

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date:	July 22, 2014	Consent [X] Public Hearing []	Regular []
Department:	Water Utilities Department		

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Supplement No. 1 to Work Authorization No. 11 with Globaltech, Inc. (R2012-0159) for Southern Region Pumping Facility (SRPF) – Membrane Concentrate Bypass to increase the contract time by 190 days.

Summary: On June 18, 2013, the Palm Beach County Board of County Commissioners (BCC) approved Work Authorization No. 11 with Globaltech, Inc. (R2013-0770) for the design and construction of the Southern Region Pumping Facility (SRPF) Membrane Concentrate Bypass. This Supplement increases the contract time by 190 days. During the design phase of this design-build authorization, it was decided to change the operating protocol from what was originally envisioned. This resulted in additional time to redesign and order materials not originally anticipated, some with long lead delivery times at no additional cost. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% overall. The contract with Globaltech, Inc. provides for SBE participation of 75% overall.

The cumulative SBE participation, including this Supplement is 91.38% overall. Globaltech, Inc. is a Palm Beach County company. (WUD Project No. 13-036) District 5 (JM)

Background and Justification: On June 18, 2013, the BCC approved Work Authorization No. 11 with Globaltech, Inc. for the construction of the SRPF Membrane Concentrate Bypass. This Supplement No. 1 will authorize the Contractor additional time and no cost increase for redesign and the ordering and installing of additional materials not in the original scope of work.

Attachments:

- 1. Location Map
- 2. Two (2) Original Supplement No. 1

Recommended By:		6/18/14
	Department Director	Date
Approved By:		6/30/14
	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>0</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>0</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 <u>4011</u> Dept <u>721</u> Unit <u>W010</u> Object <u>6545</u>					

