





**Continued from Page 1:**

**Summary:** The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The Contract provides for SBE participation of 75% overall. These authorizations include WA #48 – 68.97%, WA #49 – 45.06%, and WA #50 – 81.71% overall participation. The cumulative SBE participation, including work authorizations 48, 49, and 50, is 65.75% overall. Globaltech, Inc. is a local Palm Beach County Company. The Board's approval of Work Authorizations No. 48, 49, and 50 is contingent upon the assignment by the GUA to the County of any and all claims that the GUA has in relation to the LRWTP and its wells, wellfields, and appurtenances. The Department along with the County Attorney's Office will be evaluating the possibility of recovering these costs through all legal means including litigation, if necessary. (WUD Project No. 49 11-112, No. 49 11-113 and No. 50 11-114). District 6 (JM).

**Background and Justification:** The LRWTP was built by Palm Beach County under a 2004 Interlocal Agreement (R2004-0245, 0246, 0247) between the County and Belle Glade, Pahokee and South Bay (Tri-Cities). Under this Agreement the LRWTP was to remain County property and the Tri-Cities were to buy wholesale water. On June 16, 2009, the Glades Utility Authority (GUA) was formed through another Interlocal Agreement (R2009-1034) primarily to stabilize utility operations in the Glades and to buffer, to the extent possible, the County from financial liability due to Tri-Cities utility problems. Under this Agreement the LRWTP ownership was transferred to GUA.

The LRWTP, put into operation in May 2008, began to experience operational difficulties with its Floridan Aquifer Wells following its transfer to GUA. These difficulties involve the capacity of the Floridan wells to deliver sufficient quantities of water without increasing the salinity of the water to unacceptable and untreatable levels. Detailed evaluation by experts in coordination with South Florida Water Management District staff has revealed that the pumping levels in the wellfield must be immediately reduced or the sustainability of the water to meet drinking water standards will be compromised.

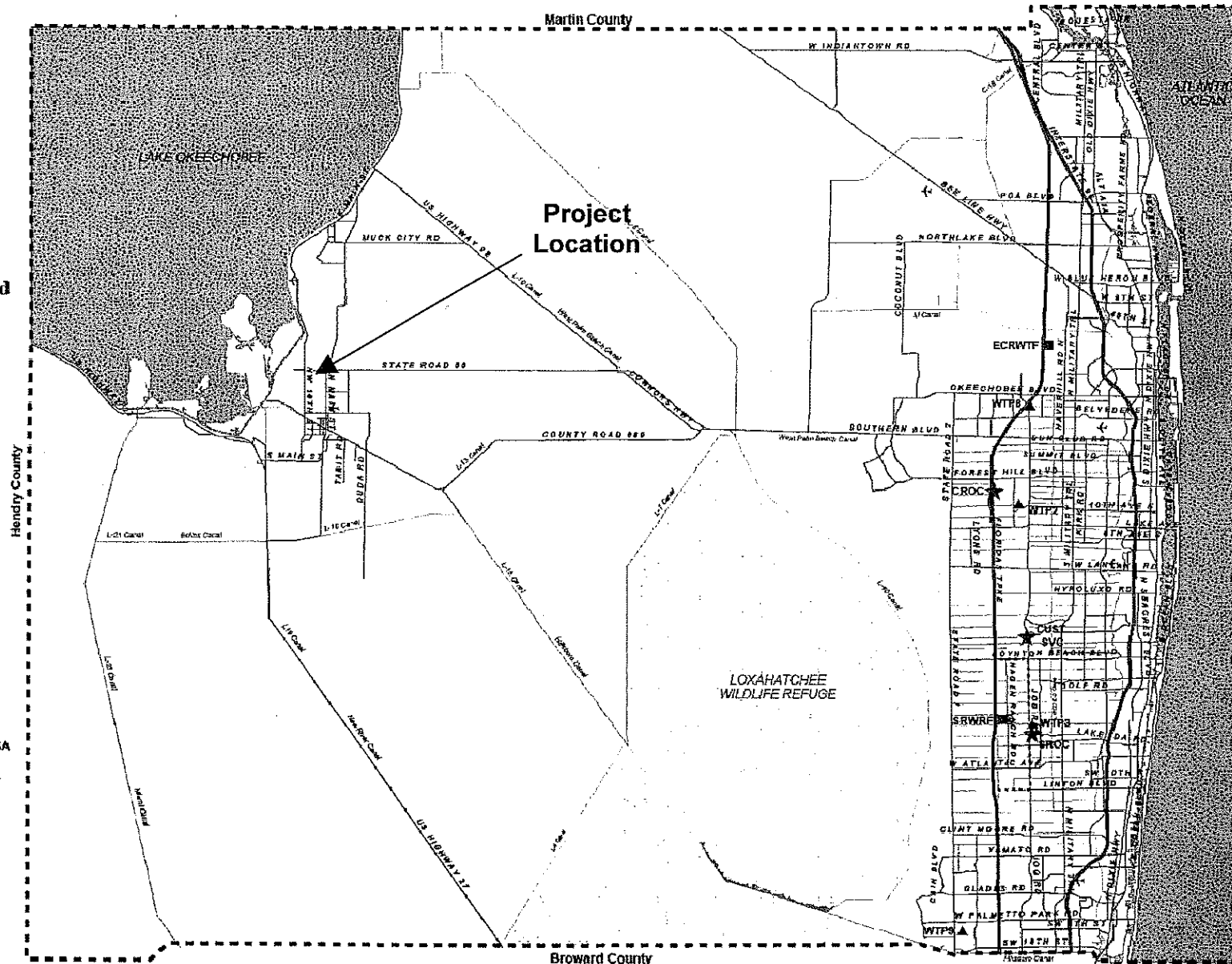
The only viable option to meet this emergency is to add additional Floridan wells to reduce withdrawal intensity, to modify the well pumps to lower withdrawal rates and improve long-term reliability, and to add an energy recovery module to the LRWTP itself which will improve its water recovery efficiency. The total cost of the above remedies will be approximately \$6.9 Million. This agenda item recommends the emergency procurement necessary to modify the LRWTP and the existing well pumps as well as the immediate addition of one (1) Floridan well at the LRWTP site. Total cost of these items is \$3,717,514. Up to three (3) additional Floridan wells will be added at a later date, once land or easements are acquired. The money for these projects will be taken from WUD reserves.

It is appropriate for WUD to fund these projects as the LRWTP wellfield and the plant were transferred to GUA without this deficiency being known. GUA is not financially capable of financing the remedy. In addition to the benefit to the GUA in protecting the sole source of drinking water in the GUA service area, these repairs also benefit the County's Water Utilities Department. These repairs help ensure the continued operation of the LRWTP, and hence, help ensure the continued viability of the GUA. The continued viability of the GUA is beneficial to the Department because (1) the Department is the paid contract operator of the GUA system; and (2) the initial construction costs of the LRWTP incurred by the Department are reimbursed from GUA revenues. In addition, the maintenance of the LRWTP as a viable asset may be beneficial to the Department in the future, as the ownership of the LRWTP reverts to the Department if, upon a termination of the GUA, all unpaid initial construction costs of the LRWTP have not been fully reimbursed to the Department.

# Attachment 1 – Location Map



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



- Legend**
- P.B.C.W.U.D. SA
  - ..... MANDATORY RECLAIMED SA
  - - - COUNTY LIMITS
  - ★ Administration
  - ▲ Water Reclamation Plant
  - ▲ Water Treatment Plant
  - ⊙ Wetlands



WORK AUTHORIZATION NO. 48

Project No. WUD 11-112

Budget Line Item No. 4011-721-W026-6541

Project Title: **Lake Region WTP Well Pump Conversion**

District No.: 6

**THIS AUTHORIZATION No. 48**, 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 Work Authorization includes 68.97% overall participation. The cumulative SBE participation, including this authorization is 77.19% overall.

1. DESIGN-BUILD ENTITY: **Globaltech, Inc.**
2. ADDRESS: **1075 Broken Sound Pkwy NW, Suite 103, Boca Raton, FL33487**
3. Description of Services to be provided by the Design-Build Entity:  
  
**Install Owner-purchased 60 HP submersible pumps in Lake Region Wells 1, 2, 3, 6 and 7. Remove 8-inch inline Bermad Pump Control Valve and replace with stainless steel wafer style check valve with limit switch. Modify well control panel and starter for new pumps. Modify system controls to eliminate flush cycle at startup. Provide miscellaneous electrical panel improvements to include sunshields and shading.**  
  
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. Not to Exceed Price of \$ N/A
  - C. Guaranteed Maximum Price of \$ 458,409.
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: \_\_\_\_\_  
Karen Marcus, Chair

APPROVED AS TO FORM AND LEGAL  
SUFFICIENCY

APPROVED AS TO TERMS AND  
CONDITIONS

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

*Bevin A. Beaudet* 6/7/2011  
\_\_\_\_\_  
Bevin A. Beaudet, Director  
Water Utilities Department

GLOBALTECH, INC.

*Troy L. Lyn*  
\_\_\_\_\_  
(Witness signature)

By: *[Signature]*  
\_\_\_\_\_  
Title: President  
Florida  
(Insert state of corporation)

*Troy L. Lyn*  
\_\_\_\_\_  
(Witness name printed)

June 3, 2011  
\_\_\_\_\_  
(Date of execution)

*[Signature]*  
\_\_\_\_\_  
(Witness signature)

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

1075 Broken Sound Pkwy NW, Suite 103  
Boca Raton, FL 33487  
\_\_\_\_\_  
(Design-Build Entity's City, State, Zip Code)

(Corporate Seal)

## EXHIBIT A

### WORK AUTHORIZATION NO. 48

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

#### SCOPE OF WORK FOR LAKE REGION WTP WELL PUMP CONVERSION

#### 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 design, permitting, construction and startup services for new, Owner-supplied 60 HP constant speed submersible pumps in Lake Region Well numbers 1, 2, 3, 6 and 7. All work shall comply with all County and Building Department standards and shall conform to the Palm Beach County Manual of Minimum Engineering Standards and Palm Beach County – Water Utilities Department design standards.

Project development and determination of the Final GMP will be in accordance with Article 18 B, C, and D of the Contract. No construction work onsite will begin prior to obtaining the required permits.

#### Description of Services

##### Task 1 – Engineering Services

1. Pump and Motor Replacement Design: Obtain and review existing record drawings for Lake Region wells and piping. Prepare preliminary plans consisting of piping, electrical and I&C design details for the installation of new pumps and motors, piping and control modifications. It is anticipated that the design will be limited to 8 design sheets.
2. Design Review Meetings: Conduct two review meetings to review preliminary and final design with staff. Conduct one review meeting with Palm beach County – Health Department to review modifications of existing well conversion permit.
3. GMP Cost Estimate Adjustment: Obtain three independent cost estimates for major vendor items and subcontractors that are not members of the approved Globaltech Team. Adjust GMP based on quotations and update cost for self performing work and GMP fees. Adjustments to Owner's contingency fund shall be in accordance with Article 18C of the Contract.
4. Prepare final design plans and submit permit application packages as required to



Palm Beach County Health Department on behalf of PBCWUD.

Task 2 – Construction Services

The following construction services are specific to this project and may be in addition to the requirements of Article 18 B and C of the Contract:

1. Prepare Schedule of Values.
2. Schedule meetings, inspections, and testing with County, Glades Utility Authority and Lake Region WTP staff
3. Obtain building permit, if required. All permit fees to be paid by County.
4. Prepare detailed construction schedule to include as a minimum; site mobilization, detailed construction activities and equipment/material delivery times.
5. Prepare project controls and documentation for tracking Guaranteed Maximum Price (GMP) contingency fund.
6. Prepare submittals (or confirmation of compliance with PBCWUD design standards), administer and track submittal process. Coordinate delivery of pumps and well shut down with WTP staff.
7. Establish staging / storage areas with Lake Region WTP staff, mobilize to facilities.

