

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: February 4, 2014 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. 11 with Carollo Engineers, Inc. (R2011-0630) for Water Treatment Plant No. 2 Filter Replacement engineering services during construction in the amount of \$675,933.

Summary: On May 3, 2011, the Palm Beach County Board of County Commissioners (Board) approved the Contract for Water Plant and Water Resources Engineering Services with Carollo Engineers, Inc. (R2011-0630) to obtain engineering/professional service for utility related projects. This CSA will provide for construction services related to the Water Treatment Plant No. 2 Filter Replacement project. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The contract with Carollo Engineers, Inc. provides for SBE participation of 26% overall. This CSA includes 33.05% overall participation. The cumulative SBE participation, including this CSA is 29.67% overall. Carollo Engineers, Inc. is a Palm Beach County company. This project is included in the FY13-14 Capital Improvement plan adopted by the Board of County Commissioners. (WUD Project No. 12-066) District 2 (JM)

Background and Justification: On December 4, 2012, the Board approved CSA No. 8 for Carollo Engineers, Inc. in the amount of \$926,373 to provide engineering services for the design of the replacement filters at Water Treatment Plant No. 2. CSA No. 11 provides for engineering services during construction of the Water Treatment Plant No. 2 Filter Replacement Project.

Attachments:

- 1. Location Map
- 2. Two (2) Original Work Authorizations No. 11

Recommended By:  1/28/14
Department Director Date

Approved By:  1/30/14
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2014	2015	2016	2017	2018
Capital Expenditures	<u>\$675,933.00</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>\$675,933.00</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 W002 Object 6541

Is Item Included in Current Budget? Yes X No

Reporting Category N/A

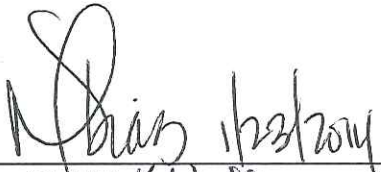
B. Recommended Sources of Funds/Summary of Fiscal Impact:

