

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM SUMMARY

=====  
Meeting Date: June 16, 2009 Consent [X] Regular [ ]  
Public Hearing [ ]

Submitted By: Water Utilities Department  
Submitted For: Water Utilities Department  
=====

I. EXECUTIVE BRIEF

**Motion and Title:** Staff recommends motion to approve: Work Authorization No. 10 to the Optimization and Improvements Design/Build Services with Globaltech, Inc. (R2008-2323) for Water Treatment Plant (WTP) No. 10 Membrane Improvement Construction in the amount of \$278,654.

**Summary:** On December 16, 2008, the Board approved the Water Utilities Department Optimization and Improvements Design/Build Services Contract with Globaltech, Inc. for treatment plant and regional pump station projects. This Work Authorization is a guaranteed maximum price for improvements at WTP 10 which will increase the automation and ability to utilize the membrane treatment without using the lime softening portion of the plant. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The contract with Globaltech, Inc. provides for SBE participation of 75.00% overall. This authorization includes 83.99% overall participation. The cumulative SBE participation, including this work authorization, is 69.87% overall. (WUD Project No. 08-074) District 5 and 6 (JM)

**Background and Justification:** On December 16, 2008, the Board approved the Water Utilities Department Optimization and Improvements Design/Build Services with Globaltech, Inc. (R2008-2323). This Work Authorization is a guaranteed maximum price for improvements to WTP 10 in the Village of Royal Palm Beach. The membrane water treatment plant will be connected to the existing plant emergency generator. A by-pass and blend line will be constructed at WTP 10 to re-mineralize the membrane treated water. A cartridge filter will be relocated from WTP 9 to WTP 10 and a new larger cartridge filter assembly will be installed at WTP 9.

**Attachments:**

- 1. Location Map
- 2. Two (2) Original Work Authorization No. 10

Recommended By:  6/11/09  
Department Director Date

Approved By:  6/15/09  
Assistant County Administrator Date

**II. FISCAL IMPACT ANALYSIS**

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

Fiscal Years	2009	2010	2011	2012	2013
Capital Expenditures	<u>\$278,654.00</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>
<b>NET FISCAL IMPACT</b>	<b><u>\$278,654.00</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.: Fund 4011 Agency 721 Org. W006 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 time capital expenditure to be funded from user fees and balances brought forward.

C. Department Fiscal Review: *[Signature]*

**III. REVIEW COMMENTS**

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

*[Signature]*  
 6/14/09 OFMB *[initials]* 6/13/09

*[Signature]* 6/12/09  
 Contracts Development and Control  
*[Signature]*

B. Legal Sufficiency:  
*[Signature]* 6/15/09  
 Assistant County Attorney

This item complies with current County policies.

*WVO is in the process of obtaining the required Bonds.*

C. Other Department Review:  
 \_\_\_\_\_  
 Department Director



WORK AUTHORIZATION NO. 10

Project No. WUD 08-074

Budget Line Item No. 4011-721-W006-6541

Project Title: WTP No. 10 Membrane Improvements Construction

District No.: 5 & 6

**THIS AUTHORIZATION No. 10**, to the Contract for Optimization and Improvements Design-Build Services dated December 16, 2008 with an effective date of December 16, 2008 (Optimization and Improvements Design-Build Contract R2008-2323), by and between Palm Beach County and the Design-Build Entity identified herein, is for the Construction Services described in Item 3 of this Authorization. The Contract provides for 75% SBE participation overall. This Consultant Services Authorization includes 83.99% overall participation. The cumulative SBE participation, including this authorization is 69.87% overall.

1. DESIGN-BUILD ENTITY: **Globaltech, Inc.**
2. ADDRESS: **1075 Broken Sound Pkwy NW, Suite 103, Boca Raton, FL 33487**
3. Description of Services to be provided by the Design-Build Entity:

This project involves upgrades to the existing membrane plant at WTP 10. It includes the installation of a new raw water bypass/blend pipeline and cartridge filter from WTP 9, wellfield pipeline interconnect tie-in, and various switchgear modifications. The existing raw water bypass/blend cartridge filter from WTP 9 shall be removed from WTP 9 and relocated and reinstalled at WTP 10. A new larger cartridge filter shall be furnished and install at WTP 9 under this project.