Steps 8 through 17 shall be repeated at Well Nos. 1, 2, 3, 6 and 7

8. Assemble new, Owner-provided pump with two-three sections of Certa-lok pump column, safety cable, power cable, and 1.25-inch diameter level probe drop-pipe. Level probe drop pipe will be attached to column pipe with zip ties and penetrate well head flange. Existing level probe will be reused.
9. Remove well head, existing submersible pump and column pipe. Work shall be conducted by a licensed water well driller. During pump removal, well shall be pumped to suppress artesian flow. Raw water shall be discharged to adjacent canal or to land surface.
10. Disinfect pump and column pipe prior to installation.
11. Install new pump, column pipe and reattach wellhead. Terminate pump power cable connections. Globaltech shall provide a new well seal where motor cables pass through wellhead. Pumps to be installed by a licensed water well contractor.
12. Inject chlorine solution into well and seal for 24 hours. Following lock-in period, open well and allow well to flow freely to remove chlorine residual. County staff shall collect and analyze water samples for bacteriological analysis prior to returning well to service.
13. Remove 8-inch diameter inline Bermad pump control valve and install new inline 316 stainless steel (wafer style) check valve with limit switch.
14. Modify well control panel and starter for 60 HP pump. Modify control sequence programming and devices to eliminate flush cycle at startup. Perform miscellaneous improvements to electrical panels including sun shielding.
15. Provide startup and testing services.
16. Cleanup work area and demobilize from site.
17. Prepare record drawings for Owner.
18. Closeout existing permits.

## **ASSUMPTIONS**

1. County to pay for all permits. It is assumed that any building department permits will be issued through the town of Belle Glade.
2. County will review estimate and make final decision pertaining to equipment and elements of construction that will impact Guaranteed Maximum Price.
3. The project will be designed in accordance with the Palm Beach County Water Utilities Department Manual of Minimum Engineering Standards.
4. County will provide the following:
  - a. Copies of record drawings and existing shop drawings requested by Globaltech, Inc.
  - b. Provide review comments within 10 working days.
  - c. Access to project site to conduct survey, locates, and site visits.
5. County will purchase 60 HP constant speed stainless steel submersible pump, safety cable, motor cable, splices, Certa-lok pump column and flange column adapters.
6. County staff to collect and analyze water samples for bacteriological analysis. Sample results shall be submitted to Palm Beach County Health Department.
7. Water from well can be discharged to ground surface and will not require pre-treatment or containerization.
8. No new survey will be performed as part of this work authorization.
9. For the purpose of preparing this work authorization, all subcontractors (with the exception of Hillers Electrical Engineers, Inc.) will not be Small / Minority or Woman Owned Enterprises. During the execution of this work authorization, Globaltech will attempt to procure qualified small and/or disadvantaged businesses.
10. County / GUA staff will provide new screens and programming for WTP well control systems.
11. County / GUA staff will provide and install water level probes.
12. Three cost estimates will be obtained for major mechanical components and subcontractor work not self-performed by the approved Globaltech Team.
13. A 10-percent construction allowance is included in the project budget.
14. Liquidated Damages may be assessed at a rate of \$1,000 per day up to Substantial Completion and \$500 per day from Substantial Completion until Final Completion.

## **COMPENSATION**

Compensation for Work Authorization No. 48 will be on a Guaranteed Maximum Price (GMP) basis and shall not exceed the Amount (inclusive of allowances) of \$458,409. Attachment A provides the cost basis of the initial GMP. An Adjusted GMP shall be prepared following the design completion as described in Task 1.4 above. All cost savings for the not-to-exceed value of the GMP shall be returned to PBC as part of the net aggregate saving when final accounting is submitted upon Final Completion of the Work, or at such earlier time as agreed to by the County and Globaltech as described in the CONTRACT.

## **SCHEDULE**

The milestone completion schedule is provided in Attachment B. A detailed construction activity schedule will be provided under Task 2.1 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.

<b>ATTACHMENT – A</b>	<b>Budget Summary</b>
<b>ATTACHMENT – B</b>	<b>Project Schedule</b>
<b>ATTACHMENT – C</b>	<b>SBE Schedule 1</b>
<b>ATTACHMENT – D</b>	<b>Location Map</b>

**PUBLIC CONSTRUCTION BOND**

BOND NUMBER: \_\_\_\_\_

BOND AMOUNT: \$458,409.00

CONTRACT AMOUNT: \$458,409.00

CONTRACTOR'S NAME: Globaltech, Inc.

CONTRACTOR'S ADDRESS: 1075 Broken Sound Parkway, NW  
Suite #103  
Boca Raton, FL 33487

CONTRACTOR'S PHONE: 561-997-6433

SURETY COMPANY: First Seaford Surety, Inc.

SURETY'S ADDRESS: 4901 17<sup>th</sup> Way #304  
Ft. Lauderdale, FL 33309

OWNER'S NAME: PALM BEACH COUNTY

OWNER'S ADDRESS: 8100 Forest Hill Boulevard (P. O. Box 16097)  
West Palm Beach, FL 33413

OWNER'S PHONE: (561) 493-6000

DESCRIPTION OF WORK: Lake Region WTP Well Pump Conversion and Installation of  
Owner Purchased Pumps

PROJECT LOCATION: 39700 Hooker Highway, Belle Glade, FL 33430

LEGAL DESCRIPTION: 39700 Hooker Highway, Belle Glade, FL 33430

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**PUBLIC CONSTRUCTION BOND**

This Bond is issued in favor of the County conditioned on the full and faithful performance of the Contract.

KNOW ALL MEN BY THESE PRESENTS: that Contractor and Surety, are held and firmly bound unto

Palm Beach County Board of County Commissioners  
301 N. Olive Avenue  
West Palm Beach, Florida 33401

as Obligee, herein called County, for the use and benefit of claimant as herein below defined, in the amount of

Dollars (\$458,409.00)

(Four hundred fifty-eight thousand, four hundred nine dollars and zero cents)

for the payment whereof Principal and Surety bind themselves, their heirs, personal representatives, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS,

Principal has by written agreement dated \_\_\_\_\_, entered into a contract with the County for

Project Name: Lake Region WTP Well Pump Conversion

Project No.: WUD TBD

Project Description: **This project involves the installation of Owner -Purchased Submersible Pumps and Related Well Head Improvements**

Project Location: 39700 Hooker Highway, Belle Glade, FL 33430

in accordance with Design Criteria Drawings and Specifications prepared by

Name of Design Firm: Globaltech, Inc.  
Location of Firm: Boca Raton, FL 33487  
Phone: 561-997-6433  
Fax: 561-997-5811

which contract is by reference made a part hereof in its entirety, and is hereinafter referred to as the Contract.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the contract dated \_\_\_\_\_, between Principal and County for the design and construction of the Lake Region WTP Well Pump Conversion, the contract being made a part of this bond by reference, at the times and in the manner prescribed in the contract; and

2. Promptly makes payments to all claimants, as defined in Section 255.05, Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the contract; and

3. Pays County all losses, damages (including liquidated damages), expenses, costs, and attorneys' fees, including appellate proceedings, that County sustains because of a default by Principal under the contract; and

4. Performs the guarantee of all work and materials furnished under the contract for the time specified in the contract, then this bond is void; otherwise it remains in full force.

5. Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the contract or the changes does not affect Surety's obligation under this bond and Surety waives notice of such changes.

6. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of construction liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against the bond.

7. Principal and Surety expressly acknowledge that any and all provisions relating to consequential, delay and liquidated damages contained in the contract are expressly covered by and made a part of this Performance, Labor and Material Payment Bond. Principal and Surety acknowledge that any such provisions lie within their obligations and within the policy coverage's and limitations of this instrument.

8. Section 255.05, Florida Statutes, as amended, together with all notice and time provisions contained therein, is incorporated herein, by reference, in its entirety. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes. This instrument regardless of its form, shall be construed and deemed a statutory bond issued in accordance with Section 255.05, Florida Statutes.

9. Any action brought under this instrument shall be brought in the state court of competent jurisdiction in Palm Beach County, Florida and not elsewhere.

\_\_\_\_\_  
Witness

Principal

(Seal)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Witness

Surety

(Seal)

\_\_\_\_\_  
Title

**FORM OF GUARANTEE**

GUARANTEE FOR (Contractor and Surety Name) \_\_\_\_\_

We the undersigned hereby guarantee that the **Lake Region WTP Well Pump Conversion**, Palm Beach County, Florida, which we have constructed and bonded, has been done in accordance with the plans and specifications; that the work constructed will fulfill the requirements of the guaranties included in the Contract Documents. We agree to repair or replace any or all of our work, together with any work of others which may be damaged in so doing, that may prove to be defective in the workmanship or materials within a period of one year from the date of Substantial Completion of all of the above named work by the County of Palm Beach, State of Florida, without any expense whatsoever to said County of Palm Beach, ordinary wear and tear and unusual abuse or neglect excepted by the County. When correction work is started, it shall be carried through to completion.

In the event of our failure to acknowledge notice, and commence corrections of defective work within five (5) calendar days after being notified in writing by the Board of County Commissioners, Palm Beach County, Florida, we, collectively or separately, do hereby authorize Palm Beach County to proceed to have said defects repaired and made good at our expense and we will honor and pay the costs and charges therefore upon demand.

DATED \_\_\_\_\_  
(notice of completion filing date)

**SEAL AND NOTARIAL ACKNOWLEDGMENT OF SURETY**

Countersigned Resident Agent in Florida: \_\_\_\_\_ (Seal)  
(Contractor)

By: \_\_\_\_\_  
(Agent) (Signature)

By \_\_\_\_\_ (Signature)  
(Surety) (Seal)

By: \_\_\_\_\_  
(Signature)

**END OF SECTION**

**ATTACHMENT - A**  
**WA#48 - LAKE REGION WTP WELL PUMP CONVERSIONS**  
**Budget Summary - Engineering**

Task No.	Task Description	Labor Classification and Hourly Rate					Total Labor	*Sub-Consultant Services	Sub-Contractor
		E6	E5	E3	T4	Office			
		\$50.00	\$45.00	\$30.00	\$29.40	\$21.00			
1	<b>Engineering Design</b>								
	Final Design Drawings								
	Mechanical	16	24	16	60	4	\$4,208.00		
	Electrical/I&C	8			8	2	\$677.20	\$20,000.00	
	Site Visits	16	16				\$1,520.00		
	Design Review Meeting	12	12				\$1,140.00		
	GMP Cost Estimate Adjustment	8	8	16		4	\$1,324.00		
	<b>Subtotal Task 2</b>	<b>60</b>	<b>60</b>	<b>32</b>	<b>68</b>	<b>10</b>	<b>\$8,869.20</b>	<b>\$20,000.00</b>	
	PBCHD Permit								
	PBCHD Permit Application		16			2	\$762.00		
	Record Drawings		16		16	2	\$1,232.40		
	<b>Subtotal Task 3</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>16</b>	<b>4</b>	<b>\$1,994.40</b>	<b>\$0.00</b>	
	Labor Subtotal Hours	60	92	32	84	14			
	Labor Raw Costs	\$3,000.00	\$4,140.00	\$960.00	\$2,469.60	\$294.00	\$10,863.60		
	Labor Multiplier	3.00	3.00	3.00	3.00	3.00			
	Labor SubTotal	\$9,000.00	\$12,420.00	\$2,880.00	\$7,408.80	\$882.00	\$32,590.80		
	Labor Total						\$32,590.80		
	Subconsultant Labor Total						\$20,000.00		
	Subconsultant Multiplier						1.10		
	Subcontract Total						\$22,000.00		
	Reimbursable Expenses						\$750.00		
	Project Total						\$55,340.80		

1 - HEE - Hillers Electrical Engineering, Inc.  
2 - EEE - Energy Efficient Electric, Inc.



