (draft and final including presentations for each)	24	80	40	40	16		
	Subtotal Task 4	48	240	120	80	16		
	Labor Subtotal Hours	48	240	120	80	16		
	Labor Raw Costs	50	41.67	31.67	21.67	15		
	Labor Multiplier	3	3	3	3	3		1.0
	Labor SubTotal	\$ 7,200.00	\$ 30,002.40	\$ 11,401.20	\$ 5,200.80	\$ 720.00	\$ 54,524.40	
	Subconsultant Labor Total							
	Subconsultant Multiplier							
	Subcontract Total							
	Project Total						\$ 179,694.96	

## ATTACHMENT - C

### PROJECT SCHEDULE

The completion dates for this work will be as follows (starting from CONSULTANT'S receipt of Notice-to-Proceed).

#### **Engineering Services**

#### **SRWRF Electrical Master Plan**

##### **Task 1 - Condition Assessment (Electrical Equipment and Cables):**

Draft Report	180 days from Notice to Proceed
Final Report	220 days from Notice to Proceed (2 weeks from receipt of PBC comments)

##### **Task 2 - Electrical Specifications:**

Update Standard Electrical Specifications	180 days from Notice to Proceed
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##### **Task 3 - Plant Fiber and PLC Recommendations::**

Plant Computer Network Recommendations	180 days from Notice to Proceed
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##### **Task 4 - Electrical Master Plan:**

Draft Report & Presentation	300 days from Notice to Proceed
Final Report & Presentation	360 days from Notice to Proceed (4 weeks from receipt of PBC comments)

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ATTACHMENT D  
SCHEDULE 1

LIST OF PROPOSED SBE-M/WBE CONSULTANT/SUBCONSULTANTS

PROJECT NAME: SRWRF Electrical Master Plan PROJECT NO. WUD 16-050  
NAME OF PRIME CONSULTANT: Smith Engineering Consultants, Inc. ADDRESS: 2161 Palm Beach Lakes Blvd., #312, West Palm Beach, FL 33409  
CONTACT PERSON: Larry M. Smith, P.E. PHONE NO.: (561) 616-3911 x 202 FAX NO.: (561) 616-3912  
DESCRIPTION OF SERVICES: Prepare Electrical Master Plan

PLEASE LIST THE DOLLAR AMOUNT AND PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT.  
PLEASE ALSO LIST THE DOLLAR AMOUNT AND PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUB-CONSULTANTS ON THIS  
PROJECT. IDENTIFY ALL APPLICABLE CATEGORIES OF CONSULTANT/SUBCONSULTANTS

Name, Address and Phone Number	(Check one or both Categories)		Consultant/Sub-consultant Dollar Amount and Percentage of Services						
	M/WBE	SBE	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
Smith Engineering Consultants, Inc. 2161 Palm Beach Lakes Blvd., Suite 312 1. West Palm Beach, FL 33409 (561) 616-3911	<input type="checkbox"/>	<input checked="" type="checkbox"/>						\$179,694.96	100%
2.	<input type="checkbox"/>	<input type="checkbox"/>							
3.	<input type="checkbox"/>	<input type="checkbox"/>							
4.	<input type="checkbox"/>	<input type="checkbox"/>							
(Please use additional sheets if necessary)									
Total SBE-M/WBE Participation <u>100</u> %			Total					\$179,694.96	100%

NOTE: 1. The percentages listed on this form must be supported by the sub-consultant included on Schedule 2 in order to be counted toward goal attainment.  
2. Firms may be certified by Palm Beach County as an SBE and/or M/WBE

**OSBA SCHEDULE 2**  
**LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT**

This document must be completed by ALL SBE-M/WBE's and submitted with this CSA. Specify in detail, the particular consulting services to be performed and the dollar amount and/or percentage for each services. SBE credit will only be given for services which the SBE-M/WBE's is certified to perform. Failure to properly complete Schedule 2 will result in your SBE participation not being counted.

PROJECT NUMBER: WUD 16-050 PROJECT NAME: SRWRF Electrical Master Plan

TO: Smith Engineering Consultants, Inc.  
(Name of Prime Consultant)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise X Minority Business Enterprise \_\_\_\_\_

Black \_\_\_\_\_ Hispanic \_\_\_\_\_ Women \_\_\_\_\_ Caucasian X Other (Please Specify) \_\_\_\_\_

Date of Palm Beach County Certification: 10-21-15

The undersigned is prepared to perform the following described consulting services in connection with the above project and will enter into a formal agreement for work with you, conditioned upon execution of a contract with Palm Beach County.

Additional Sheets May Be Used As Necessary

(Specify in detail the particular consulting services thereof to be performed)

Prepare Electrical Master Plan  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total SBE-M/WBE Participation 100 %

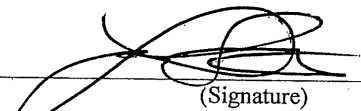
If undersigned intends to sub-subcontract any portion of this job to a certified SBE-M/WBE or a non-SBE sub-consultant, please list the name of that sub-consultant and the amount below.