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

C. Department Fiscal Review: _____

III. REVIEW COMMENTS

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

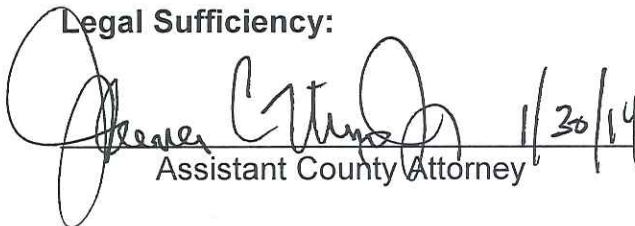


 OFMB *KN* *sp*
1/22 *TC*



 Contract Development and Control
1-29-14 B.W. Hark

B. Legal Sufficiency:



 Assistant County Attorney *1/30/14*

C. Other Department Review:

Purchasing Department Director

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

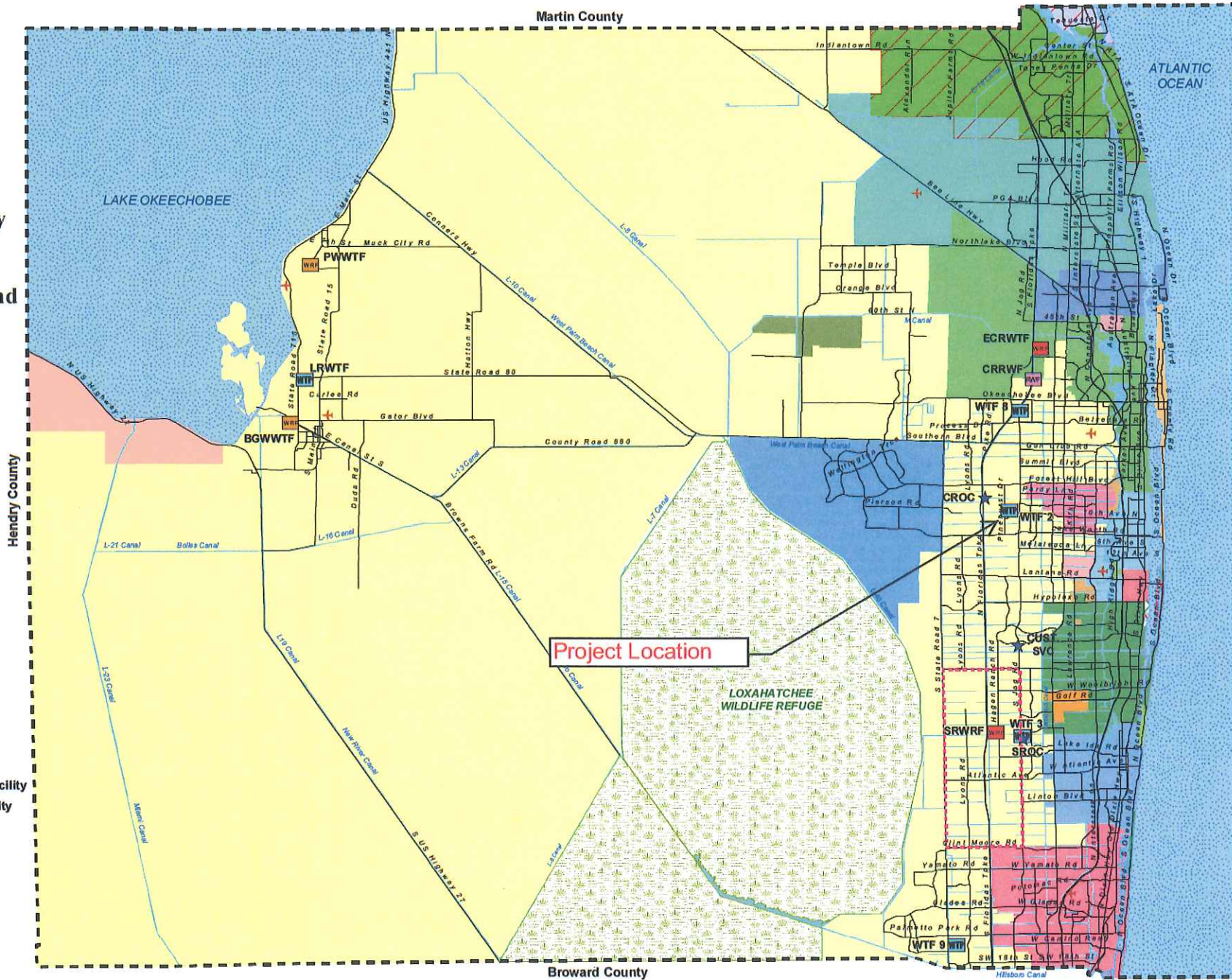


**Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities**

Attachment 1

Legend

- ★ Administration
- WTF Water Treatment Facility
- Reclamation Facility
- WWRF Wastewater Reclamation Facility
- WTF Wastewater Treatment Facility
- Mandatory Reclaimed SA
- Palm Beach County Limits
- Yellow P.B.C.W.U.D. Service Area



CONSULTANT SERVICES AUTHORIZATION NO. 11

Project No. WUD 12-066
Budget Line Item No. 4011-721-W002-6541

Project Title Water Treatment Plant NO. 2 – Filter Replacement; Engineering Services During Construction

District No.: 2

THIS AUTHORIZATION #11 to the Contract for Consulting/Professional Services dated 5/3/2011 with an effective date of 6/3/2011 (R2011-0630), 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 26% SBE participation overall. This Consultant Services Authorization includes 33.05% overall participation. The cumulative SBE participation, including this authorization is 29.67% overall. Additional authorization will be utilized to meet or exceed the stated overall participation goal.

1. CONSULTANT: Carollo Engineers, Inc.
2. ADDRESS: 9897 Lake Worth Rd., Suite 302, Lake Worth, FL 33467
3. Description of Services to be provided by the Consultant:
Provide engineering services during construction associated with the filter replacement project to construct new filters at Water Treatment Plant No. 2 and related items.

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 \$675,933
 - B. Fixed price of \$ NA
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 12-066 Consultant Services Authorization No. 11

Project Title Water Treatment Plant NO. 2 – Filter Replacement; Engineering Services During Construction

8. As described in Section 7.5 of the CONTRACT, 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 6/3/11 remain in full force and effect.