**ATTACHMENT – A**  
**WA#48 - LAKE REGION WTP WELL PUMP CONVERSIONS**

**Budget Summary - Construction**

CSI Division	Task Description	Labor Classification and Hourly Rate						Total Labor	Materials	*Sub-Contractor Services	Sub-Contractor
		PRO8	PRO6	NEO5	NEO4	NEO2	Office				
		\$63.00	\$45.00	\$36.75	\$25.20	\$18.90	\$21.00				
<b>1a</b>	<b>Temporary Facilities</b>										
	Trailer/Container Rental		8				2	\$458.00	\$3,075.00		
	Jobsite Supplies/Misc		2				2	\$188.00	\$200.00		
	Sanitary		2				2	\$132.00	\$665.66		
	<b>Subtotal Div 1a</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>\$778.00</b>	<b>\$3,940.66</b>	<b>\$0.00</b>	
<b>1b</b>	<b>General Conditions</b>										
	Construction PM		40					\$1,800.00			
	Construction Supervisor	90						\$5,670.00			
	Submittals		12				2	\$582.00	\$100.00		
	Site Visits/Reviews	16						\$1,008.00			
	Scheduling		16				2	\$762.00			
	Progress Meetings	16	16				2	\$1,770.00			
	BD Permit Application/Closeout	20					2	\$1,302.00			
	Equipment O&M Manuals	20					4	\$1,344.00	\$100.00		
	Startup/Puchlist	40		40	40			\$4,998.00			
	<b>Subtotal Div 1b</b>	<b>202</b>	<b>84</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>12</b>	<b>\$19,236.00</b>	<b>\$200.00</b>	<b>\$0.00</b>	
<b>2</b>	<b>Sitework/Staging</b>										
	Site Staging/Mobilize	2		8	8			\$621.60			
	Sod	16						\$1,008.00		\$2,200.00	
	Cleanup				16	16		\$705.60			
	<b>Subtotal Div 2</b>	<b>18</b>	<b>0</b>	<b>8</b>	<b>24</b>	<b>16</b>	<b>0</b>	<b>\$2,335.20</b>	<b>\$0.00</b>	<b>\$2,200.00</b>	
<b>3</b>	<b>Concrete</b>										
								\$0.00			
	<b>Subtotal Div 3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>4</b>	<b>Building Modification</b>										
								\$0.00			
	<b>Subtotal Div 4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>5</b>	<b>Miscellaneous Metals/Supp/Fstrs</b>										
	Supports, Unistrut			40	40	40	2	\$3,276.00	\$3,500.00		
	Sun Shields (5)			100	100	100	2	\$8,127.00	\$18,640.00		
	<b>Subtotal Div 5</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>4</b>	<b>\$11,403.00</b>	<b>\$22,140.00</b>	<b>\$0.00</b>	
<b>9</b>	<b>Finishes</b>										
								\$0.00			
	<b>Subtotal Div 9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>11</b>	<b>Equipment</b>										
	Remove existing pumps/columns and install Owner supplied pumps/columns for 5 wells			70	70	70		\$5,659.50		\$30,000.00	
	Assist in artesian disposal pump and hose setup			100	100	100		\$8,085.00			
	<b>Subtotal Div 11</b>	<b>0</b>	<b>0</b>	<b>170</b>	<b>170</b>	<b>170</b>	<b>0</b>	<b>\$13,744.50</b>	<b>\$0.00</b>	<b>\$30,000.00</b>	
<b>13</b>	<b>I&amp;C</b>										
	Panel Modifications							\$0.00		\$25,000.00	
	Programming							\$0.00		\$20,000.00	HEE'
	<b>Subtotal Div 13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$45,000.00</b>	
<b>15</b>	<b>Mechanical</b>										
	Remove Bernad Valve & install new SS chk valve (5 wells)			50	50	50		\$4,042.50	\$10,120.00		
	Reinstall above ground piping & new spool pieces (5 wells)			70	70	70		\$5,659.50	\$10,650.00		

**ATTACHMENT - A**  
**WA#48 - LAKE REGION WTP WELL PUMP CONVERSIONS**

**Budget Summary - Construction**

CSI Division	Task Description	Labor Classification and Hourly Rate						Total Labor	Materials	*Sub-Contractor Services	Sub-Contractor
		PRO8	PRO6	NEO5	NEO4	NEO2	Office				
		\$63.00	\$45.00	\$36.75	\$25.20	\$18.90	\$21.00				
	Hardware 8" 316 SS Bolt kits							\$0.00	\$2,660.00		
	<b>Subtotal Div 15</b>	0	0	120	120	120	0	\$9,702.00	\$23,430.00	\$0.00	
<b>16</b>	<b>Electrical</b>										
	Electrical Subcontractor							\$0.00	\$0.00	\$85,000.00	EE <sup>2</sup>
	Electical Engineer SDC							\$0.00	\$0.00	\$15,000.00	HEE <sup>1</sup>
	<b>Subtotal Div 16</b>	0	0	0	0	0	0	\$0.00	\$0.00	\$100,000.00	
<b>18</b>	<b>Heavy/Rental Equipment</b>										
	Lull		2				2	\$132.00	\$5,800.00		
	Miscellaneous Tools/Consumables/Fuel							\$0.00	\$2,000.00		
	<b>Subtotal Div 18</b>	0	2	0	0	0	2	\$132.00	\$7,800.00	\$0.00	
	<b>SUBTOTALS:</b>							\$57,330.70	\$57,510.66	\$177,200.00	
	Labor @ Markup (1.36x1.084x1.15)							\$97,197.09			
	Materials @ Markup (1.15)								\$66,137.26		
	Subcontract Services @ Markup (1.1)									\$194,920.00	
	<b>PROJECT CONSTRUCTION SUBTOTAL</b>									\$358,254.35	
	PBC WUD Allowance (on construction)									\$35,825.44	
	Engineering									\$55,340.80	
	<b>PROJECT SUBTOTAL:</b>									\$449,420.59	
	Construction Bonding (2%)									\$8,988.41	
	<b>PROJECT TOTAL</b>									\$458,409.00	

## 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>Services</u>	<u>Substantial Completion</u> <sup>(1)</sup>	<u>Final Completion</u> <sup>(1)</sup>
Design Services	60 days	75 days
Permitting		120 days
Procurement		180 days
Convert (Wells 1, 2, 6, 7)	285 days	330 days
Convert (Well 3)	400 days	425 days <sup>(2)</sup>

<sup>(1)</sup> Completion times do not include time required for permitting approval.

<sup>(2)</sup> Requires the completion of proposed Lake Region PW-8

**ATTACHMENT C**

**SCHEDULE #1**

**LIST OF PROPOSED SBE-M/WBE PRIME AND/OR SUBCONTRACTOR PARTICIPATION**

PROJECT NAME: Lake Region Water Treatment Plant Well Pump Conversion PROJECT NUMBER OR BID NUMBER: WUD 11- 112

NAME OF PRIME BIDDER: Globaltech, Inc. ADDRESS: 1075 Broken Sound Parkway NW, Suite 103, Boca Raton, FL 33487

CONTACT PERSON: Paul Gandy, P.E. PHONE NO. 561-997-6433 FAX NO. 561-997-5811

BID OPENING DATE: N/A USER DEPARTMENT: \_\_\_\_\_

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH THE BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE-M/WBE SUBCONTRACTORS ON THIS PROJECT. IF THE PRIME IS AN SBE-M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT .

Name, Address, Telephone Number of SBE-W/MBE Contractor	(Check one or both Categories)		Dollar Amount				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
Globaltech, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$ -	\$ -	\$ -	\$ 261,209.00	\$ -
Hillers Electrical Engineering, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ 55,000.00	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL:			\$ -	\$ 55,000.00	\$ -	\$ 261,209.00	\$ -

TOTAL BID PRICE: \$458,409.00

Total Value of SBE-M/WBE Participation Dollar Amount or Percentage of Work: \$ 316,209.00

- NOTE:
1. The amount listed on this form for a Subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal 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 a SBE and M/WBE, please indicate the dollar amount or percentage under the appropriate category.
  3. M/WBE information is being collected for tacking puposes only.

**ATTACHMENT C**

**SCHEDULE 2**

**LETTER OF INTENT TO PERFORM AS AN SBE OR MWBE SUBCONTRACTOR**

PROJECT NO. WUD 11-112 PROJECT NAME: Lake Region WTP Well Pump Conversions

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

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

Date of Palm Beach County Certification: September 28, 2009

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>E1</u>	<u>Electrical Design</u>	<u>1</u>	<u>\$20,000</u>	<u>\$20,000</u>
<u>C16</u>	<u>Services During Construction</u>	<u>1</u>	<u>\$15,000</u>	<u>\$15,000</u>
<u>C13</u>	<u>PLC Programming</u>	<u>1</u>	<u>\$20,000</u>	<u>\$20,000</u>
_____	_____	_____	_____	_____

Hillers Electrical Engineering will prepare design drawings for electrical and I&C improvements for the Lake Region Water Treatment Plant Well Pump Conversion for Wells 1, 2, 3, 6 and 7. HEE will provide assistance during project startup and will provide record drawings that reflect electrical and I&C improvements. Hillers Electrical will provide programming of PLC during project startup.

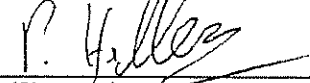
at the following price and not to exceed: \$55,000 (Fifty five thousand dollars and no cents)  
(Subcontractor's quote)

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: \$ -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 Engineers, Inc.  
(Print Name of SBE-M/WBE Subcontractor)

By:   
(Signature)

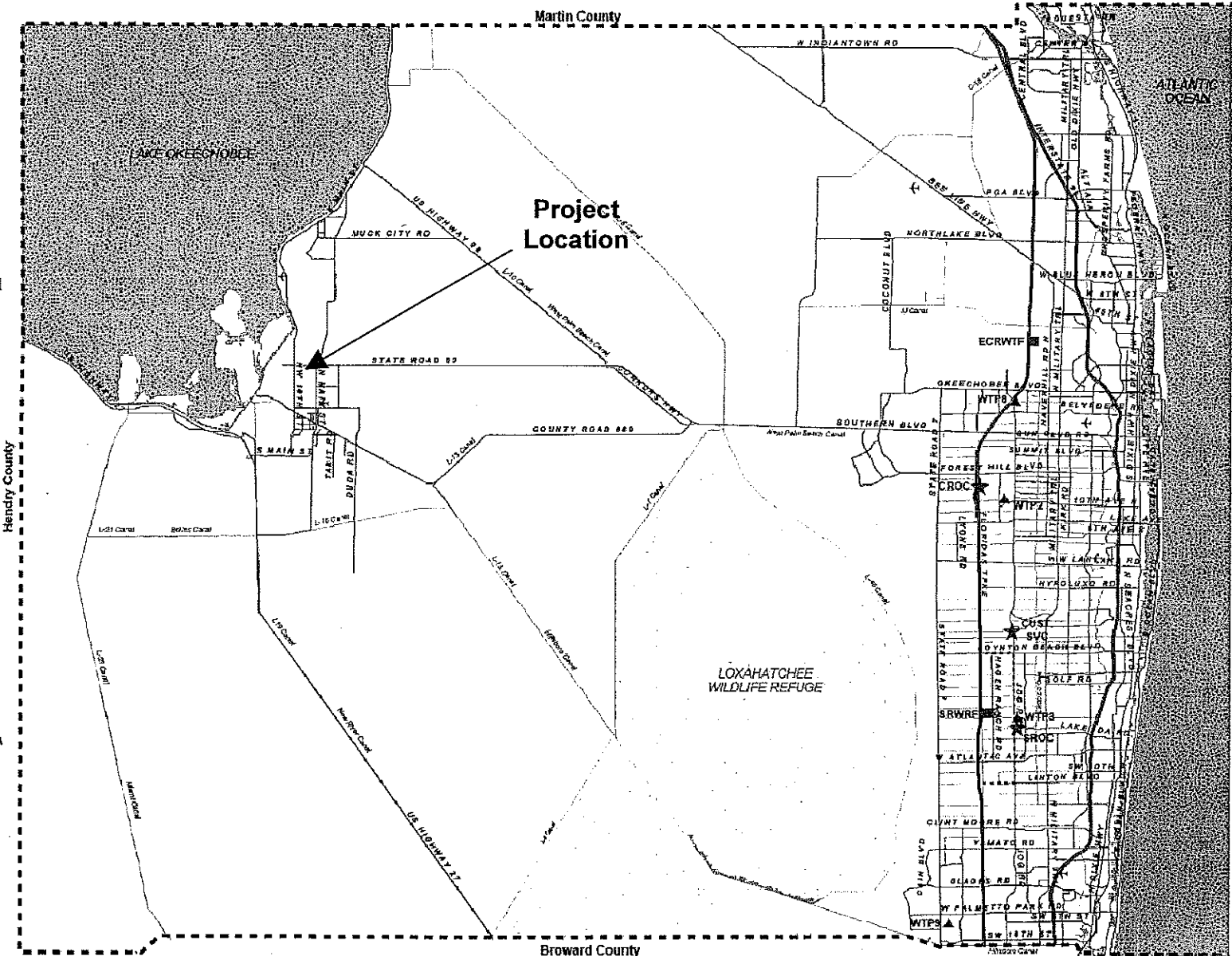
Paul Hillers, P.E. / President  
(Print name/title of person executing on behalf of SBE-M/WBE Subcontractor)