Is Item Included in Current Budget? Yes ____ No ____

Reporting Category N/A

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

No Fiscal Impact

C. Department Fiscal Review: Delura m vrest

III. REVIEW COMMENTS

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

OFMB
6/20/14

Contract Development and Control
6-24-14

B. Legal Sufficiency:

Assistant County Attorney
6/25/14

C. Other Department Review:

Department Director

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

ATTACHMENT – I Project Location Map

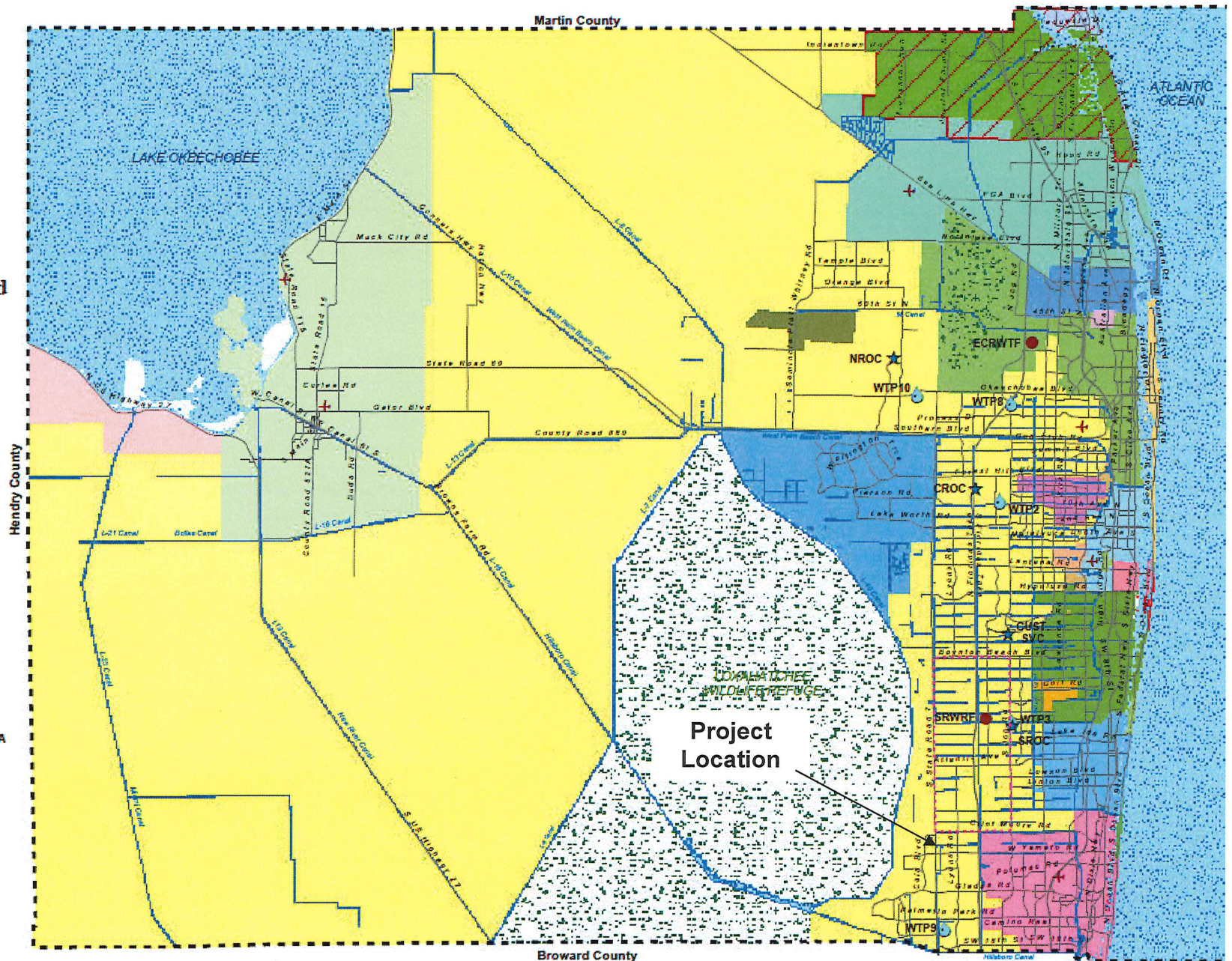


Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities

Attachment 1

Legend

- MANDATORY RECLAIMED SA
- Water Treatment Facility
- ★ Administration
- Water Reclamation Facility
- - - COUNTY LIMITS
- P.B.C.W.U.D. SA



WA-11.1 : SRPF Membrane Concentrate Bypass (WUD 13-036)

WORK AUTHORIZATION NO. 11 - SUPPLEMENT 1

Palm Beach County Water Utilities Department
Water, Wastewater & Reclaimed Water Improvements Design/Build Contract

Project No.: WUD 13-036

District: 5

Budget Line Item No.: 4011 - 721 - W010 - 6545

Project Title: Southern Region Pumping Facility – Membrane Concentrate Bypass

THIS SUPPLEMENT No. 1 to AUTHORIZATION No. 11 to the Contract for Water, Wastewater & Reclaimed Water Improvements Design/Build Services dated January 24, 2012 (R2012-0159), by and between Palm Beach County and the Contractor identified herein, is for the Design/Build Services of this Work Authorization. The Contract provides for 75% SBE participation overall. This Supplement No. 1 to Work Authorization 11 includes 0.00% overall participation. The cumulative proposed SBE participation, including this authorization is 91.38% overall. Additional authorizations will be utilized to meet or exceed the stated overall participation goal.

1. Contractor: Globaltech, Inc.
2. Address: 6001 Broken Sound Parkway NW, Suite 610, Boca Raton, FL 33487
3. Description of Services (Scope of Work) to be provided by the Contractor:

See **ATTACHMENT - A.**

4. Services completed by the Contractor to date:

See **ATTACHMENT - G.**

5. Contractor is requesting that the contract schedule be extended by 190 days. Work shall continue and be completed within the following calendar days from the approval date of the original Work Authorization and the Notice to Proceed dated July 22, 2013:

Substantial Completion 400 Calendar Days (August 26, 2014)

Final Construction Completion 430 Calendar Days (September 25, 2014)

Liquidated damages will apply as follows:

\$ 1,000 per day past substantial completion date.

\$ 5000 per day past final completion date.

(For Liquidated Damages Rates see **ATTACHMENT - B**)

6. The compensation to be paid to the Contractor for providing the requested services in accordance with the Guaranteed Maximum Price shall not be increased from the original fee. No additional funding is requested.
7. EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED, all other terms, conditions and obligations of the Contract dated January 24, 2012 remain in full force and effect.

Project No.: WUD 13-036

Project Title: Southern Region Pumping Facility (SRPF) – Membrane Concentrate Bypass

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

Signed: _____

Typed Name: _____
County Attorney

CONTRACTOR: Globaltech, Inc.