Project No. WUD 12-066 Consultant Services Authorization No. 11

Project Title Water Treatment Plant No. 2 Filter Replacement Engineering Services During Construction

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: _____
Priscilla A. Taylor, Mayor

Typed Name: _____
Deputy Clerk

_____ Date

Approved as to Form and Legal
Sufficiency

Palm Beach County,
Water Utilities Department

Signed: _____

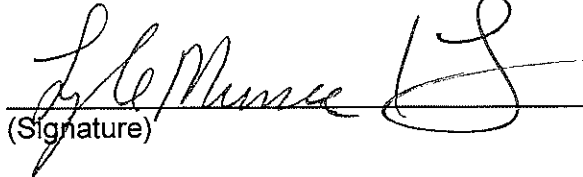
Signed: _____
Bevin A. Beaudet, Director

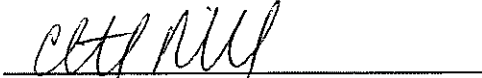
Typed Name: _____
County Attorney

ATTEST:

CONSULTANT: _____

Witness


(Signature)


Christopher Reinbold – Sr. Eng.

Lyle Munce – V.P. / Thomas Gillogly – V.P.

Carollo Engineers Inc. is a Delaware Corporation qualified to do business in the State of Florida. By corporate resolution, all shareholders, including Lyle Munce and Thomas Gillogly, are authorized to execute contracts relating to the firm's usual and customary engineering business on behalf of Carollo Engineers, Inc.

Date 1/2/14

LIST OF ATTACHMENTS

Project No. WUD 12-066 Consultant Services Authorization No. 11

Project Title Water Treatment Plant NO. 2 – Filter Replacement: Engineering Services
During Construction

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

ATTACHMENT A

CONSULTANT SERVICES AUTHORIZATION NO. 11

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT ENGINEERING/PROFESSIONAL SERVICES

SCOPE OF WORK FOR

Water Treatment Plant NO. 2 – Filter Replacement; Engineering Services During Construction

INTRODUCTION

Palm Beach County (COUNTY) entered into an agreement entitled Contract for Engineering/ Professional Services - Palm Beach County Utilities Department Project No. WUD 11-001 (CONTRACT) with Carollo Engineers, Inc. (CONSULTANT) to provide engineering services for various general activities on (Reference Document R2011 0630). This Consultant Service Authorization will be performed under that CONTRACT.

This Consultant Services Authorization encompasses providing services related to the construction of the Filter Replacement Project at Water Treatment Plant No. 2.

BACKGROUND

CONSULTANT has designed, permitted, and bid a water treatment filter addition at WTP 2. These new dual media filters with reinforced concrete construction will replace the existing train 1 and 2 steel constructed filters (the filters associated with Precipitator Nos. 1 and 2). The filter addition will include backwash and transfer pumps, a filter air scour system, a washwater recovery basin and pump station, associated electrical and instrumentation, site and drainage improvements. The existing filters, ozone contact basin, and 1 MG water storage tank will be demolished. The CONSULTANT has completed the design and with this CSA will provide support services for construction of the new filters.

SCOPE OF SERVICES

CONSULTANT shall perform the engineering Scope of Services as described herein.

CONSTRUCTION SUPPORT SERVICES

Carollo Engineers (hereinafter referenced as ENGINEER) shall perform the following construction engineering support services associated with the construction of the filters and washwater recovery system addition at PBCWUD WTP NO. 2.

The following construction engineering support services have been based upon the direction provided by PBCWUD staff. The construction administration and inspection services will be primarily provided by PBCWUD staff. ENGINEER shall assist the

PBCWUD construction administrative and inspection staff in the execution of this construction project.

Task 1 Construction Administration

Work efforts for this task include the following:

1. Construction Meetings. The ENGINEER shall attend and participate in regular construction progress meetings. Discussion topics, action items, and decisions made at these meeting will be recorded in the meeting minutes produced by PBCWUD staff. For the purposes of this scope of work it is anticipated that the there will be two meetings per month over the entire projected construction period.
2. Request for Information (RFIs) Processing. ENGINEER shall prepare written responses to questions from the Contractor regarding interpretation of the contract documents. The RFIs to be processed by the ENGINEER will be provided to the ENGINEER by PBCWUD construction staff. ENGINEER shall communicate with the CONTRACTOR through PBCWUD construction staff only. Responses will be provided to PBCWUD within 10 working days of receipt of RFI. A maximum of 125 RFIs are assumed for this task.
3. Submittal Reviews. ENGINEER shall review shop drawings, construction schedules, pay applications, material samples, laboratory tests, mill tests results, and related information and provide responses within twenty-one (21) calendar days to PBCWUD staff regarding the suitability of the proposed equipment and materials to be incorporated into the project. O & M manual reviews will be accomplished by PBCWUD staff. Items reviewed, actions taken (including allowed substitutions), and recommendations made will be maintained in a log. It is assumed that up to 125 submittals will be reviewed as part of this task. Additional reviews of a particular submittal after the second time it has been reviewed are not included in this assumed number of submittals.
4. Change Order Review/Processing. ENGINEER shall review change requests provided to ENGINEER by PBCWUD staff and make recommendations to the PBCWUD regarding the acceptance or rejection of the proposed change. For the purposes of this scope of work it is anticipated that the there will be 10 change orders (including Field Orders) requiring ENGINEER'S support.