See EXHIBIT "A".

4. Services completed by the Design-Build Entity to date:  
See EXHIBIT "B" and "C".
5. Design-Build Entity shall begin work promptly on the requested services.
6. The compensation to be paid to the Design-Build Entity for providing the requested services shall be:
  - A. Computation of time charges plus expenses, not to exceed \$ N/A
  - B. Fixed price of \$278,654.00

7. This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Design-Build Entity, the Design-Build Entity shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.
8. EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED, all other terms, conditions and obligations of the Contract dated 12/16/08 with an effective date of 12/16/08 remain in full force and effect.

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida, has made and executed this Contract on behalf of the said County and caused the seal of the said County to be affixed hereto, and the Design-Build Entity has hereunto set his hand and seal the day and year written. The Design-Build Entity represents that it is authorized to execute this contract on behalf of itself and its Surety.

ATTEST:

SHARON R. BOCK  
CLERK AND COMPTROLLER

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


By: \_\_\_\_\_  
John F. Koons, Chairman

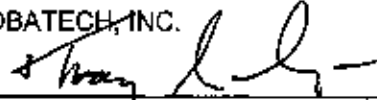
APPROVED AS TO FORM AND LEGAL  
SUFFICIENCY

APPROVED AS TO TERMS AND  
CONDITIONS

\_\_\_\_\_  
Assistant County Attorney

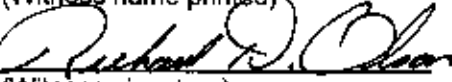
  
\_\_\_\_\_  
Bevin A. Beaudet, Director  
Water Utilities Department

  
\_\_\_\_\_  
(Witness signature)

GLOBATECH, INC.  
By:   
\_\_\_\_\_  
Title: Vice President  
Florida  
\_\_\_\_\_  
(Insert state of corporation)

David Schuman  
\_\_\_\_\_  
(Witness name printed)

\_\_\_\_\_  
(Date of execution)

  
\_\_\_\_\_  
(Witness signature)

1075 Broken Sound Pkwy NW, Suite 103  
(Design-Build Entity's Official Address)

Richard D. Olson  
\_\_\_\_\_  
(Witness name printed)

Boca Raton, FL 33487  
\_\_\_\_\_  
(Design-Build Entity's City, State, Zip Code)

(Corporate Seal)

## EXHIBIT A

### WORK AUTHORIZATION NO. 10

#### PALM BEACH COUNTY WATER UTILITIES DEPARTMENT DESIGN-BUILD SERVICES

#### SCOPE OF WORK FOR WTP NO. 10 MEMBRANE IMPROVEMENTS - CONSTRUCTION

#### INTRODUCTION

Palm Beach County (COUNTY) entered into an agreement entitled Contract for Optimization and Improvements Design-Build Services - Palm Beach County Utilities Department Project No. WUD 08-078 (CONTRACT) with Globaltech, Inc. (DESIGN-BUILD ENTITY) to provide design-build services for various general activities on (Reference Document R2008-2323). This Work Authorization will be performed under that CONTRACT.

#### SCOPE OF SERVICES

This project involves upgrades to the existing membrane plant at WTP 10. The project shall include the following:

- Removal and replacement of the existing raw water bypass/blend cartridge filter at WTP 9 with a new larger cartridge filter
- Installation of a new raw water bypass/blend line at WTP 10. The cartridge filter removed from WTP 9 shall be relocated and reinstalled at WTP 10.
- Removal of the existing raw water pressure sustaining valve and flow control valve at WTP 10 and installation of a butterfly valve and associated piping to provide a manual isolation between the wells serving the lime softening plant and the membrane softening plant.
- Modification of existing switchgear at WTP 10 to allow the membrane plant to be on the existing diesel generator if necessary.

Scope of Services includes obtaining building permits, construction of improvements, and startup.