Price or Percentage \_\_\_\_\_  
(Name of Sub-consultant)

The Prime Consultant affirms that it will monitor the **SBE-M/WBE** listed to ensure the **SBE-M/WBE** perform the services with their own work force. The undersigned **SBE-M/WBE** Prime or **SBE-M/WBE** sub-consultant affirms that it has the resources necessary to perform the work listed without subcontracting to a non-certified SBE or any other certified SBE sub-consultants except as noted above.

The undersigned sub-consultant understands that the provision of this form to the Prime Consultant does not prevent sub-consultant from providing quotations to other.

Smith Engineering Consultants, Inc.  
Print name of  
SBE-M/WBE Sub-consultant

By:   
(Signature)

Larry M. Smith, P.E./ President  
Print name/title of person executing on behalf  
of SBE-M/WBE

Date: 10-19-16

**OSBA Schedule 3(A)**  
**PROFESSIONAL SERVICES ACTIVITY REPORT**

Project No.: WUD 16-050  
Task Authorization No: CSA-25

REPORTING PERIOD: \_\_\_\_\_

Prime Consultant Address: 2161 Palm Beach Lakes Blvd., Suite 312  
City/State: West Palm Beach, FL Zip 33409  
Contact Person: Larry M. Smith, P.E. Phone # (561) 616-3911x202  
Contract Name: SRWRF Electrical Master Plan  
Contract Term: 12 months Contract Amount \$ 179,694.96  
Total Percentage performed by the Prime's Firm: 100% SBE-M/WBE Firm: \_\_\_\_\_  
Service Type: Architectural \_\_\_\_\_ Engineering X Surveying \_\_\_\_\_  
Other (Specify) \_\_\_\_\_  
Have Sub-Consultants completed work with its own workforce for this application?  
Yes \_\_\_\_\_ No \_\_\_\_\_

Note: If yes, complete below:

**SUB-CONSULTANTS**

1. Firms Name: \_\_\_\_\_  
Address/Tel: \_\_\_\_\_  
Estimated Start Date: \_\_\_\_\_ Contract Amount: \_\_\_\_\_  
**SCOPE OF WORK:** \_\_\_\_\_  
Percentage/Hrs Completed: \_\_\_\_\_ Amount Paid To Date \_\_\_\_\_
2. Firm's Name: \_\_\_\_\_  
Address//Tel: \_\_\_\_\_  
Estimated Start Date: \_\_\_\_\_ Contract Amount: \_\_\_\_\_  
**SCOPE OF WORK:** \_\_\_\_\_  
Percentage/Hrs Completed: \_\_\_\_\_ Amount Paid To Date \_\_\_\_\_
3. Firm's Name: \_\_\_\_\_  
Address/Tel: \_\_\_\_\_  
Estimated Start Date: \_\_\_\_\_ Contract Amount \_\_\_\_\_  
**SCOPE OF WORK:** \_\_\_\_\_  
Percentage/Hrs Completed: \_\_\_\_\_ Amount Paid To Date \_\_\_\_\_

I certify that the above is true to the best of my knowledge

\_\_\_\_\_  
Signature/Title

# OSBA SCHEDULE 4 - SBE-M/WBE PAYMENT CERTIFICATION

The Prime Contractor is to submit Schedule 4 with its Monthly Payment Request to Palm Beach County to reflect actual payments made to the SBE-M/WBE Subcontractor. The Prime Contractor is not to request signature from an SBE-M/WBE Subcontractor unless it has made a payment to the SBE-M/WBE Subcontractor. The SBE-M/WBE Subcontractor is not to complete and sign this form unless it has received a payment from the Prime Contractor for services actually performed by the SBE-M/WBE Subcontractor. A separate Schedule 4 is required for each SBE-M/WBE Subcontractor payment.

This is to certify that \_\_\_\_\_ received  
(SBE or M/WBE Subcontractor Name)

(Monthly) or (Final) payment of \$ \_\_\_\_\_ . \_\_\_\_\_

On \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ from \_\_\_\_\_  
MM DD YYYY (Prime Contractor Name)

For labor and/or materials used on \_\_\_\_\_ / \_\_\_\_\_  
(Project Name) (Work Order)

DEPT.: \_\_\_\_\_ PROJECT NO.: \_\_\_\_\_

PRIME CONTRACTOR VENDOR CODE: \_\_\_\_\_

SBE OR M/WBE SUBCONTRACTOR VENDOR CODE: \_\_\_\_\_

If the SBE Subcontractor intends to disburse any funds associated with this payment to any Subcontractor for labor provided on this project, please provide the following information:

\*Subcontractor Name: \_\_\_\_\_ Amount to be paid: \_\_\_\_\_

\*Note: If the subcontractor listed in this section is an SBE or M/WBE a separate schedule 4 is required to verify payment.