Task 2 Specialty Inspections & Materials Testing

Primary inspection services shall be provided by PBCWUD staff. The ENGINEER shall, at critical points of the construction, provide specialty inspection services in the construction areas of geotechnical, mechanical, structural, process, electrical, and instrumentation. No specialty inspections will be provided in the areas of civil construction. Specialty inspections shall be accomplished by engineers experienced in the identified discipline fields. Electrical and I & C inspections, loop checks, and PLC programming verification services shall be performed by the ENGINEER.

CONSULTANT shall retain and pay for services of independent testing laboratory to perform routine tests of materials to confirm compliance with requirements of Contract Documents. This includes sampling and laboratory testing for items such as proctor tests on soil samples, sieve analysis, organic content of soils, and testing concrete cylinders and grout prisms for compressive strength. Construction testing

services will include conducting slump, air content, and temperature on concrete; preparing concrete cylinders and grout prisms for curing and storage; providing asphalt field testing and observations; and providing a technician to collect samples at the project site. Re-tests, as a result of a failed test, shall be paid by CONTRACTOR.

Task 3 Start-up Services

For start-up services the CONSULTANT shall provide a Project Engineer onsite to facilitate startup with manufacturer's representatives, contractor, and Owner. This includes:

- Attend startup planning and coordination meeting with Owner, Contractor, and Filter System Supplier to discuss startup plan.
- Coordinate temporary water supply piping, washwater disposal, and controls with Owner
- Provide independent review of manufacturer's startup plan
- Review manufacturer's protocol for sample collection
- Provide independent review of analytical test results, including particle size distribution, acid solubility tests, specific gravity tests, and sieve analyses.
- Review contractor's sequencing plan for completing the functional testing, disinfecting the filter system, and placing the new filter system into operation.
- Provide Engineer of Record certifications to the Palm Beach County Health Department to obtain contingent clearance to place new filter system into service. Submit Engineer of Record certifications following startup and commissioning to obtain final clearance of filter system.
- Participate during plant shutdown and observe contractor's operations to place new filter system into service.
- Participate in operational training
- Provide support during startup
- Provide programming services noted in contract documents and not designated to be the responsibility of the construction contractor.

In addition, provide Senior Process Engineer onsite for approximately 5 days to facilitate startup and testing. Senior Process Engineer will also review startup plan, provide general support during startup and performance testing.

Onsite support for electrical and instrumentation & controls to facilitate startup operations, testing, and training will be provided.

Task 4 Project Close-out Services

Project close-out services will be provided after substantial completion has been achieved. These services include the following:

- Assist with the production of a construction deficiency list ("punch list").
 - Prepare record drawings from contractor information that has been field verified by PBCWUD staff. Record drawings will be provided in electronic PDF and native format on CD, no hardcopies will be produced. Five copies of the CD will be provided.
-

- Prepare and submit Engineer of Record documentation to PBCWUD and regulatory agencies.

Services Not Included In Scope of Services

- Patent related dispute services.
 - Litigation services.
 - Permitting application fees.
 - Additional services not otherwise provided for in this Scope of Services.
-