ATTEST:

Richard D. Olson
Witness

Bernard P. Gandy
(Signature)

Richard D. Olson, P.E. / Proposal Manager
(Name and Title)

Bernard P. Gandy, P.E. / President & CFO
(Name and Title)

(CORPORATE SEAL)

MAY 16, 2014
Date

Palm Beach County
Contract Review Committee

LIST OF ATTACHMENTS

WORK AUTHORIZATION NO. 11 – Supplement 1

**Palm Beach County Water Utilities Department
Water, Wastewater & Reclaimed Water Improvements Design/Build Contract**

ATTACHMENT - A	Scope of Work & Compensation
ATTACHMENT - B	Rate for Liquidated Damages
ATTACHMENT - C	Public Construction Bond – Not Applicable
ATTACHMENT - D	Form of Guarantee – Not Applicable
ATTACHMENT - E	Work Authorization Schedule of Bid Items – Not Applicable
ATTACHMENT - F	SBE Schedule 1 & Schedule 2
ATTACHMENT - G	Authorization Status Report - Summary & Status of Authorizations
ATTACHMENT - H	Authorization Status Report - Summary of SBE/Minority Business Tracking
ATTACHMENT - I	Location Map
ATTACHMENT - J	Design-Build Criteria Report – Not Applicable
ATTACHMENT - K	Vendor Quotes – Not Applicable

ATTACHMENT - A

WORK AUTHORIZATION NO. 11.1

**Palm Beach County Water Utilities Department
Water, Wastewater & Reclaimed Water Improvements Design/Build Contract**

SCOPE OF WORK & COMPENSATION

FOR

**South Region Pumping Facility
Membrane Concentrate Bypass – Supplement 1**

INTRODUCTION

Palm Beach County (County) entered into an agreement entitled Water, Wastewater & Reclaimed Water Improvements Design/Build Contract - Palm Beach County Water Utilities Department Project No. WUD 11-134 (CONTRACT) with Globaltech, Inc. (CONTRACTOR) to provide design-build services for various general activities on the Contract for Water, Wastewater & Reclaimed Water Improvements Design/Build Services, dated January 24, 2012 (Design/Build Contract R2012-0159). This Work Authorization will be performed under that CONTRACT.

Work Authorization 11 was authorized to design, permit and construct bypass piping and a backflow prevention system at the Southern Region Pumping Facility (SRPF). The improvements were originally intended to divert all membrane concentrate originating from PBC WTP 9 to the South County Water Reclamation Facility (SRWRF). The bypass system was to be motorized for remote control operation. The modifications were intended to increase available flow to the SRWRF to support reclaimed water demands. This Supplement No. 1 to Work Authorization 11 requests a 190 day extension to the project completion schedule. Additional funding is not requested.

SCOPE OF SERVICES

Construction Services

The original Work Authorization assumed that the concentrate would either flow to the pump station or the Deep Injection Well (DIW). After the preliminary design was completed, it was decided to change the operating protocol so that the concentrate could be accurately fed to both the pump station and the DIW at the same time at any desired flow ratio. This change required additional hydraulic calculations that resulted in changes in the piping and controls. In addition, these changes also required that the piping and valves at the DIW wellhead be replaced. Some of the new equipment for the modified wellhead had a significant manufacturing lead time. The changes also delayed submission of the design to the Building Department. The changes were financially accommodated through a combination of work tradeoffs and owner supplied materials,

however, the project schedule was delayed by 190 days. This supplement requests only to modify the project completion schedule.

ASSUMPTIONS

1. The project will be designed in accordance with the Palm Beach County Water Utilities Department Manual of Minimum Engineering Standards.
2. No modifications to the original contract assumptions are included in this Supplement.

COMPENSATION

No additional compensation is requested in this Supplement. The Compensation shall not exceed the original Guaranteed Maximum Price of \$406,149.75 in accordance with the unit prices established in the Contract for construction services dated January 24, 2012 as approved by the Board of County Commissioners.

SBE PARTICIPATION

As described in the Contract (R2012-0159), SBE/M-WBE participation is included in **ATTACHMENT - F** under this Authorization. The attached Schedule 1 defines the SBE applied to this Authorization/Contract and Schedule 2 establishes the SBE contribution from each subcontractor (Letter of Intent to perform as an SBE).