Date: June 3, 2011

Attachment D – Location Map



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



- Legend**
- P.B.C.W.U.D. SA
  - - - MANDATORY RECLAIMED SA
  - - - COUNTY LIMITS
  - ★ Administration
  - Water Reclamation Plant
  - ▲ Water Treatment Plant
  - ⊙ Wetlands



NOT TO SCALE

## EXHIBIT - B

### AUTHORIZATION STATUS REPORT June 3, 2011 (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
CSA-7	Lift Station 5229 Evaluation	Approved	\$30,689.00	3/12/2010	10-032	GT 10-20-186
CSA-8	WTP 3 / SROC DIW Blending	Approved	\$48,858.00	2/14/2010	09-059	GT 10-20-184
CSA-8.1	WTP 3 / SROC DIW Blending - Supplement 1	Approved	\$47,070.00	10/05/2010	09-059	GT 10-20-184
CSA-8.2	WTP 3 / SROC DIW Blending - Supplement 2	Approved	\$24,475.00	4/15/2011	09-059	GT 10-20-184
CSA-9	Pahokee WWTP NaOCI Preliminary Dsgn Report	Approved	\$16,698.00	11/02/2010	11-045	GT 10-20-208
CSA-10	West Canal Street South Belle Glade Water Main	Approved	\$22,000.00	9/28/2010	11-007	GT 10-20-202
CSA-11	WTP 2 Transfer Pumps	Pending			11-107	
CSA-12	WTP 8 Sodium Hypochlorite Improvements	Approved	\$44,290.00	12/20/2010	09-005	GT 10-20-225
CSA-13	WTP 8 Elevated Walkway	Approved	\$15,969.00	4/13/2011	11-089	
CSA-13.1	WTP 8 Elevated Walkway - Supplement 1	Approved	-\$15,969.00	5/20/2011	11-089	
CSA-14	WTP 3 Groundwater Rule Improvements	Approved	\$46,210.00	3/10/2011	10-034	GT 11-20-241
Total CSAs			\$563,651.00			

## EXHIBIT - B

### AUTHORIZATION STATUS REPORT June 3, 2011 (CONTINUED)

#### SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
	<b>Work Authorizations</b>					
WA-1	WTP 3, 9, & SRWRF Hypochlorite I&C Improv.	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-2.1	WTP 2 SCADA Tower Supplement 1	Approved	\$4,599.00	8/3/2009	08-071	GT 09-20-148
WA-2.2	WTP 2 SCADA Tower Supplement 2	Approved	\$2,373.00	9/21/2009	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	Approved	\$550,336.00	8/18/2009	09-041	GT 09-20-168
WA-4.1	South Bay Pump Station - Supplement 1	Approved	\$0.00	9/14/2010	09-041	GT 09-20-168
WA-5	Pahokee WWTP MCC Replacement	Approved	\$192,625.00	5/06/2009	09-039	GT 09-20-155
WA-6	Belle Glade WWTP Grit Removal	Approved	\$235,567.00	9/15/2009	09-040	GT 09-20-171
WA-7	Lake Region Hypochlorite Improvements	Approved	\$137,559.00	7/8/2009	03-169	GT 09-20-167
WA-8	WTP 8 Hypochlorite Improvements	Approved	\$116,443.00	12/16/2009	09-005	GT 09-20-183
WA-9	WTP Wellfield Recharge - Riverbridge			NA	05-072	NA
WA-10	WTP 10 Membrane Improvements	Approved	\$278,654.00	6/16/2009	08-074	GT 09-20-164
WA-11	Southwest Boca Diversion Pump Stations	Approved	\$164,056.00	8/19/2009	04-218	GT 09-20-172
WA-11.1	SW Boca Diversion PS - Supplement 1	Approved	\$0.00	9/14/2010	04-218	GT 09-20-172
WA-12	WTP 2 Backwash Pump Station	Approved	\$190,000.00	4/28/2009	07-134	GT 09-20-156
WA-12.1	WTP 2 Backwash Pump Station - Supplement 1	Approved	\$9,338.00		07-134	GT 09-20-156
WA-12.2	WTP 2 Backwash Pump Station - Supplement 2	Approved	\$21,339.00	2/17/2010	07-134	GT 09-20-156
WA-12.3	WTP 2 Backwash Pump Station - Supplement 3	Approved	\$63,093.00	2/25/2010	07-134	GT 09-20-156
WA-13	Beeline Rechlorination Facility - 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 09-20-157
WA-15	Hillsboro Wells Level Transmitter Wiring	Approved	\$36,751.00	6/16/2009	09-084	GT 09-20-165
WA-16	Beeline CDC Line Stop at Innovation Drive	Approved	\$13,379.20	4/1/2009	08-083	GT 09-20-154
WA-16.1	Electrical Service for KOB Lift Station	Approved	\$12,182.00	5/20/2009	08-083	GT 09-20-158
WA-17	WTP 3 - Ammonia Piping Modifications	Approved	\$10,207.00	6/16/2009	09-063	GT 09-20-163
WA-18	WTP 10 Train B Membrane Replacement	Approved	\$15,615.00	6/16/2009	09-062	GT 09-20-166
WA-19	WTP 10 Train A Membrane Replacement	Approved	\$14,023.00	9/24/2009	09-077	GT 09-20-174
WA-20	WTP 8 Ferric Chloride System	Approved	\$352,365.00	11/17/2009	07-114	GT 09-20-175
WA-20.1	WTP 8 Ferric Chloride System - Supplement 1	Approved	\$0.00	9/14/2010	07-114	GT 09-20-175
WA-21	Lift Station 5229 Improvements	Pending				
WA-22	Belle Glade Hypochlorite Improvements	Pending				
WA-23	Pahokee Hypochlorite Improvements	Approved	\$183,302.00	1/26/2011	11-045	GT 11-20-218
WA-24	Belle Glade DIW MIT	Approved	\$47,637.00	3/25/2010	10-001	GT 10-20-188
WA-25	WTP 3 Ground Water Rule Improvements	Pending				
WA-26	WTP 9 Ground Water Rule Improvements	Approved	\$156,101.00	1/12/2011	10-036	GT 10-20-226
WA-27	WTP 8 Ground Water Rule Improvements	Approved	\$148,100.00	2/02/2011	10-035	GT 10-20-231
WA-28	WTP 11 Ground Water Rule Improvements			NA	NA	NA
WA-29	Belle Glade Deep Injection Well			NA	NA	NA
WA-30	WTP 3 Acid Piping Replacement	Approved	\$59,432.00	5/3/2010	10-043	GT 10-20-193
WA-31	WTP 2 Ground Water Rule Improvements	Approved	\$89,389.00	4/22/2010	10-033	GT 10-20-190
WA-32	WTP 3 Degassifier Permeal Inlet Repair	Approved	\$25,000.00	3/29/2010	10-044	GT 10-20-189
WA-33	WTP 8 Filters 2 & 3 Media Replacement	Approved	\$180,800.00	7/28/2010	10-066	GT 10-20-196
WA-33.1	WTP 8 Filters 1 Media Replacement	Approved	\$88,328.00	2/01/2011	10-066	GT 10-20-196
WA-34	WTP 2 Fuel Tank Replacement	Approved	\$99,989.00	8/05/2010	10-053	GT 10-20-199
WA-34.1	WTP 2 Fuel Tank Replacement - Supplement 1	Approved	\$18,768.00	12/29/2010	10-053	GT 10-20-199
WA-35	WTP 3 Valve Replacement & Degassifier Repair	Approved	\$43,858.00	8/25/2010	10-074	GT 10-20-201
WA-36	Distribution System WQ Monitoring Construction	Approved	\$149,995.00	10/06/2010	10-072	GT 10-20-213
WA-37	Belle Glade WWTP Digester Stairs	Approved	\$60,982.00	11/22/2010	11-048	GT 10-20-220
WA-38	WTP 3 Diesel Fuel Tank	Approved	\$249,823.00	2/02/2011	09-004	GT 10-20-222
WA-39	Lake Region WTP Degas. Packing Replacement	Approved	\$114,585.00	1/26/2011	11-058	GT 10-20-227
WA-40	Lake Region Well No. 4 - Motor Replacement	Approved	\$24,850.00	1/24/2011	11-062	GT 10-20-232



## EXHIBIT - B

### AUTHORIZATION STATUS REPORT June 3, 2011 (CONTINUED)

#### SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
WA-40.1	Lake Region Well No. 4 - Supplement 1	Approved	\$64,467.00	5/12/2011	11-062	GT 10-20-232
WA-41	SROC DIW Blending Modifications	Pending			09-059	GT 10-20-224
WA-42	SRWRF Digester Piping	Approved	\$145,818.00	2/16/2011	11-063	GT 10-20-227
WA-43	Belle Glade WWTP Transfer Line Valve Install.	Approved	\$26,673.00	3/25/2011	11-083	GT 11-20-217
WA-44	Belle Glade WWTP Control Bldg Gutter Replace.	Pending			11-084	
WA-45	WTP 8 Elevated Walkway	Approved	\$118,548.00	4/20/2011	11-089	GT 11-20-215
WA-46	Lake Region Well No. 3 - Pump Modification	Approved	\$98,000.00	5/12/2011	11-098	
WA-47	SRPF Membrane Concentrate Bypass	Pending			11-108	
WA-48	LR WTP Well Pump Conversions	Pending	\$458,409.00		11-XXX	
WA-49	LR WTP Floridan Aquifer Production Well 8	Pending			11-XXX	
WA-50	LR WTP RO Skid Energy Recoverer System Imp.	Pending			11-XXX	
	Total WAs		\$6,035,313.20			
	Total CSAs + WAs		\$6,598,964.20			

Date: June 3, 2011

## EXHIBIT - C

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

(CONTINUED)

SUMMARY AND STATUS OF  
SBE / MINORITY BUSINESS TRACKING SYSTEM  
WA 48 - Lake Region WTP Well Pump Conversion

	Total
<b>Current Proposal</b>	
Value of Consultant Service Authorization	\$0.00
Value of Work Authorization	\$458,409.00
Value of CSA and WA	\$458,409.00
Value of SBE Minority Letter of Intent	\$316,209.00
Actual Percentages	68.97%
<b>Signed / Approved Authorizations</b>	
Total Value of Approved Consultant Service Authorization	\$563,651.00
Total Value of Approved Work Authorization	\$5,576,904.20
Total Value of CSAs and WAs	\$6,140,555.20
Total Value of SBE Signed Subcontracts	\$4,777,682.20
Actual Percentages	77.80%
<b>Signed Authorizations Plus Current Proposal</b>	
Total Value of Approved CSAs Plus Current CSA Proposal	\$563,651.00
Total Value of Approved WAs Plus Current WA Proposal	\$6,035,313.20
Total Value of Approved and Proposed CSAs and WAs	\$6,598,964.20
Total Value of SBE Subcontracts and Letters of Intent	\$5,093,891.20
Actual Percentages	77.19%
<b>GOAL</b>	<b>75%</b>

**WORK AUTHORIZATION NO. 49**

Project No. WUD 11-113

Budget Line Item No. 4011-721-W026-6541

Project Title: **Lake Region Water Treatment Plant –  
Floridan Aquifer Production Well 8**

District No.: 6

**THIS AUTHORIZATION No. 49**, 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 Work Authorization includes 45.06% overall participation. The cumulative SBE participation, including this authorization is 71.51% overall.