ATTACHMENT B

BUDGET SUMMARY

Task Number	Task Description	Labor Classification and Hourly Rate							Total Labor	Sub Consultant Services
		Partner in Charge	Senior Project Manager	Project Engineer	Senior Specialist	Civil/Process Engineer	Technician	Senior Clerical		
1	Construction Administration (18 months total)									
	Monthly Meetings (2 per month @ 4 hrs/each - 2 staff)		24	144	54	66		28	316	
	Request for Information (RFIs) (80 @ 2hrs each)		20	80	20	40		50	210	
	Shop Drawings & Submittals (100 @ 4hrs/each)		20	210	80	90		50	450	
	Change Orders (10 @ 20 hrs each)		10	90	20	40	40	40	240	
2	Speciality Inspections									
	Geotechnical (provided by SBE subconsultant)		4	24				8	36	
	Civil (Majority to be performed by PBCWUD)		2	80		80		4	166	
	Structural (1 per week @ 2 hrs/each (12 months))		4	60	40			30	134	
	Mechanical (16 @ 4 hrs/each)		2	28	16	18		8	72	
	Process (1 per week @ 4 hrs/each (12 months))		4	100	44	60		30	238	
	Electrical & I&C (provided by SBE subconsultant)		4	32				8	44	
	Survey (provided by SBE subconsultant)		4	32				8	44	
3	Start-Up & Commissioning		12	80	80	80		24	276	
4	Close Out		12	80	60	60	188	24	424	
	Labor Subtotal hours	0	122	1040	414	534	228	312		
	Labor Raw costs	\$80.00	\$75.00	\$80.00	\$70.00	\$46.00	\$30.00	\$26.00		
	Labor Multiplier	3	3	3	3	3	3	3		
	Labor Subtotal	\$0	\$27,450	\$187,200	\$86,940	\$73,692	\$20,520	\$24,336		
	Labor Total								\$ 420,138	
	SBA Subconsultant Labor Total (1) Electrical and I&C									\$133,100
	SBA Subconsultant Multiplier									1.1
	SBA Subcontract Total									\$146,410
	SBA Subconsultant Labor Total (2) Programming									\$34,000
	SBA Subconsultant Multiplier									1.1
	SBA Subcontract Total									\$37,400
	SBA Subconsultant Labor Total (3) Surveying									\$21,350
	SBA Subconsultant Multiplier									1.1
	SBA Subcontract Total									\$23,485
	SBA Subconsultant Labor Total (4) Geo/Materials Testing									\$35,000
	SBA Subconsultant Multiplier									1.1
	SBA Subcontract Total									\$38,500
	Other Direct Costs								10,000	
	Project Total									\$675,933

- 1) Hillers Electrical Engineering
- 2) ADS Engineering, Inc.
- 3) Survey - Lidberg Surveying
- 4) Tierra South Florida

SBE Part. % = 33.058%

ATTACHMENT - C

PROJECT SCHEDULE

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

<u>Engineering Services</u>	<u>Completion Date</u> <u>From Notice to</u> <u>Proceed</u>
Task 1	18 Months
Task 2	18 Months
Task 3	20 Months
Task 4	22 Months

ATTACHMENT D

SCHEDULE #1

LIST OF PROPOSED SBE-M/WBE PRIME/SUBCONSULTANTS

PROJECT NAME: WTP No. 2 Filter Replacement - Engineering Services During Const. PROJECT NUMBER: WUD 12-066

NAME OF PRIME BIDDER: Carollo Engineers, Inc. ADDRESS: 9897 Lake Worth Rd, Suite 302, Lake Worth, FL 33467

CONTACT PERSON: Lyle Munce, P.E. - Vice President PHONE NO. 561-868-8400 FAX NO. 561-868-6401

BID OPENING DATE: N/A DEPARTMENT Water Utilities

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES

Name, Address and Telephone Number of Minority Consultant	(Check one or both Categories)		Dollar Amount				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
Hillers Electrical Engineering, Inc. 23257 State Rd. 7, Suite 100 Boca Raton, FL 561-451-9165	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$133,100	\$	\$	\$
ADS Engineering 4701 N Federal Hwy, 390 Pompano Beach, FL 954-415-7378	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$	\$	\$34,000	\$
Tierra South Florida, Inc 2765 Vista Parkway Suite 10 West Palm Beach, FL 561-687-8536	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$	\$	\$	Asian \$35,000.00
Lidberg Land Surveying, Inc. 675 West Idlantown Rd., Suite 200 Jupiter, FL 561-746-8454	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$	\$	\$21,350	\$
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$
PRIME CONSULTANT TO COMPLETE:	TOTAL		\$	\$133,100	\$	\$55,350.00	\$35,000.00
BID PRICE: <u>\$675,933</u>	Total Value of SBE Participation:		<u>\$223,450</u>				

- NOTE:**
1. The amount listed on this form for a Subconsultant must be supported by price or percentage included on Schedule 2 or a proposal from each Subconsultant listed in order to be counted toward goal attainment.
 2. Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount under the appropriate category.
 3. M/WBE information is being collected for tracking purposes only.