ATTACHMENT - B

WORK AUTHORIZATION NO. 11.1

**Palm Beach County Water Utilities Department
Water, Wastewater & Reclaimed Water Improvements Design/Build Contract**

Rates for Liquidated Damages

Palm Beach County Water Utilities Department shall establish liquidated damages rates for each Work Authorization based on the dollar amount and time sensitivity of the project. The rates shall be as follows according to a criticality rating of 1 through 3 assigned to each Work Authorization by the Department as established below:

Moderately Important Project (Criticality 2): Liquidated Damages
\$1,000 per day after Substantial Completion Date
\$500 per day after Final Completion Date

ATTACHMENT - C

N/A

ATTACHMENT - D

N/A

ATTACHMENT - E

WORK AUTHORIZATION COST SCHEDULE

NO ADDITIONAL FUNDING IS REQUESTED

N/A

ATTACHMENT - F

SBE SCHEDULE 1 & 2

ATTACHMENT - F

SCHEDULE 1

LIST OF PROPOSED SBE-M/WBE PRIME/SUBCONTRACTORS

PROJECT NAME: SRPF Membrane Concentrate Bypass - Supplement 1

PROJECT No: WUD 13-036

NAME OF PRIME BIDDER Globaltech, Inc.

ADDRESS: 6001 Broken Sound Parkway NW, Suite 610

CONTACT PERSON: Bernard P. Gandy, President

PHONE NO.: 561-997-6433

FAX NO.: 561-997-5811

BID OPENING DATE: N/A

DEPARTMENT: N/A

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES

Name, Address and Telephone Number of Minority Contractor	(Check one or both Categories)		Dollar Amount					
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)	
Globaltech, Inc., (561) 997-6433 6001 Broken Sound Parkway NW, Suite 610, Boca Raton, FL 33487	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PRIME CONTRACTOR TO COMPLETE:	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BID PRICE: \$ -	Total Value of SBE Participation:		\$ -					

- NOTE:
1. The amount listed on this form for a Subcontractor must be supported by price or percentage included on Schedule 2 or a proposal from each Subcontractor 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 - F

SCHEDULE 2

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

PROJECT NO. 13-036 PROJECT NAME: SRPF Membrane Concentrate Bypass – Supplement 1
TO: Globaltech, 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: September 4, 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
1	General Conditions	1	LS	\$0.00

at the following price:

\$0.00 (Zero dollars and no cents).

(Subcontractor'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 subcontractor, the amount of any such subcontract must be stated:
\$ N/A

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

Globaltech, Inc.

(Print Name of SBE-M/WBE Subcontractor)

By: 

(Signature)

Bernard P. Gandy / President & CFO

(Print name/title of person executing on behalf of SBE-M/WBE Subcontractor)

Date: May 16, 2014

ATTACHMENT - G

AUTHORIZATION STATUS REPORT
May 16, 2014

SUMMARY AND STATUS OF AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
	CONSULTANT SERVICE AUTHORIZATIONS					
CSA-1	WTP 8 Filter Media Replacement and Re-Rating	Approved	\$31,399.22	3/8/12	12-002	120291
CSA-2	Pump Station 5241 Improvements	Approved	\$11,451.79	6/14/12	12-061	120302
CSA-3	WTP 2 Wellfield Backup Power Improvements	Approved	\$49,975.00	7/9/12	12-005	120321
CSA-4	WTP 3 and SROC Security Upgrades	Approved	\$24,786.20	8/22/12	10-028	120334
CSA-5	WTP 9 Permeate Flushing System Modifications	Cancelled	\$0.00	-	-	120330
CSA-6	WTP 3 Membrane Cleaning System Modification	Approved	\$32,528.22	9/28/12	12-004	120331
CSA-6.1	WTP 3 Membrane Cleaning System Modification - Supplement 1 / Project Cancelation	Approved	-\$32,528.22	5/20/13	12-004	120331
CSA-7	SRPF Membrane Concentrate Bypass and PS 9S RPZ Installation	Cancelled	\$0.00	-	12-021	120340
CSA-8	LRWTP PW-5 Pump Conversion	Pending				120347
CSA-9	SROC DIW Blending System	Cancelled	\$0.00	-	-	120348
	Total CSAs		\$117,612.21			