#### Description of Services

##### Task 1 – Administrative

1. Prepare detailed construction schedule to include as a minimum; permitting services, site mobilization, detailed construction activities, scheduled shut downs and duration, equipment/material delivery times, testing, and startup and commissioning.
2. Prepare submittals (or confirmation of compliance with PBCWUD design standards), administer and track submittal process.

3. Schedule meetings, inspections, and testing with County staff.
4. Prepare record drawings and O&M manuals at close of project.
5. Assist County in acquiring appropriate building and environmental permits. All County permit fees to be paid by County. Royal Palm Beach building department fees to be paid by Globaltech.

#### Task 2 – Construction Services

1. Establish staging areas with County staff and plant superintendent at site; mobilize to facilities
2. Furnish and install new 4 mgd cartridge filter housing at WTP 9 to replace existing 1 mgd raw water bypass/blend cartridge filter housing. County to provide cartridge elements new 4 mgd cartridge filter housing.
3. Relocate and install 1 mgd raw water bypass/blend cartridge filter from WTP 9 to WTP 10. County to provide cartridge elements for relocated 1 mgd cartridge filter housing.
4. Furnish and install new raw water bypass/blend pipeline and install relocated cartridge filter housing. New raw water bypass/blend shall also include 3-inch magnetic flow meter and 3-inch flow control valve. A differential pressure transmitter shall also be furnished and installed with the relocated cartridge filter. The installation shall also include the following electrical components.
  - 1 analog cable (AI) and necessary conduit from PLC cabinet to DP transmitter adjacent to cartridge filter.
  - 2 analog cables (1-AO & 1-AI) from PLC cabinet to new 3-inch flow control valve.
  - 3-phase power to the new flow control valve from the existing electric room.
  - 1 analog cable (AI) from PLC cabinet to the new 3-inch magnetic flow meter
  - Provide 120-volt feed to magnetic flow meter from local lighting panel LP-1E.
5. Furnish and install an above ground manual 12-inch butterfly valve and 12-inch pipe to tie-in the membrane wells and the lime softening wells. The existing above ground pressure sustaining valve and flow control valve and associated pipe shall be removed as indicated in the Predesign Technical Memorandum.
6. Electrically modify the Square D Power Zone III switchgear "MDP" as follows.
  - Relocate breaker BR-2 to section 3 compartments 3 from section 1 compartment 3.
  - Modify section 1 bus to isolate it from sections 2 & 3.
  - Change Main breaker trip plug to 1200amp.



- Provide a 1200-amp feeder (4-3" with 4-500KCM each) to the load-side of the ATS from sections 3c breaker BR-2 of switchgear "MDP".
  - Provide additional lug pads in the switchgear and in the ATS as required.
7. Patch, repair, and coat affected work areas to match existing (or previous) conditions where affected by work in this WA.
  8. Cleanup work area and demobilize from site

### Task 3 – Commissioning Services

1. Schedule vendor startup services with Plant and County staff; assist vendor as required
2. Schedule startup and programming services with County staff, HEE.
3. SCADA coordination with County Staff (Staff will perform IFix screen modifications and additions)

### ASSUMPTIONS

1. The proposed contract completion time is exclusive of permit acquisition time
2. County will make available all existing record drawings, submittals, equipment cut sheets, and programming/SCADA interface information as may be required to coordinate and complete this scope of services
3. County and County's Consultant will review all submittals and provide comments within one calendar week and notify Globaltech of status
4. Liquidated Damages will not be assessed for this Work Authorization.
5. At least three (3) shutdowns will be needed to accomplish this work.
  - a. One shutdown will be required to tie-in the raw water line bypass and the well interconnecting piping.
  - b. One shutdown approximately 2 to 3 hours long will be needed to get necessary measurements for bus modifications to MDP for the switchgear modifications.
  - c. One shutdown approximately 8 to 10 hours long will require a complete shutdown of MDP to make bus modification, relocation of breaker BR-2 (MDP2), lug pad installation at MDP and ATS and termination of 1200 feeders in ATS and MDP. This shutdown could be completed in 8 to 10 hours.