ATTACHMENT D

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONSULTANT

PROJECT NO. 12-066
Filter Replacement

PROJECT NAME: Water Treatment Plant NO. 2 -

TO: Carollo Engineers, Inc.
(Name of Prime Bidder)

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

Small Business Enterprise X Minority Business Enterprise X

Black Hispanic X Women Caucasian Other (Please Specify)

Date of Palm Beach County Certification: 10/17/2012

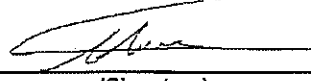
The undersigned is prepared to perform the following described work in connection with the above project
(Specify in detail, particular work items or parts thereof to be performed):

Line Item/Lot No.	Item Description	Qty / Units	Unit Price	Total Price
<u>NA</u>	<u>Electrical & I&C Services</u>	<u>NA</u>	<u> </u>	<u>\$133,100</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

at the following price
\$ One hundred and thirty three thousand and 100 dollars
(Subconsultant's Quote)

And will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.
If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subconsultant, the amount of any such subcontract must be stated: \$ 0

The undersigned subcontractor understands that the provision of this form to prime bidder does not prevent subcontractor from providing quotations to other bidders

Hillers Electrical Engineering, Inc.
By: 
(Signature)
Tom Doran, Vice President

Date: 1/3/14

ATTACHMENT D

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONSULTANT

PROJECT NO. 12-066 PROJECT NAME: Water Treatment Plant NO. 2 - Filter Replacement

TO: Carollo Engineers, Inc.
(Name of Prime Bidder)

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

Small Business Enterprise X Minority Business Enterprise _____
Black _____ Hispanic _____ Women _____ Caucasian ✓ Other (Please Specify) _____

Date of Palm Beach County Certification: November 14, 2013

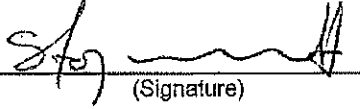
The undersigned is prepared to perform the following described work in connection with the above project
(Specify in detail, particular work items or parts thereof to be performed):

Line Item/Lot No.	Item Description	Qty / Units	Unit Price	Total Price
<u>NA</u>	<u>PLC Programming Services</u>		<u>NA</u>	<u>\$34,000</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

at the following price
\$ Thirty Four Thousand
(Subconsultant's Quote)

And will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.
If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subconsultant, the amount of any such subcontract must be stated: \$ _____.

The undersigned subcontractor understands that the provision of this form to prime bidder does not prevent subcontractor from providing quotations to other bidders

ADS Engineering, Inc.
By: 
(Signature)
Alex Stojanovic, President

Date: 01/02/14

ATTACHMENT D

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONSULTANT

PROJECT NO. 12-066 PROJECT NAME: Water Treatment Plant No. 2 – Filter Replacement

TO: Carollo Engineers, Inc.
(Name of Prime Bidder)

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

Small Business Enterprise Minority Business Enterprise

Black Hispanic Women Caucasian Other (Please Specify) (Asian)

Date of Palm Beach County Certification: February 16, 2013 to February 15, 2015

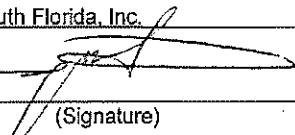
The undersigned is prepared to perform the following described work in connection with the above project
(Specify in detail, particular work items or parts thereof to be performed):

Line Item/Lot No.	Item Description	Qty / Units	Unit Price	Total Price
<u>NA</u>	<u>Geotechnical and Materials Testing Services</u>	<u>NA</u>	<u>NA</u>	<u>\$35,000</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

at the following price
\$ thirty five thousand
(Subconsultant's Quote)

And will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.
If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subconsultant, the amount of any such subcontract must be stated: \$ 0

The undersigned subcontractor understands that the provision of this form to prime bidder does not prevent subcontractor from providing quotations to other bidders

Tierra South Florida, Inc.
By: 
(Signature)

Raj Krishnasamy, P.E. / President.
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: 1/2/14