ATTACHMENT - G

AUTHORIZATION STATUS REPORT May 16, 2014

SUMMARY AND STATUS OF AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
	WORK AUTHORIZATIONS					
WA-1	SW Boca Diversion PS Sound Attenuation	Approved	\$16,814.95	7/5/12	12-067	120303
WA-2	WTP 8 Filters 4, 5 & 6 Media Replacement	Approved	\$592,611.00	8/14/12	12-002	120309
WA-3	South Bay Repump Station Improvements	Approved	\$290,022.00	9/11/12	12-030	120313
WA-3.1	South Bay Repump - BB Court Electrical	Approved	\$22,486.92	12/12/12	12-030	120313
WA-3.2	South Bay Repump - Isolation Valve	Approved	\$3,428.48	4/4/13	12-030	120313
WA-4	LRWTP MFP No. 3 VFD Replacement	Approved	\$149,985.36	8/29/12	12-074	120332
WA-5	Online Water Quality Monitoring System	Approved	\$399,844.00	9/11/12	10-072	120328
WA-5.1	Online Water Quality Monitoring System - Sup. 1	Approved	\$73,165.54	6/5/13	10-072	120328
WA-6	Pump Station 5241 Improvements	Approved	\$277,780.62	12/4/12	12-061	120336
WA-7	LRWTP PW-5 Pump Conversion	Pending			13-015	120338
WA-8	WTP 3 and SROC Security Upgrades	Approved	\$63,603.58	11/14/12	13-011	120341
WA-9	LRWTP Well 1 Generator Pad	Pending			13-016	120345
WA-10	WTP 2 Wellfield Backup Power Improvements	Approved	\$716,189.09	3/12/13	12-005	120343
WA-10.1	WTP 2 - Power Improvements - Time Extension	Pending			12-005	120343
WA-11	SRPF Membrane Concentrate Bypass	Approved	\$406,149.75	6/18/13	13-036	120357
WA-11.1	SRPF Membrane Concentrate Bypass - Sup. 1	Pending	\$0.00		13-036	120357
WA-12	WTP 3 Chemical Improvements	Approved	\$833,148.51	5/06/13	12-003	
WA-13	LRWTP Well Pump Repositioning	Approved	\$30,496.69	2/21/13	11-112	120358
WA-14	WTP 3 Membrane Concentrate RPZ	Approved	\$199,192.48	3/13/13	13-017	130362
WA-15	WTP 9 Membrane Concentrate RPZ's	Approved	\$198,407.37	3/13/13	13-018	130364
WA-16	SW Boca Diversion Intake Modifications	Approved	\$30,378.48	8/12/13	13-083	130370
WA-17	WTP 9 Permeate Flush System	Pending				130378
WA-18	WTP 8 - Filter Gallery Valve Replacement	Approved	\$178,536.90	9/11/13	12-002	130385
WA-19	WRWWTF - Effluent Strainer & Screen Bypass	Approved	\$182,163.55	11/06/13	13-093	130389
WA-20	WTP 11 - Membrane Replacement for Train 3	Approved	\$111,015.20	3/05/14	14-039	
WA-21	WTP 8 - Hypo. Bldg. Generator Connection	Approved	\$53,591.07	3/13/14	14-023	
WA-22	WTP 8 - Generator Removal	Pending				
WA-23	SRWRF Digester Gas Improvements	Pending			14-051	
WA-24	WTP 8 - Filters 1 - 3 Valve Replacement	Pending				
	Total WAs		\$4,829,011.54			
	Total CSAs + WAs		\$4,946,623.75			

ATTACHMENT - H

AUTHORIZATION STATUS REPORT
WATER, WASTEWATER, AND RECLAIMED WATER IMPROVEMENTS DESIGN-BUILD
SERVICES CONTRACT

SUMMARY of SBE/MWBE TRACKING

WUD 13-036: SRPF Membrane Concentrate Bypass - Supplement 1

Total	
Current Proposal	
Value of Consultant Service Authorization	\$0.00
Value of Work Authorization	\$0.00
Value of CSA and WA	\$0.00
Value of SBE Minority Letter of Intent	\$0.00
Actual Percentages	0.00%
Signed / Approved Authorizations	
Total Value of Approved Consultant Service Authorization	\$117,612.21
Total Value of Approved Work Authorization	\$4,829,011.54
Total Value of CSAs and WAs	\$4,946,623.75
Total Value of SBE Signed Subcontracts	\$4,520,300.75
Actual Percentages	91.38%
Signed Authorizations Plus Current Proposal	
Total Value of Approved CSAs Plus Current CSA Proposal	\$117,612.21
Total Value of Approved WAs Plus Current WA Proposal	\$4,829,011.54
Total Value of Approved and Proposed CSAs and WAs	\$4,946,623.75
Total Value of SBE Subcontracts and Letters of Intent	\$4,520,300.75
Actual Percentages	91.38%
GOAL	75%