1. DESIGN-BUILD ENTITY: **Globaltech, Inc.**
2. ADDRESS: **1075 Broken Sound Pkwy NW, Suite 103, Boca Raton, FL33487**
3. Description of Services to be provided by the Design-Build Entity:

**Construct a new Floridan Aquifer Production Well near the Lake Region Water Treatment Plant. Work to include site preparation, well construction, wellhead design and construction, design and installation of electrical and control systems, design and installation of piping to the raw water main, and startup services.**

**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. Not to Exceed Price of \$ N/A.
  - C. Guaranteed Maximum Price of \$ 1,459,740.
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: \_\_\_\_\_  
Karen Marcus, Chair

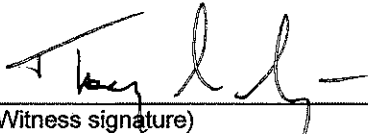
APPROVED AS TO FORM AND LEGAL  
SUFFICIENCY

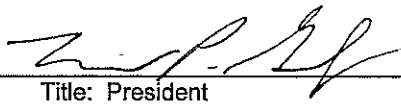
APPROVED AS TO TERMS AND  
CONDITIONS

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

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

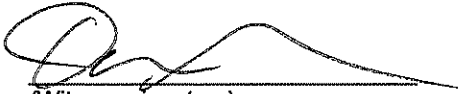
GLOBALTECH, INC.

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

By:   
\_\_\_\_\_  
Title: President  
Florida  
\_\_\_\_\_  
(Insert state of corporation)

Troy L. Lynn  
\_\_\_\_\_  
(Witness name printed)

June 3, 2011  
\_\_\_\_\_  
(Date of execution)

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

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

1075 Broken Sound Pkwy NW, Suite 103  
Boca Raton, FL 33487  
\_\_\_\_\_  
(Design-Build Entity's City, State, Zip Code)

(Corporate Seal)

## EXHIBIT A

### WORK AUTHORIZATION NO. 49

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

#### SCOPE OF WORK FOR LAKE REGION WATER TREATMENT PLANT – FLORIDAN AQUIFER PRODUCTION WELL 8

#### 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 includes the construction of a new Floridan Aquifer Production Well (PW-8) at the Lake Region Water Treatment Plant (WTP). Well siting, well design and permitting through the South Florida Water Management District (SFWMD) will be provided through a separate contract to be performed by others. Under this work authorization, Globaltech, Inc., will construct a new potable water well into the Floridan Aquifer. The well will be located in a fenced enclosure typical of other Lake Region WTP wells. The well will be completed with above ground piping, electrical service from WTP, control systems, installation of Owner-supplied pump, and a buried HDPE raw water pipeline to the WTP. The well, above ground facilities and raw water pipeline will be permitted with the Palm Beach County Health and Building Departments. All work shall comply with all County and Building Department standards and shall conform to the Palm Beach County Manual of Minimum Engineering Standards and Palm Beach County – Water Utilities Department design standards.

Project development and determination of the Final GMP will be in accordance with Article 18 B, C, and D of the Contract. No construction work onsite will begin prior to obtaining the required permits.

#### Description of Services

##### Task 1 – Engineering Services

1. Above-grade Facilities and Raw Water Main Design: Obtain and review existing record drawings from production wells 1 – 7. Prepare preliminary plans consisting of well head, above and below grade piping, electrical and I&C design details, control panels, well compound, site civil and piping from the production well to the raw water tie-in point. It is anticipated that the design will be limited to 12 design sheets. Electrical / mechanical / site civil drawings will include the following:

- a. Cover Sheet
  - b. Index and symbols
  - c. Site location, plan layout, grading and paving plan for access driveway
  - d. Site excavation and backfill details
  - e. Concrete pad and fencing
  - f. Wellhead plan, section and details
  - g. Electrical Control Panel, Well Control Panel, one-line diagrams, P&ID
  - h. Potable water piping layout
  - i. Raw water piping layout and details
  - j. Details (lighting, signage, etc.)
2. Conduct survey and geotechnical investigation of well site to identify boundaries of well site and extent of buried organic material.
  3. Coordinate final well location and designs with County's Hydrogeological Consultant.
  4. Design Review Meetings: Conduct two review meetings to review preliminary and final design with staff.
  5. GMP Cost Estimate Adjustment: Obtain cost estimates for the well construction and other major vendor items and subcontractors. Adjust GMP based on quotations and update cost for self performing work and GMP fees. Adjustments to Owner's contingency fund shall be in accordance with Article 18C of the Contract.
  6. Prepare final design plans and submit permit application packages as required for mechanical and electrical systems to Palm Beach County Health and Building Departments. All permit fees to be paid by County.

#### Task 2 – Construction Services

The following construction services are specific to this project and may be in addition to the requirements of Article 18 B and C of the Contract:

1. Schedule meetings, inspections, and testing with County and WTP staff
2. Obtain Building and Health Department permits
3. Prepare detailed construction schedule to include as a minimum; site mobilization, detailed construction activities and equipment/material delivery times.
4. Prepare submittals (or confirmation of compliance with PBCWUD design standards), administer and track submittal process.
5. Establish staging areas with Lake Region WTP and mobilize to facilities. Place steel traffic plates over significant buried utilities.
6. Temporarily relocate above ground electrical GUA services wires adjacent to well site.
7. Conduct excavation to "de-muck" area bellow well pad. Backfill with clean, granular material to a height of 18-inches above surrounding ground surface.
8. Excavate a temporary storage pond 200 feet by 200 feet. The pond will be excavated to a depth of approximately 4 feet below ground surface (or until rock or groundwater is encountered). Spoil material will be shaped to form a nominal

- three foot high berm around the perimeter of the pond. The pond will have a spill way to the perimeter canal system controlled by an overflow weir.
9. Procure drilling subcontractor suitable to Globaltech, PBCWUD, and County's Hydrogeological Consultant.
  10. Prepare and submit well construction permit application package
  11. Construct well following design prepared by PBC Hydrogeological consultant. Hydrogeologic services during construction (including selection of ultimate well depth and production zone) will be performed by PBC Hydrogeological consultant under contract by others. Well construction sequence and costs were estimated using the following unit estimates:
    - a. Furnish and install 30-inch surface casing to a depth of 100 feet bls
    - b. Drill nominal 12-inch pilot hole to 950 feet bls
    - c. Perform geophysical logging of pilot hole
    - d. Ream pilot hole to 28-inches
    - e. Furnish, install and grout in place 24-inch steel casing to 950 feet bls
    - f. Drill nominal 12-inch pilot hole to 1450 feet bls. Collect incremental drill stem water samples and analyze for physical parameters (chloride, conductivity, TDS)
    - g. Perform geophysical logging of pilot hole
    - h. Furnish, install and grout in place 17.5-inch PVC casing to 1150 feet bls
    - i. Clean out borehole. Install grout plug at base of production zone
    - j. Install discharge line to temporary storage pond
    - k. Develop well
    - l. Conduct step-rate aquifer performance test
    - m. Perform video log of well casing and borehole
  12. Install temporary wellhead (blind flange).
  13. Construct concrete well pad and paved access driveway.
  14. Install 12-inch diameter SDR 13.5 HDPE raw water main from well site to existing 30-inch HDPE raw water main. Hot tap onto existing raw water line will be performed under PBC Time and Materials Contract.
  15. Install well head, Owner-supplied pump and column, and cables at selected depth (approximately 40 feet below pad level).
  16. Install power cables in duct bank from well site to switchgear at Lake Region WTP. Install power panel and well control panel at well site.
  17. Install control system wiring (fiber optic) from well control panel to Lake Region WTP operation center.
  18. Install well control panel with PLC interface to existing plant control. PBC staff will prepare modified control interface screens. Programming to be performed by Globaltech subconsultant.
  19. Perform final site grading and sodding of well site.
  20. Install perimeter site fence, lighting and signage.
  21. Inject sodium hypochlorite in well to disinfect. County staff to collect water quality samples and conduct bacteriological analysis.
  22. Provide clearance letter and closeout package to PBC Health Department.
  23. Cleanup work area and demobilize from site.
  24. Provide startup and testing services.
  25. Prepare record drawings for Owner.

## **ASSUMPTIONS**

1. County to pay for all permit fees.
2. County will review estimate and make final decision pertaining to equipment and



- elements of construction that will impact Guaranteed Maximum Price.
3. The project will be designed in accordance with the Palm Beach County Water Utilities Department Manual of Minimum Engineering Standards.
  4. County will provide the following:
    - a. Copies of record drawings requested by Globaltech, Inc.
    - b. Provide review comments within 10 working days.
    - c. Access to project site to conduct survey, locates, and site visits.
  5. Well siting and design will be performed by PBC Hydrogeological Consultant.
  6. Well permit through South Florida Water Management District will be obtained by PBC Hydrogeological Consultant.
  7. Site analysis of existing drainage systems will be performed by others. If necessary, modifications and permitting to revise the drainage system will be conducted under a separate work authorization.
  8. Dewatering will not be performed during the installation of the temporary storage pond.
  9. Temporary relocation of the above ground electrical wires will not include modifications that may be necessary to bring the entire site into compliance.
  10. A telemetry antenna will not be installed as part of this Work Authorization. All control systems will be hard wired (fiber optic) to the Lake Region WTP control room.
  11. Programming or modification of control screens at Lake Region WTP will be conducted by PBC staff.
  12. Resident observation during well construction activities (including selection of well terminal depth, production zone and aquifer performance testing) will be performed by PBC staff or Hydrogeological Consultant.
  13. A fire control panel will not be installed at the well site.
  14. It is assumed that there are necessary power and control capabilities within the WTP to power and operate the pump motor including sufficient generator capacity.
  15. Cost estimates will be obtained for major mechanical components.
  16. For the purposes of preparing this work authorization, all subcontractors (with the exception of Hillers Electrical Engineers, Inc.) will be assumed not to be Small / Minority or Woman Owned Enterprises. During the execution of this work authorization, Globaltech will attempt to procure qualified small and/ or disadvantaged businesses.
  17. Water quality samples will be collected and analyzed for Primary and Secondary Drinking Water Standards and bacteriological clearance by PBC staff.
  18. A well completion report will be prepared by the County's Hydrogeological Consultant.
  19. A \$108,573.46 construction allowance is included in the project budget.
  20. Liquidated Damages may be assessed at a rate of \$1,000 per day up to Substantial Completion and \$500 per day from Substantial Completion until Final Completion.

## **COMPENSATION**

Compensation for Work Authorization No. 49 will be on a Guaranteed Maximum Price (GMP) basis and shall not exceed the Amount (inclusive of allowances) of \$1,459,740. Attachment A provides the cost basis of the initial GMP. An Adjusted GMP shall be prepared following the design completion as described in Task 1.4 above. All cost savings for the not-to-exceed value of the GMP shall be returned to PBC as part of the net aggregate saving when final accounting is submitted upon Final Completion of the

Work, or at such earlier time as agreed to by the County and Globaltech as described in the CONTRACT.