### COMPENSATION

Compensation for Work Authorization No. 10 will not exceed the Lump Sum Amount (inclusive of allowances) of \$278,654.00. Attachment A provides the cost breakdown and fee.

## **SCHEDULE**

The milestone completion schedule is provided in Attachment B. A detailed construction activity schedule will be provided under Task 1.1 of this WA.

## **M/WBE PARTICIPATION**

As prescribed under Section 7.5 of the CONTRACT, M/WBE participation is included in Attachment C under this Authorization. The attached Schedule 1 defines the M/WBE participation.

**ATTACHMENT – A**

**Budget Summary**

**ATTACHMENT – B**

**Project Schedule**

**ATTACHMENT – C**

**SBE Schedules 1&2**

**ATTACHMENT – D**

**Location Map**

**ATTACHMENT - A**  
*WA #10 - WTP 10 Membrane Improvements - Engineering*  
**Budget Summary**

Task	Task Description	Labor Classification and Hourly Rate				Total Labor	*Sub-Consultant Services	Sub-Consultant
		E5	E3	Office				
		\$45.00	\$30.00	\$20.00				
1	General PM	20	24	8	\$ 1,780.00			
2	Startup Services	16	20	2	\$ 1,360.00			
	Subtotal Task 1	36	44	10	\$ 3,140.00	\$ -		
	Labor Subtotal Hours	36	44	10		\$ -		
	Labor Raw Costs	\$1,620.00	\$1,320.00	\$200.00	\$3,140.00			
	Labor Multiplier	3.00	3.00	3.00				
	Labor SubTotal	\$4,680.00	\$3,960.00	\$600.00	\$9,420.00			
	Labor Total				\$9,420.00			
	Reimbursable Expenses				\$ 500.00			
	Engineering Total				\$9,920.00			
	Project Total	See Following Page						