ATTACHMENT – I
Project Location Map



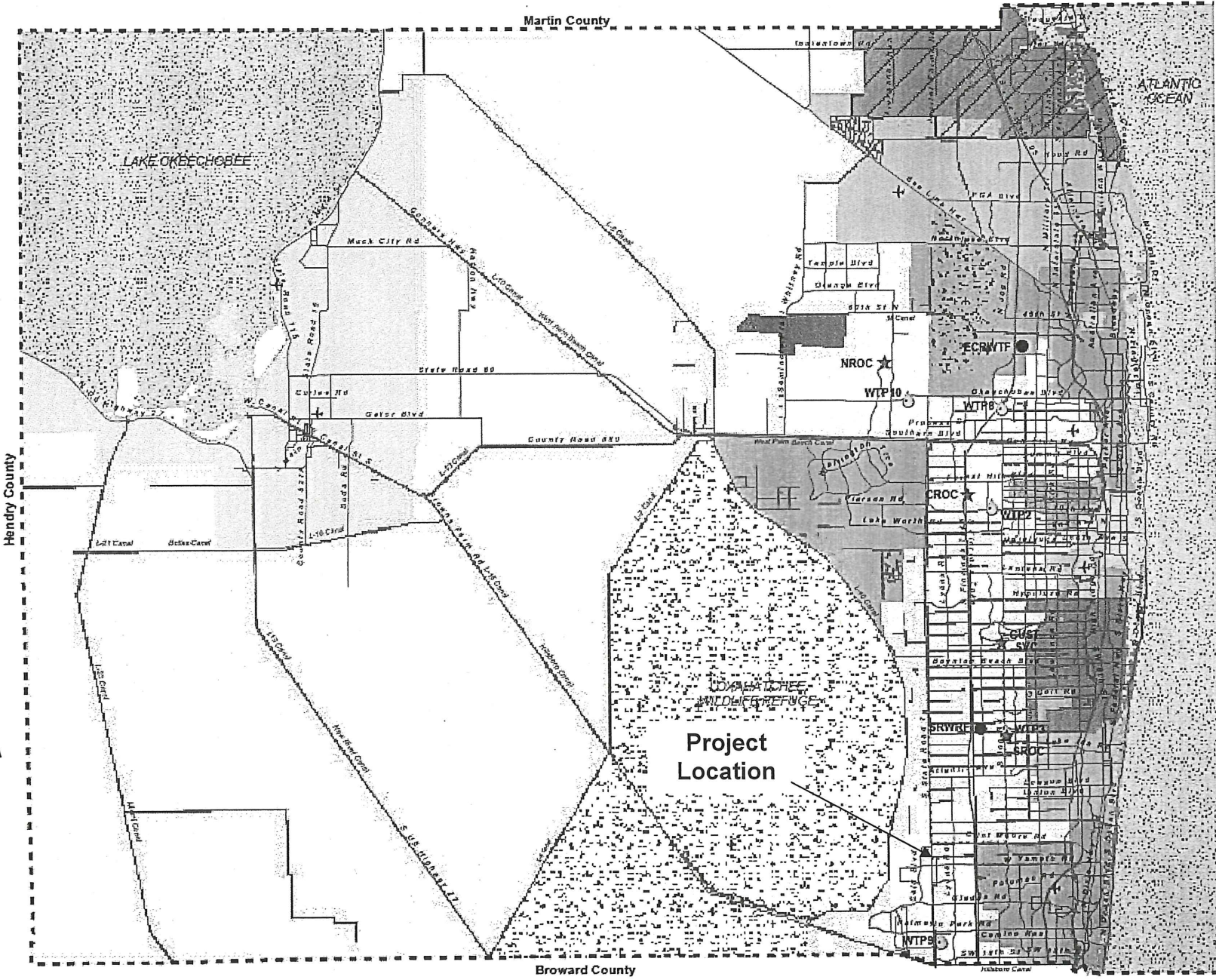
Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities

Legend

- MANDATORY RECLAIMED SA
- Water Treatment Facility
- ★ Administration
- Water Reclamation Facility
- - - COUNTY LIMITS
- P.B.C.W.U.D. SA



NOT TO SCALE



WA-11.1 : SRPF Membrane Concentrate Bypass (WUD 13-036)

ATTACHMENT - J

Design-Build Criteria Report

NA

ATTACHMENT - K

Vendor Quotes

NA