### **SCHEDULE**

The milestone completion schedule is provided in Attachment B. A detailed construction activity schedule will be provided under Task 2.1 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.

<b>ATTACHMENT – A</b>	<b>Budget Summary</b>
<b>ATTACHMENT – B</b>	<b>Project Schedule</b>
<b>ATTACHMENT – C</b>	<b>SBE Schedule 1</b>
<b>ATTACHMENT – D</b>	<b>Location Map</b>

**PUBLIC CONSTRUCTION BOND**

BOND NUMBER: \_\_\_\_\_

BOND AMOUNT: \$1,459,740.00

CONTRACT AMOUNT: \$1,459,740.00

CONTRACTOR'S NAME: Globaltech, Inc.

CONTRACTOR'S ADDRESS: 1075 Broken Sound Parkway, NW  
Suite #103  
Boca Raton, FL 33487

CONTRACTOR'S PHONE: 561-997-6433

SURETY COMPANY: First Sealord Surety, Inc.

SURETY'S ADDRESS: 4901 17<sup>th</sup> Way #304  
Ft. Lauderdale, FL 33309

OWNER'S NAME: PALM BEACH COUNTY

OWNER'S ADDRESS: 8100 Forest Hill Boulevard (P. O. Box 16097)  
West Palm Beach, FL 33413

OWNER'S PHONE: (561) 493-6000

DESCRIPTION OF WORK: Floridan Production Well and Appurtenances at the  
Lake Region WTP

PROJECT LOCATION: 39700 Hooker Highway, Belle Glade, FL 33430

LEGAL DESCRIPTION: 39700 Hooker Highway, Belle Glade, FL 33430

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**PUBLIC CONSTRUCTION BOND**

This Bond is issued in favor of the County conditioned on the full and faithful performance of the Contract.

KNOW ALL MEN BY THESE PRESENTS: that Contractor and Surety, are held and firmly bound unto

Palm Beach County Board of County Commissioners  
301 N. Olive Avenue  
West Palm Beach, Florida 33401

as Obligee, herein called County, for the use and benefit of claimant as herein below defined, in the amount of

Dollars (\$1,459,740.00)

(One million, four hundred fifty-nine thousand, seven hundred forty dollars and zero cents)

for the payment whereof Principal and Surety bind themselves, their heirs, personal representatives, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS,

Principal has by written agreement dated \_\_\_\_\_, entered into a contract with the County for

Project Name: Lake Region WTP-Floridan Aquifer Production Well 8

Project No: WUD TBD

Project Description: **This project involves the installation of a new Floridan Aquifer Production Well and Appurtenances**

Project Location: 39700 Hooker Highway, Belle Glade, FL 33430

in accordance with Design Criteria Drawings and Specifications prepared by

Name of Design Firm: Globaltech, Inc.  
Location of Firm: Boca Raton, FL 33487  
Phone: 561-997-6433  
Fax: 561-997-5811

which contract is by reference made a part hereof in its entirety, and is hereinafter referred to as the Contract.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the contract dated \_\_\_\_\_, between Principal and County for the design and construction of Lake Region WTP – Floridan Aquifer Production Well 8, the contract being made a part of this bond by reference, at the times and in the manner prescribed in the contract; and

2. Promptly makes payments to all claimants, as defined in Section 255.05, Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the contract; and

3. Pays County all losses, damages (including liquidated damages), expenses, costs, and attorneys' fees, including appellate proceedings, that County sustains because of a default by Principal under the contract; and

4. Performs the guarantee of all work and materials furnished under the contract for the time specified in the contract, then this bond is void; otherwise it remains in full force.

5. Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the contract or the changes does not affect Surety's obligation under this bond and Surety waives notice of such changes.

6. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of construction liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against the bond.

7. Principal and Surety expressly acknowledge that any and all provisions relating to consequential, delay and liquidated damages contained in the contract are expressly covered by and made a part of this Performance, Labor and Material Payment Bond. Principal and Surety acknowledge that any such provisions lie within their obligations and within the policy coverage's and limitations of this instrument.

8. Section 255.05, Florida Statutes, as amended, together with all notice and time provisions contained therein, is incorporated herein, by reference, in its entirety. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes. This instrument regardless of its form, shall be construed and deemed a statutory bond issued in accordance with Section 255.05, Florida Statutes.

9. Any action brought under this instrument shall be brought in the state court of competent jurisdiction in Palm Beach County, Florida and not elsewhere.

\_\_\_\_\_  
Witness

Principal (Seal)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Witness

Surety (Seal)

\_\_\_\_\_  
Title

**FORM OF GUARANTEE**

GUARANTEE FOR (Contractor and Surety Name) \_\_\_\_\_  
\_\_\_\_\_

We the undersigned hereby guarantee that the **Lake Region WTP, Floridan Aquifer Production Well 8**, Palm Beach County, Florida, which we have constructed and bonded, has been done in accordance with the plans and specifications; that the work constructed will fulfill the requirements of the guaranties included in the Contract Documents. We agree to repair or replace any or all of our work, together with any work of others which may be damaged in so doing, that may prove to be defective in the workmanship or materials within a period of one year from the date of Substantial Completion of all of the above named work by the County of Palm Beach, State of Florida, without any expense whatsoever to said County of Palm Beach, ordinary wear and tear and unusual abuse or neglect excepted by the County. When correction work is started, it shall be carried through to completion.

In the event of our failure to acknowledge notice and commence corrections of defective work within five (5) calendar days after being notified in writing by the Board of County Commissioners, Palm Beach County, Florida, we, collectively or separately, do hereby authorize Palm Beach County to proceed to have said defects repaired and made good at our expense and we will honor and pay the costs and charges therefore upon demand.

DATED \_\_\_\_\_  
(notice of completion filing date)

**SEAL AND NOTARIAL ACKNOWLEDGMENT OF SURETY**

Countersigned Resident Agent in Florida: \_\_\_\_\_ (Seal)  
(Contractor)

By: \_\_\_\_\_  
(Agent) (Signature)

By \_\_\_\_\_ (Signature)  
(Surety) (Seal)

By: \_\_\_\_\_  
(Signature)

**END OF SECTION**

**ATTACHMENT – A**

WA #49 Lake Region Water Treatment Plant – Floridan Aquifer Production Well 8

**Budget Summary - Engineering**

Task No.	Task Description	Labor Classification and Hourly Rate						*Sub-Consultant Services	Sub-Contractor
		E6	E5	E3	T4	Office	Total Labor		
		\$50.00	\$45.00	\$30.00	\$29.40	\$21.00			
<b>1</b>	<b>Engineering Design</b>								
	Final Design Drawings								
	Site/Civil Well	8	32		20	4	\$2,512.00	\$1,000.00	Surveyor
	Geotechnical	8				2	\$442.00	\$1,000.00	Geotech
	Mechanical Well	32	40		40	4	\$4,660.00		
	Electrical/I&C Well	8			8	2	\$677.20	\$15,000.00	HEE <sup>1</sup>
	Raw Water Main	16	24		40	4	\$3,140.00	\$1,000.00	Surveyor
	Site Visits	16	16				\$1,520.00		
	Design Review Meetings	12	12				\$1,140.00		
	GMP Cost Estimate Adjustment/Tracking	16	16	30		16	\$2,756.00		
	<b>Subtotal Task 1</b>	<b>116</b>	<b>140</b>	<b>30</b>	<b>108</b>	<b>32</b>	<b>\$16,847.20</b>	<b>\$18,000.00</b>	
<b>2</b>	<b>Services During Construction</b>								
	Startup	20	20			2	\$1,942.00		
	Electrical Engineer		8			2	\$402.00	\$11,000.00	HEE <sup>1</sup>
	<b>Subtotal Task 2</b>	<b>20</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>\$2,344.00</b>	<b>\$11,000.00</b>	
<b>3</b>	<b>PBCHD Permit</b>								
	PBCHD Permit Application		16			2	\$762.00		
	Record Drawings		16		20	2	\$1,350.00	\$1,000.00	Surveyor
	<b>Subtotal Task 4</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>20</b>	<b>4</b>	<b>\$2,112.00</b>	<b>\$1,000.00</b>	
	Labor Subtotal Hours	136	200	30	128	40			
	Labor Raw Costs	\$6,800.00	\$9,000.00	\$900.00	\$3,763.20	\$840.00	\$21,303.20		
	Labor Multiplier	3.00	3.00	3.00	3.00	3.00			
	Labor SubTotal	\$20,400.00	\$27,000.00	\$2,700.00	\$11,289.60	\$2,520.00	\$63,909.60		
	<b>Labor Total</b>						<b>\$63,909.60</b>		
	Subconsultant Labor Total						\$30,000.00		
	Subconsultant Multiplier						\$1.10		
	<b>Subcontract Total</b>						<b>\$33,000.00</b>		
	Reimbursable Expenses						\$750.00		
	<b>Project Total</b>						<b>\$97,659.60</b>		

1 - HEE - Hillers Electrical Engineering, Inc.

2 - EEE - Energy Efficient Electric, Inc.

**ATTACHMENT -- A**

WA #49 Lake Region Water Treatment Plant -- Floridan Aquifer Production Well B

**Budget Summary - Construction**

CSI Division	Task Description	Labor Classification and Hourly Rate						Total Labor	Materials	*Sub- Contractor Services	Sub- Contractor
		PRO8	PRO6	NEO5	NEO4	NEO2	Office				
		\$63.00	\$45.00	\$36.75	\$25.20	\$18.90	\$21.00				
<b>1a</b>	<b>Temporary Facilities</b>										
	Trailer/Container Rental		8				2	\$458.00	\$2,710.00		
	Temporary Electrical		2				2	\$188.00		\$1,200.00	EEE
	Jobsite Supplies/Misc		2				2	\$188.00	\$200.00		
	Sanitary		2				2	\$132.00	\$570.00		
	Waste Hauling		2				2	\$132.00	\$1,200.00		
	<b>Subtotal Div 1a</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>\$1,098.00</b>	<b>\$4,680.00</b>	<b>\$1,200.00</b>	
<b>1b</b>	<b>General Conditions</b>										
	Construction PM		100					\$4,500.00			
	Construction Supervisor	200						\$12,600.00			
	Submittal Preparation		80				8	\$3,768.00	\$250.00		
	Site Visits/Reviews	16						\$1,008.00			
	Scheduling		40				2	\$1,842.00			
	Progress Meetings	60					2	\$3,822.00			
	BD Permit Application/Closeout	40					2	\$2,562.00			
	Equipment O&M Manuals	40					4	\$2,604.00	\$100.00		
	Startup/Puchlist	20		40	40			\$3,738.00			
	Survey	10						\$630.00		\$4,000.00	Surveyor
	<b>Subtotal Div 1b</b>	<b>386</b>	<b>220</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>18</b>	<b>\$37,074.00</b>	<b>\$350.00</b>	<b>\$4,000.00</b>	
<b>2</b>	<b>Sitework/Staging</b>										
	Site Staging/Mobilize	2		10	10			\$745.50			
	Construct Temporary Storage Pond	80	48	400	200			\$26,940.00	\$500.00		
	Place Temporary Traffic Plates	4		8	8			\$747.60	\$2,500.00		
	Relocate Overhead Electric	8			8			\$705.60	\$500.00	\$30,000.00	EE <sup>2</sup>
	<b>Prepare well site</b>										
	Demuck/Backfill, Muck Disposed of on site (300 CY)	10						\$630.00		\$5,820.00	
	Pavement	10						\$630.00		\$12,000.00	
	Fence	10						\$630.00		\$6,500.00	
	Sod	10						\$630.00		\$2,200.00	
	Cleanup	20		50	50			\$4,357.50			
	<b>12" RW Pipeline</b>										
	Excavate/Compaction/Backfill	16		30	30	30		\$3,433.50	\$430.00		
	Dewater	10		20	20	20		\$2,247.00	\$1,600.00		
	30" x 12" tapping saddle, test & tap 30" RW Main	10		10	10	10		\$1,438.50		\$7,875.00	
	Fusion							\$0.00		\$1,000.00	
	HDPE SDR 13.5 (80)	10		10	10	10		\$1,438.50	\$3,600.00		
	HDPE 45 (4)							\$0.00	\$2,000.00		
	HDPE 90 (1)							\$0.00	\$520.00		
	Flange Adapter w/ backup ring							\$0.00	\$1,410.00		
	MJ Adapter							\$0.00	\$1,670.00		
	Drill New Well	10						\$630.00		\$570,000.00	Driller
	<b>Subtotal Div 2</b>	<b>210</b>	<b>48</b>	<b>538</b>	<b>346</b>	<b>70</b>	<b>0</b>	<b>\$45,203.70</b>	<b>\$14,730.00</b>	<b>\$635,195.00</b>	
<b>3</b>	<b>Concrete</b>										
	Form Well Collar			30	30	30		\$2,425.50	\$320.00		
	Pour Collar (8 CY)			10	10	10		\$808.50	\$1,300.00		
	Form Well Pad			40	40	40		\$3,234.00	\$530.00		
	Pour Well Pad (20 CY)			10	10	10		\$808.50	\$3,200.00		
	<b>Subtotal Div 3</b>	<b>0</b>	<b>0</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>0</b>	<b>\$7,276.50</b>	<b>\$5,350.00</b>	<b>\$0.00</b>	
<b>4</b>	<b>Building Modification</b>										
								\$0.00			
	<b>Subtotal Div 4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>5</b>	<b>Miscellaneous Metals/Supp/Fstnrs</b>										
	SS Pipe Stands, Unistrut and Misc Metals			40	40	40	2	\$3,276.00	\$5,325.00		
	Sun Shield/Overhang			40	40	40	2	\$3,276.00	\$9,000.00		
	<b>Subtotal Div 5</b>	<b>0</b>	<b>0</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>4</b>	<b>\$6,552.00</b>	<b>\$14,325.00</b>	<b>\$0.00</b>	