**ATTACHMENT - A**  
**WA #10 - WTP 10 Membrane Improvements - Construction**  
**Budget Summary (Project Total)**

CSI Division	Task Description	Labor Classification and Hourly Rate						Total Labor	Materials	Sub-Contractor Services	Sub-Contractor
		PRO8	PRO6	PRO4	NEO4	NEO2	OFFICE				
		\$68.00	\$40.00	\$36.00	\$24.00	\$18.00	\$20.00				
1a	Temporary Facilities										
	Trailer/Container Rental			2			1	\$80.00		\$2,800.00	
	Sanitary			1			1	\$55.00		\$55.00	
	Jobbox Supplies/Misc						1	\$58.00	\$58.00	\$58.00	
	Waste Hauling						2	\$20.00		\$395.00	
	Electrical Hookup						1	\$0.00		\$800.00	
	Subtotal Div 1a	0	0	3	0	2	4	\$229.00	\$58.00	\$4,312.00	
1b	General Conditions										
	Submittals			14			2	\$570.00	\$200.00		
	Permits & Permit Fees			14			2	\$570.00		\$2,000.00	
	Meetings	38	8				2	\$630.00		\$2,000.00	
	Construction PM	40	40					\$1,200.00			
	Start-Up Crew/Punch Out	10	40		44	00	12	\$4,240.00			
	Scheduling		10					\$4,338.00	\$650.00		
	Subtotal Div 1b	68	88	28	44	00	16	\$11,852.00	\$850.00	\$2,900.00	
2	Sitework/Grading										
	POV Demolition				20	20		\$840.00		\$550.00	
	Leaching Surveys							\$0.00		\$1,100.00	
	Sod						12	\$216.00	\$108.50		
	Subtotal Div 2	0	0	0	20	32	0	\$1,056.00	\$108.50	\$1,650.00	
3	Building Modification										
	CF Slab						40	\$720.00	\$251.45		
	Form Work		8		22	26		\$1,318.00	\$234.30		
	Misc. Opening Repair						12	\$216.00	\$175.78		
	Subtotal Div 3	0	8	0	22	76	0	\$2,254.00	\$461.53	\$0.00	
5	Miscellaneous Materials/Supplies										
	Unistrut Channel, Nuts, Bolts & Straps							\$0.00	\$1,821.22		
	Misc. Supports (pipe, panel, etc)							\$0.00	\$3,216.30		
	Unistrut Installation		10		30	34		\$1,752.00		\$1,203.45	
	Misc Tools & Fasteners							\$0.00	\$4,240.97	\$0.00	
	Subtotal Div 5	0	10	0	30	34	0	\$1,752.00	\$4,240.97	\$0.00	
9	Pipes										
	Pipe Paint				8	16		\$432.00	\$164.01		
	Pipe Labels						8	\$284.00	\$234.30		
	Subtotal Div 9	0	0	4	8	24	0	\$716.00	\$398.31	\$0.00	
11	Equipment										
	Cartridge Filter for WTP 9		14	4	24	24		\$1,708.00	\$63,500.00		
	Relocating Cartridge Filter WTP 9 to WTP 10		8	0	35	40		\$2,160.00	\$1,500.00		
	Subtotal Div 11	0	22	4	59	64	0	\$3,868.00	\$65,000.00	\$0.00	
13	ILD										
	DP Transmitter		4		8	10		\$484.00	\$2,343.00		
	ABB Flow Meter		4		8	10		\$404.00	\$3,763.85		
	Subtotal Div 13	0	8	0	16	20	0	\$888.00	\$6,106.85	\$0.00	
15	Mechanical										
	Stainless Steel Pipe, Tube & Fittings		10	6	46	10		\$1,894.00	\$2,989.78		
	Sch 80 PVC Pipe & Fittings		14		50	40		\$2,720.00	\$93,871.41		
	DDP Pipe & Fittings				40	30		\$1,600.00	\$3,420.78		
	Valves				10	30		\$1,000.00	\$21,053.91		
	Equipment Rental							\$0.00	\$1,835.00		
	Isaac Lumber							\$197.03			
	Subtotal Div 15	0	24	6	156	110	0	\$7,134.00	\$42,212.89	\$1,930.00	
16	Electrical										
	Energy Efficient Electric (Subcontractor)							\$0.00	\$0.00	\$44,800.00	EEE <sup>1</sup>
	Subtotal Div 16	0	0	0	0	0	0	\$0.00	\$0.00	\$44,800.00	
	<b>TOTALS:</b>	<b>68</b>	<b>178</b>	<b>67</b>	<b>383</b>	<b>424</b>	<b>20</b>	<b>\$29,489.00</b>	<b>\$123,765.70</b>	<b>\$38,399.00</b>	
	Labor @ Markup (1.35x)(1.15)										
	Materials @ Markup (1.15)								\$50,012.60		
	Subcontract Services @ Markup (1.1)								\$192,318.65	\$60,838.50	
	<b>PROJECT CONSTRUCTION SUBTOTAL</b>									\$213,977.05	
	<b>ENGINEERING TOTAL (From Previous Page)</b>									\$9,920.00	
	<b>PBC WUD Allowance</b>									\$18,000.00	
	<b>PROJECT SUBTOTAL</b>									\$271,907.05	
	Bonding (2%)									\$5,438.11	
	<b>PROJECT TOTAL</b>									\$277,345.16	

1 - Energy Efficient Electric, Inc.