ATTACHMENT D

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONSULTANT

PROJECT NO. 12-066 PROJECT NAME: Water Treatment Plant NO. 2 – Filter Replacement

TO: Carollo Engineers, Inc.
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a(n) – (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: 12/17/2012

The undersigned is prepared to perform the following described work in connection with the above project
(Specify in detail, particular work items or parts thereof to be performed):

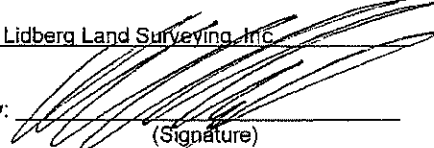
Line Item/Lot No.	Item Description	Qty / Units	Unit Price	Total Price
<u>NA</u>	<u>Survey – Construction Support Services</u>		<u>NA</u>	<u>\$21,350</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

at the following price
\$ twenty one thousand three hundred and fifty
(Subconsultant's Quote)

And will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subconsultant, the amount of any such subcontract must be stated: \$ 0

The undersigned subcontractor understands that the provision of this form to prime bidder does not prevent subcontractor from providing quotations to other bidders

Lidberg Land Surveying, Inc.
By: 
(Signature)

David C. Lidberg, President
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: 1/2/14

ATTACHMENT - E

AUTHORIZATION STATUS REPORT

SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Consultant's Project No.
1	WTP 8 High Service Pump Evaluation	Approved	\$29,280	06/10/11	11-075	8684B.00
2	Distribution System Security Enhancement Program Pilot Test of Distribution System Security Monitoring Technologies	Approved	\$98,900	06/08/11	10-072	8645A.00
3	Water Masterplan Update	Approved	\$254,708	08/16/11	11-118	8558C.00
3.1	Water Masterplan Update -- Supplement No. 1	Approved	\$15,001	03/14/12	11-118	8558C.00
4	Distribution System Blending Water Quality and Organoleptic Evaluation	Approved	\$36,029	08/29/11	11-142	8558D.00
5	WTP 3 Permeate Pipeline Replacement Engineering During Construction	Approved	\$85,270	04/27/12	11-074	8685A.20
6	WTP 2 Filter Replacement Conceptual Plan	Approved	\$96,657	06/27/12	12-066	8241B.00
6.1	WTP 2 Filter Replacement Conceptual Plan	Approved	\$0.00	12/14/12	12-066	8241B.00
7	Glades Region Water Master Plan	Approved	\$186,000	08/14/12	12-068	8558E.00
8	WTP 2 Filter Replacement Design	Approved	\$926,373	12/14/12	12-066	8241B.10
9	WTP 3 Clean-in-Place Piping Assessment and Repl.	Approved	\$33,090	12/14/12	11-074	8685B.10
10	WTP 8 Ozone Replacement Conceptual Plan	Approved	\$99,642	01/24/13	13-022	8684C.00
11	WTP 2 Filter Replacement -- Engineering Services During Construction	Pending	\$675,933	Pending	12-066	8241B.20
Total			\$2,536,883			

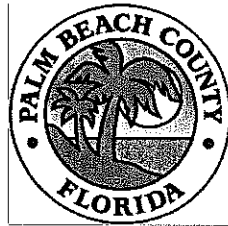
ATTACHMENT - F

AUTHORIZATION STATUS REPORT

SUMMARY OF SBE / MINORITY BUSINESS TRACKING

	Total	SBE
Current Proposal		
Value of Authorization No. 11	\$675,933	
Value of SBE - M/WBE Letters of Intent	\$223,450	\$223,450
Actual Percentage	33.05	33.05
Signed Authorizations		
Total Value of Authorizations	\$1,860,950	
Total Value of SBE - M/WBE Signed Subcontracts	\$529,251	\$529,251
Actual Percentage	28.43	28.43
Signed Authorizations Plus Current Proposal		
Total Value of Authorizations	\$2,536,883	\$2,536,883
Total Value of Subcontracts & Letters of Intent	\$752,701	\$752,701
Actual Percentage	29.67	29.67
GOAL	26%	26%

ATTACHMENT G



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

Legend

- ★ Administration
- WTF Water Treatment Facility
- RF Reclamation Facility
- WRF Wastewater Reclamation Facility
- WTRF Wastewater Treatment Facility
- Mandatory Reclaimed SA
- - - Palm Beach County Limits
- P.B.C.W.U.D. Service Area