**ATTACHMENT - A**

WA #49 Lake Region Water Treatment Plant - Floridan Aquifer Production Well 8

**Budget Summary - Construction**

CSI Division	Task Description	Labor Classification and Hourly Rate						Total Labor	Materials	*Sub-Contractor Services	Sub-Contractor
		PRO8	PRO6	NEO5	NEO4	NEO2	Office				
		\$63.00	\$45.00	\$36.75	\$25.20	\$18.90	\$21.00				
<b>9</b>	<b>Finishes</b>										
	Labels				10	10		\$441.00	\$500.00		
	Coatings: Shield & PVC Pipe				10	10		\$441.00	\$215.00		
	<b>Subtotal Div 9</b>	0	0	0	20	20	0	<b>\$882.00</b>	<b>\$715.00</b>	<b>\$0.00</b>	
<b>11</b>	<b>Equipment</b>										
	Install Owner supplied Pump w/ 40' Certa-Lok	10						\$630.00		\$7,500.00	Driller
								\$0.00			
	<b>Subtotal Div 11</b>	10	0	0	0	0	0	<b>\$630.00</b>	<b>\$0.00</b>	<b>\$7,500.00</b>	
<b>13</b>	<b>I&amp;C</b>										
	Pressure Guages, XMTR, Accessories							\$0.00	\$5,000.00		
	8" Magmeter							\$0.00	\$7,000.00		
	Level sensor							\$0.00	\$4,000.00		
	Programming							\$0.00		\$15,000.00	HEE <sup>1</sup>
	<b>Subtotal Div 13</b>	0	0	0	0	0	0	<b>\$0.00</b>	<b>\$16,000.00</b>	<b>\$15,000.00</b>	
<b>15</b>	<b>Mechanical</b>										
	8" SS Well Head	20		80	80	80		\$7,728.00	\$10,650.00		
	8" 316 SS Check Valve							\$0.00	\$1,920.00		
	8" 316 SS BfV							\$0.00	\$1,278.00		
	8" 316 SS BfV							\$0.00	\$1,065.00		
	Hardware 316 SS Bolt kits							\$0.00	\$665.80		
	<b>Subtotal Div 15</b>	20	0	80	80	80	0	<b>\$7,728.00</b>	<b>\$15,578.80</b>	<b>\$0.00</b>	
<b>16</b>	<b>Electrical</b>										
	Electical Subcontractor	10						\$0.00	\$0.00	\$150,000.00	EE <sup>2</sup>
								\$0.00	\$0.00		
	<b>Subtotal Div 16</b>	10	0	0	0	0	0	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$150,000.00</b>	
<b>18</b>	<b>Heavy/Rental Equipment</b>										
	Lull		2				2	\$132.00	\$1,450.00		
	Excavator		2				2	\$132.00	\$7,600.00		
	Excavator - 330		2				2	\$132.00	\$9,269.66		
	Plate Compactor		2				2	\$132.00	\$947.00		
	Loader		2				2	\$132.00	\$3,800.00		
	Skid Steer		2				2	\$132.00	\$4,000.00		
	Dozer		2				2	\$132.00	\$4,670.19		
	Off road dump trucks		2				2	\$132.00	\$7,368.55		
	Fuel							\$0.00	\$17,250.00		
	Miscellaneous Tools/Consumables							\$0.00	\$1,000.00		
	<b>Subtotal Div 18</b>	0	16	0	0	0	16	<b>\$1,056.00</b>	<b>\$67,355.39</b>	<b>\$0.00</b>	
	<b>SUBTOTALS:</b>							<b>\$107,500.20</b>	<b>\$129,084.20</b>	<b>\$612,895.00</b>	
	<b>Labor @ Markup (1.36x1.084x1.15)</b>							<b>\$182,253.26</b>			
	<b>Materials @ Markup (1.15)</b>								<b>\$148,446.83</b>		
	<b>Subcontract Services @ Markup (1.1)</b>									<b>\$894,184.50</b>	
	<b>PROJECT CONSTRUCTION SUBTOTAL</b>									<b>\$1,224,884.59</b>	
	<b>PBC WUD Allowance (on construction)</b>									<b>\$108,573.46</b>	
	Engineering									<b>\$97,659.60</b>	
	<b>PROJECT SUBTOTAL:</b>									<b>\$1,431,117.65</b>	
	<b>Construction Bonding (2%)</b>									<b>\$28,622.35</b>	
	<b>PROJECT TOTAL</b>									<b>\$1,459,740.00</b>	

# 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>Services</u>	<u>Substantial Completion</u> <sup>(1)</sup>	<u>Final Completion</u> <sup>(1)</sup>
Design Services	75 days	90 days
Permitting		135 days
Procurement		165 days
Construction	335 days	365 days

<sup>(1)</sup> Completion times do not include time required for permitting.

**ATTACHMENT C**

**SCHEDULE #1**

**LIST OF PROPOSED SBE-M/WBE PRIME AND/OR SUBCONTRACTOR PARTICIPATION**

PROJECT NAME: Lake Region Water Treatment Plant - Floridan Aquifer Production Well 8 PROJECT NUMBER OR BID NUMBER: WUD 11-113

NAME OF PRIME BIDDER: Globaltech, Inc. ADDRESS: 1075 Broken Sound Parkway NW, Suite 103, Boca Raton, FL 33487

CONTACT PERSON: Paul Gandy, P.E. PHONE NO. 561-997-6433 FAX NO. 561-997-5811

BID OPENING DATE: \_\_\_\_\_ USER DEPARTMENT: \_\_\_\_\_

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH THE BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE-M/WBE SUBCONTRACTORS ON THIS PROJECT. IF THE PRIME IS AN SBE-M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIM ON THIS PROJECT .

Name, Address, Telephone Number of SBE-W/MBE Contractor	(Check one or both Categories)		Dollar Amount				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
Globaltech, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$ -	\$ -	\$ -	\$ 616,845.00	\$ -
Hillers Electrical Engineering, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ 41,000.00	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL:			\$ -	\$ 41,000.00	\$ -	\$ 616,845.00	\$ -

TOTAL BID PRICE: \$1,459,740.00

Total Value of SBE-M/WBE Participation Dollar Amount or Percentage of Work: \$ 657,845.00

- NOTE:
1. The amount listed on this form for a Subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal 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 a SBE and M/WBE, please indicate the dollar amount or percentage under the appropriate category.
  3. M/WBE information is being collected for tacking puposes only.

**ATTACHMENT C**

**SCHEDULE 2**

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

PROJECT NO. WUD 11-113 PROJECT NAME: Lake Region Water Treatment Plant – Floridan Aquifer Production Well 8

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

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

Date of Palm Beach County Certification: September 28, 2009

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>E1</u>	<u>Electrical Design</u>	<u>1</u>	<u>\$15,000</u>	<u>\$15,000</u>
<u>E2</u>	<u>Services During Construction</u>	<u>1</u>	<u>\$11,000</u>	<u>\$11,000</u>
<u>C13</u>	<u>PLC Programming</u>	<u>1</u>	<u>\$15,000</u>	<u>\$15,000</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Hillers Electrical Engineering will prepare design drawings for electrical and I&C improvements to the Lake Region Water Treatment Plant – Floridan Aquifer Production Well 8. HEE will provide assistance during project startup and will provide record drawings that reflect electrical and I&C improvements. Hillers Electrical will provide programming of PLC during project startup.

at the following price and not to exceed: \$41,000 (Forty one thousand 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: \$ -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 Engineers, Inc.  
(Print Name of SBE-M/WBE Subcontractor)

By:   
(Signature)

Paul Hillers, P.E. / President  
(Print name/title of person executing on behalf of SBE-M/WBE Subcontractor)

Date: June 3, 2011

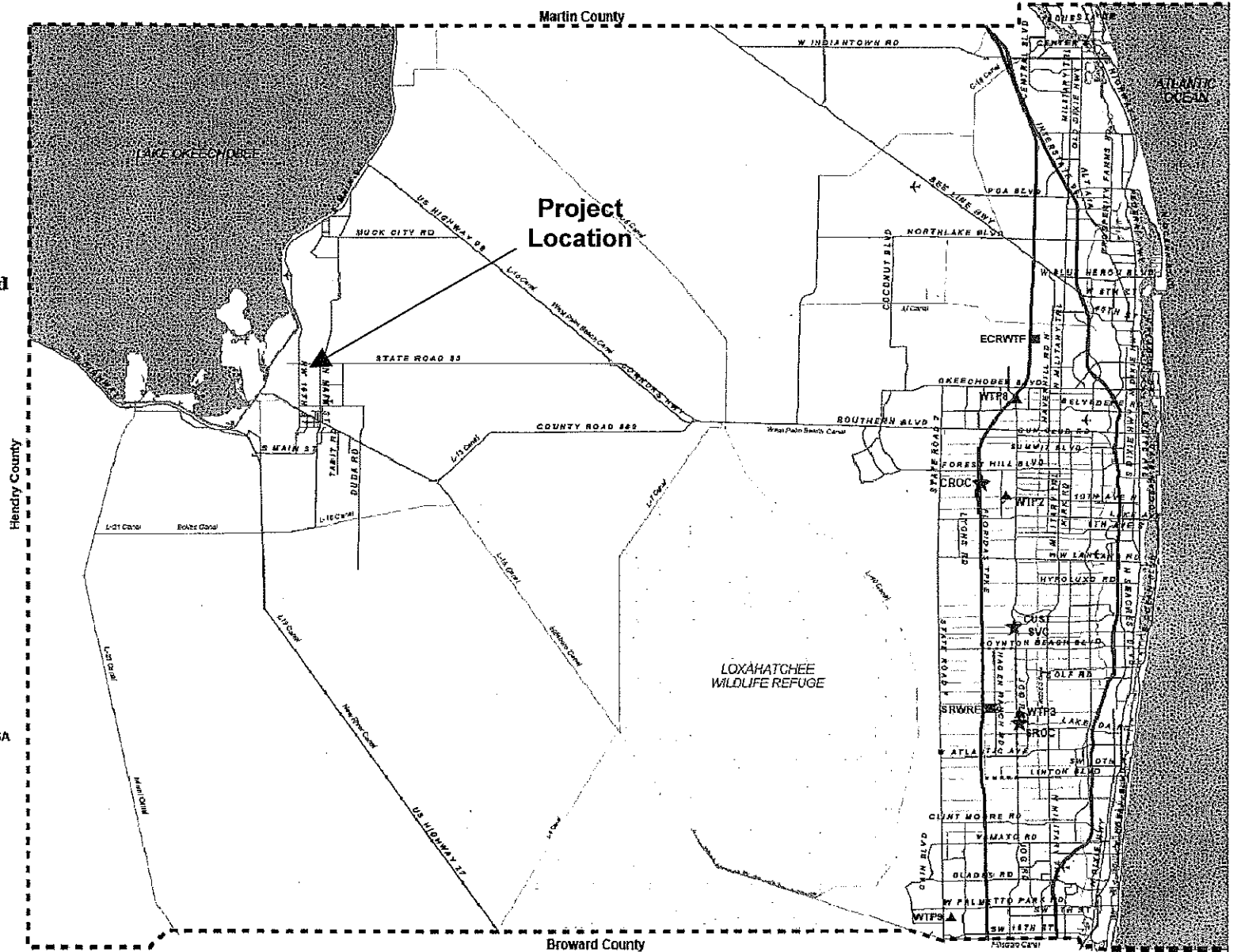
Attachment D – Location Map



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

Legend

- P.B.C.W.U.D. SA
- - - MANDATORY RECLAIMED SA
- - - COUNTY LIMITS
- ★ Administration
- Water Reclamation Plant
- ▲ Water Treatment Plant
- ⊙ Wetlands