## ATTACHMENT - B

### PROJECT SCHEDULE

#### SCHEDULE

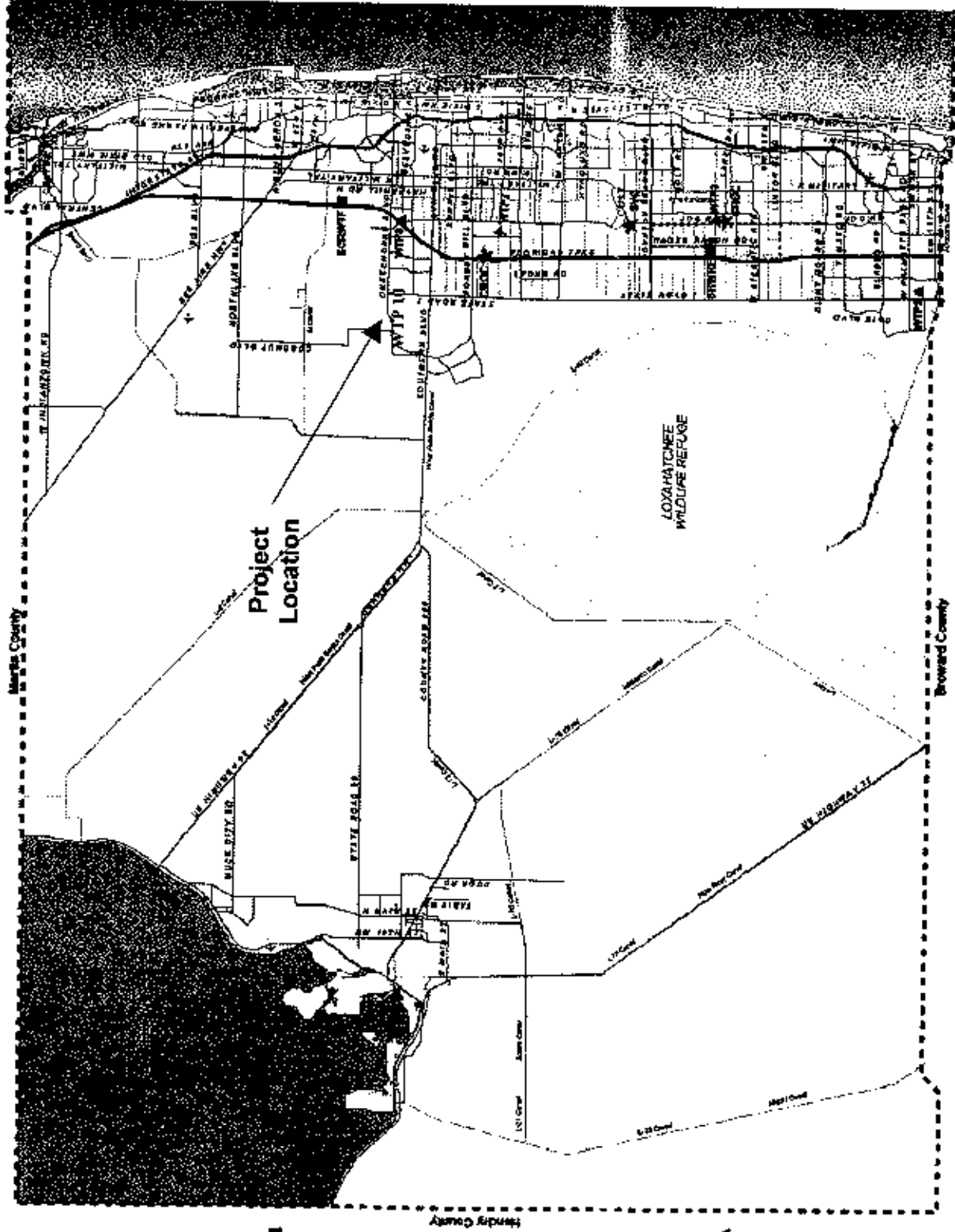
The completion dates for this work will be as follows (starting from DESIGN-BUILD ENTITY'S receipt of Notice-to-Proceed).

<u>Construction Services</u>	<u>Substantial Completion</u> <sup>(1)</sup>	<u>Final Completion</u> <sup>(1)</sup>
Procurement & Construction	270	300


<sup>(1)</sup> Pending delivery of specified components and permits. Long lead items are 10 to 12 weeks from approval of submittals.



# Attachment D -- Project Location



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

- Legend**
- BOUNDARY RECLAIMED SA
  - COUNTY LIMITS
  - ★ Administration
  - Water Distribution Plant
  - ▲ Water Treatment Plant
  - Wastworks
- 
  