By: \_\_\_\_\_  
(Signature of Subcontractor) (Print Name & Title of Person executing on behalf of Subcontractor)

STATE OF FLORIDA  
COUNTY OF \_\_\_\_\_

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

By: \_\_\_\_\_

\_\_\_\_\_  
Notary Public, State of Florida

\_\_\_\_\_  
Print, Type or Stamp Commissioned Name of Notary

Personally Known \_\_\_\_\_ OR Produced Identification \_\_\_\_\_ Type of Identification \_\_\_\_\_

# ATTACHMENT – E

## AUTHORIZATION STATUS REPORT

### SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	SBE Total Amount	SBE Participation %	Approved By	Date Approved	WUD No. Assigned	Consultant's Project No.
CSA 1	General Electrical Engineering Services	Authorized	\$45,003.60	\$45,003.60	100	WUD	6-23-14	14-068	
CSA 2	Water Treatment Plant No. 8 Wellfield Cable Replacement	Authorized	\$48,383.46	\$48,383.46	100	WUD	7-8-14	14-069	
CSA 3	Water Treatment Plant No. 8 Lift Station Replacement	Authorized	\$17,761.32	\$17,761.32	100	WUD	7-8-14	14-049	
CSA 4	Water Treatment Plant No. 8 UPS Installation	Closed	\$11,045.88	\$11,045.88	100	WUD	7-8-14	14-075	
CSA 5	CROC Generator Connection to SCADA/PLC Programming	Closed	\$15,000.00	\$15,000.00	100	WUD	7-8-14	13-075	
CSA 5.1	Final CSA-5 Closeout	Closed	(\$9,562.50)	(\$9,562.50)	100	WUD	6-23-14	14-068	
CSA 6	PS 5229 Arc Flash Analysis and Condition Assessment	Closed	\$25,811.88	\$25,811.88	100	WUD	10-21-14	14-106	
CSA 7	PS's 9S, 9N, & 5 Arc Flash Analysis and Condition Assessment	Closed	\$42,153.06	\$42,153.06	100	WUD	10-21-14	14-111	
CSA 8	PS's 4100, 5241, & Mecca Arc Flash Analysis and Condition Assessment	Closed	\$75,475.32	\$75,475.32	100	CRC	10-29-14	14-112	
CSA 9	SRWRF Biogas Generators Investigation	Authorized	\$45,122.40	\$45,122.40	100	WUD	12-22-14	15-014	
CSA 10	WTP No. 2 Generator Study	Authorized	\$24,881.94	\$24,881.94	100	WUD	3-12-15	15-017	
CSA 11	CROC Arc Flash Analysis and Condition Assessment	Authorized	\$27,151.98	\$27,151.98	100	WUD	5-21-15	15-055	
CSA 12	SROC Arc Flash Analysis and Condition Assessment	Authorized	\$48,133.50	\$48,133.50	100	WUD	5-21-15	15-056	
CSA 13	Pahokee WWTP Arc Flash Analysis and Condition Assessment	Authorized	\$23,521.68	\$23,521.68	100	WUD	7-21-15	15-062	
CSA 14	Belle Glade WWTP Arc Flash Analysis and Condition Assessment	Authorized	\$45,153.30	\$45,153.30	100	WUD	7-21-15	15-063	
CSA 15	WTP No. 8 Arc Flash Analysis and Condition Assessment	Authorized	\$86,015.94	\$86,015.94	100	CRC	8-4-15	15-064	
CSA 16	SRWRF Misc. Programming	Authorized	\$48,000.00	\$48,000.00	100	WUD	8-4-15	15-065	
CSA 17	Belle Glade WWTP Misc. Programming	Authorized	\$39,000.00	\$39,000.00	100	WUD	8-4-15	15-066	
CSA 18	Pahokee WWTP Misc. Programming	Authorized	\$25,000.00	\$25,000.00	100	WUD	8-4-15	15-068	

[illegible]

**ATTACHMENT - F**

**AUTHORIZATION STATUS REPORT**

SUMMARY OF  
SBE / MINORITY BUSINESS TRACKING

	Total	SBE
<b>Current Proposal</b>		
Value of Authorization No. 25	\$179,694.96	
Value of SBE - M/WBE Letters of Intent	\$179,694.96	\$179,694.96
Actual Percentage	100%	100%
<b>Signed/Approved Authorizations</b>		
Total Value of Authorizations	\$1,210,824.65	
Total Value of SBE - M/WBE Signed Subcontracts	\$1,210,824.65	\$1,210,824.65
Actual Percentage	100%	100%
<b>Signed/Approved Authorizations Plus Current Proposal</b>		
Total Value of Authorizations	\$1,390,519.61	
Total Value of Subcontracts & Letters of Intent	\$1,390,519.61	\$1,390,519.61
Actual Percentage	100%	100%
<b>GOAL</b>	100%	100%

# **ATTACHEMENT – G** **LOCATION MAP**