 APR 29, 2014



## EXHIBIT - B

### AUTHORIZATION STATUS REPORT April 28, 2009 (CONTINUED)

#### SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
<b>CONSULTANT SERVICE AUTHORIZATIONS</b>						
CSA-1	Beeline Rechloramination Facility	Approved	\$67,871.00	12/17/2008	09-006	GT 08-20-140
CSA-2	Mangonia Park Elevated Tank Repair/Replacement - Phase 1	Approved	\$35,364.00	12/17/2008	09-032	GT 08-20-141
CSA-3	WTP 10 Membrane Improvements	Approved	\$48,716.00	12/17/2008	08-074	GT 08-20-142
CSA-4	South Bay Regional Pump Station	Approved	\$49,664.00	3/17/2009	09-041	GT 09-20-151
CSA-5	Pahokee WWTP MCC Replacement	Approved	\$49,048.00	3/17/2009	09-039	GT 09-20-152
CSA-6	Belle Glade WWTP Grit Removal	Approved	\$32,698.00	3/17/2009	09-040	GT 09-20-153
	Total CSAs		\$283,361.00			
<b>WORK AUTHORIZATIONS</b>						
WA-1	WTP 3, 9, & SRWRF Hypochlorite I&C Improvements	Approved	\$198,732.00	12/17/2008	08-059	GT 08-20-143
WA-2	WTP 2 SCADA Tower	Approved	\$76,200.00	3/17/2009	08-071	GT 09-20-148
WA-3	WTP 2 Hypochlorite Improvements	Approved	\$66,887.00	3/10/2009	09-035	GT 09-20-149
WA-4	South Bay Regional WW Pump Station	Pending				
WA-5	Pahokee WWTP MCC Replacement	Pending			09-039	
WA-6	Belle Glade WWTP Grit Removal	Pending			09-040	
WA-7	Lake Region Hypochlorite Improvements	Pending				
WA-8	WTP 8 Hypochlorite Improvements	Pending				
WA-9	WTP Wellfield Recharge - Riverbridge	Pending				
WA-10	WTP 10 Membrane Improvements	Pending	\$278,654.00		08-074	
WA-11	Southwest Boca Diversion Pump Stations	Pending				
WA-12	WTP 2 Backwash Pump Station	Approved	\$190,000.00	4/28/2009	07-134	
WA-13	Beeline Rechloramination Facility - Construction Phase 1	Approved	\$194,500.00	2/18/2009	09-006	GT 09-20-147
WA-14	Mangonia Park Elevated Tank	Approved	\$427,636.00	4/7/2009	09-032	GT 08-20-157
WA-15	Hillsboro Wells Level Transmitter Wiring	Pending				
WA-16	Beeline CDC Line Stop at Innovation Drive	Approved	\$13,379.20	4/1/2009	08-083	GT 09-20-154
WA-17	Electrical Service for KOB Lift Station	Pending				
	Total WAs		\$1,445,988.20			
	Total CSAs + WAs		\$1,729,349.20			

Date: 4/28/2009

## EXHIBIT - C

### AUTHORIZATION STATUS REPORT OPTIMIZATION AND IMPROVEMENTS DESIGN-BUILD CONTRACT

(CONTINUED)

SUMMARY AND STATUS OF  
SBE / MINORITY BUSINESS TRACKING SYSTEM  
WA 10 - WTP 10 Membrane Improvements - Construction

	Total
<b>Current Proposal</b>	
Value of Consultant Service Authorization	\$0.00
Value of Work Authorization	\$278,654.00
Value of CSA and WA	\$278,654.00
Value of SBE Minority Letter of Intent	\$234,054.00
Actual Percentages	83.99%
<b>Signed / Approved Authorizations</b>	
Total Value of Approved Consultant Service Authorization	\$283,361.00
Total Value of Approved Work Authorization	\$1,167,334.20
Total Value of CSAs and WAs	\$1,450,695.20
Total Value of SBE Signed Subcontracts	\$974,350.20
Actual Percentages	67.16%
<b>Signed Authorizations Plus Current Proposal</b>	
Total Value of Approved CSAs Plus Current CSA Proposal	\$283,361.00
Total Value of Approved WAs Plus Current WA Proposal	\$1,445,988.20
Total Value of Approved and Proposed CSAs and WAs	\$1,729,349.20
Total Value of SBE Subcontracts and Letters of Intent	\$1,208,404.20
Actual Percentages	69.87%
<b>GOAL</b>	75%