## EXHIBIT - B

### AUTHORIZATION STATUS REPORT June 3, 2011 (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
CSA-7	Lift Station 5229 Evaluation	Approved	\$30,689.00	3/12/2010	10-032	GT 10-20-186
CSA-8	WTP 3 / SROC DIW Blending	Approved	\$48,858.00	2/14/2010	09-059	GT 10-20-184
CSA-8.1	WTP 3 / SROC DIW Blending - Supplement 1	Approved	\$47,070.00	10/05/2010	09-059	GT 10-20-184
CSA-8.2	WTP 3 / SROC DIW Blending - Supplement 2	Approved	\$24,475.00	4/15/2011	09-059	GT 10-20-184
CSA-9	Pahokee WWTP NaOCl Preliminary Dsgn Report	Approved	\$16,698.00	11/02/2010	11-045	GT 10-20-208
CSA-10	West Canal Street South Belle Glade Water Main	Approved	\$22,000.00	9/28/2010	11-007	GT 10-20-202
CSA-11	WTP 2 Transfer Pumps	Pending			11-107	
CSA-12	WTP 8 Sodium Hypochlorite Improvements	Approved	\$44,290.00	12/20/2010	09-005	GT 10-20-225
CSA-13	WTP 8 Elevated Walkway	Approved	\$15,969.00	4/13/2011	11-089	
CSA-13.1	WTP 8 Elevated Walkway - Supplement 1	Approved	-\$15,969.00	5/20/2011	11-089	
CSA-14	WTP 3 Groundwater Rule Improvements	Approved	\$46,210.00	3/10/2011	10-034	GT 11-20-241
Total CSAs			\$563,651.00			

## EXHIBIT - B

### AUTHORIZATION STATUS REPORT June 3, 2011 (CONTINUED)

#### SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
	<b>Work Authorizations</b>					
WA-1	WTP 3, 9, & SRWRF Hypochlorite I&C Improv.	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-2.1	WTP 2 SCADA Tower Supplement 1	Approved	\$4,599.00	8/3/2009	08-071	GT 09-20-148
WA-2.2	WTP 2 SCADA Tower Supplement 2	Approved	\$2,373.00	9/21/2009	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	Approved	\$550,336.00	8/18/2009	09-041	GT 09-20-168
WA-4.1	South Bay Pump Station - Supplement 1	Approved	\$0.00	9/14/2010	09-041	GT 09-20-168
WA-5	Pahokee WWTP MCC Replacement	Approved	\$192,625.00	5/06/2009	09-039	GT 09-20-155
WA-6	Belle Glade WWTP Grit Removal	Approved	\$235,567.00	9/15/2009	09-040	GT 09-20-171
WA-7	Lake Region Hypochlorite Improvements	Approved	\$137,559.00	7/8/2009	03-169	GT 09-20-167
WA-8	WTP 8 Hypochlorite Improvements	Approved	\$116,443.00	12/16/2009	09-005	GT 09-20-183
WA-9	WTP Wellfield Recharge - Riverbridge			NA	05-072	NA
WA-10	WTP 10 Membrane Improvements	Approved	\$278,654.00	6/16/2009	08-074	GT 09-20-164
WA-11	Southwest Boca Diversion Pump Stations	Approved	\$164,056.00	8/19/2009	04-218	GT 09-20-172
WA-11.1	SW Boca Diversion PS - Supplement 1	Approved	\$0.00	9/14/2010	04-218	GT 09-20-172
WA-12	WTP 2 Backwash Pump Station	Approved	\$190,000.00	4/28/2009	07-134	GT 09-20-156
WA-12.1	WTP 2 Backwash Pump Station - Supplement 1	Approved	\$9,338.00		07-134	GT 09-20-156
WA-12.2	WTP 2 Backwash Pump Station - Supplement 2	Approved	\$21,339.00	2/17/2010	07-134	GT 09-20-156
WA-12.3	WTP 2 Backwash Pump Station - Supplement 3	Approved	\$63,093.00	2/25/2010	07-134	GT 09-20-156
WA-13	Beeline Rechloramination Facility - 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 09-20-157
WA-15	Hillsboro Wells Level Transmitter Wiring	Approved	\$36,751.00	6/16/2009	09-064	GT 09-20-165
WA-16	Beeline CDC Line Stop at Innovation Drive	Approved	\$13,379.20	4/1/2009	08-083	GT 09-20-154
WA-16.1	Electrical Service for KOB Lift Station	Approved	\$12,182.00	5/20/2009	08-083	GT 09-20-158
WA-17	WTP 3 - Ammonia Piping Modifications	Approved	\$10,207.00	6/16/2009	09-063	GT 09-20-163
WA-18	WTP 10 Train B Membrane Replacement	Approved	\$15,615.00	6/16/2009	09-062	GT 09-20-166
WA-19	WTP 10 Train A Membrane Replacement	Approved	\$14,023.00	9/24/2009	09-077	GT 09-20-174
WA-20	WTP 8 Ferric Chloride System	Approved	\$352,365.00	11/17/2009	07-114	GT 09-20-175
WA-20.1	WTP 8 Ferric Chloride System - Supplement 1	Approved	\$0.00	9/14/2010	07-114	GT 09-20-175
WA-21	Lift Station 5229 Improvements	Pending				
WA-22	Belle Glade Hypochlorite Improvements	Pending				
WA-23	Pahokee Hypochlorite Improvements	Approved	\$183,302.00	1/26/2011	11-045	GT 11-20-218
WA-24	Belle Glade DIW MIT	Approved	\$47,637.00	3/25/2010	10-001	GT 10-20-188
WA-25	WTP 3 Ground Water Rule Improvements	Pending				
WA-26	WTP 9 Ground Water Rule Improvements	Approved	\$156,101.00	1/12/2011	10-036	GT 10-20-226
WA-27	WTP 8 Ground Water Rule Improvements	Approved	\$146,100.00	2/02/2011	10-035	GT 10-20-231
WA-28	WTP 11 Ground Water Rule Improvements			NA	NA	NA
WA-29	Belle Glade Deep Injection Well			NA	NA	NA
WA-30	WTP 3 Acid Piping Replacement	Approved	\$59,432.00	5/3/2010	10-043	GT 10-20-193
WA-31	WTP 2 Ground Water Rule Improvements	Approved	\$89,369.00	4/22/2010	10-033	GT 10-20-190
WA-32	WTP 3 Degassifier Permeat Inlet Repair	Approved	\$25,000.00	3/29/2010	10-044	GT 10-20-189
WA-33	WTP 8 Filters 2 & 3 Media Replacement	Approved	\$180,800.00	7/28/2010	10-066	GT 10-20-196
WA-33.1	WTP 8 Filters 1 Media Replacement	Approved	\$88,328.00	2/01/2011	10-066	GT 10-20-196
WA-34	WTP 2 Fuel Tank Replacement	Approved	\$99,989.00	8/05/2010	10-053	GT 10-20-199
WA-34.1	WTP 2 Fuel Tank Replacement - Supplement 1	Approved	\$18,768.00	12/29/2010	10-053	GT 10-20-199
WA-35	WTP 3 Valve Replacement & Degassifier Repair	Approved	\$43,858.00	8/25/2010	10-074	GT 10-20-201
WA-36	Distribution System WQ Monitoring Construction	Approved	\$149,995.00	10/06/2010	10-072	GT 10-20-213
WA-37	Belle Glade WWTP Digester Stairs	Approved	\$60,982.00	11/22/2010	11-048	GT 10-20-220
WA-38	WTP 3 Diesel Fuel Tank	Approved	\$249,823.00	2/02/2011	09-004	GT 10-20-222
WA-39	Lake Region WTP Degass. Packing Replacement	Approved	\$114,585.00	1/26/2011	11-058	GT 10-20-227
WA-40	Lake Region Well No. 4 - Motor Replacement	Approved	\$24,850.00	1/24/2011	11-062	GT 10-20-232

## EXHIBIT - B

### AUTHORIZATION STATUS REPORT June 3, 2011 (CONTINUED)

#### SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
WA-40.1	Lake Region Well No. 4 - Supplement 1	Approved	\$64,467.00	5/12/2011	11-062	GT 10-20-232
WA-41	SROC DIW Blending Modifications	Pending			09-059	GT 10-20-224
WA-42	SRWRF Digester Piping	Approved	\$145,818.00	2/16/2011	11-063	GT 10-20-227
WA-43	Belle Glade WWTP Transfer Line Valve Install.	Approved	\$26,673.00	3/25/2011	11-083	GT 11-20-217
WA-44	Belle Glade WWTP Control Bldg Gutter Replace.	Pending			11-064	
WA-45	WTP 8 Elevated Walkway	Approved	\$118,548.00	4/20/2011	11-089	GT 11-20-215
WA-46	Lake Region Well No. 3 - Pump Modification	Approved	\$98,000.00	5/12/2011	11-088	
WA-47	SRPF Membrane Concentrate Bypass	Pending			11-108	
WA-48	LR WTP Well Pump Conversions	Pending			11-XXX	
WA-49	LR WTP Floridan Aquifer Production Well 8	Pending	\$1,459,740.00		11-XXX	
WA-50	LR WTP RO Skid Energy Recoverer System Imp.	Pending			11-XXX	
	Total WAs		\$7,036,644.20			
	Total CSAs + WAs		\$7,600,295.20			



Date: June 3, 2011

## EXHIBIT - C

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

(CONTINUED)

SUMMARY AND STATUS OF  
SBE / MINORITY BUSINESS TRACKING SYSTEM  
WA 49 - Lake Region WTP Floridan Aquifer Production Well 8

	Total
<b>Current Proposal</b>	
Value of Consultant Service Authorization	\$0.00
Value of Work Authorization	\$1,459,740.00
Value of CSA and WA	\$1,459,740.00
Value of SBE Minority Letter of Intent	\$657,845.00
Actual Percentages	45.06%
<b>Signed / Approved Authorizations</b>	
Total Value of Approved Consultant Service Authorization	\$563,651.00
Total Value of Approved Work Authorization	\$5,576,904.20
Total Value of CSAs and WAs	\$6,140,555.20
Total Value of SBE Signed Subcontracts	\$4,777,682.20
Actual Percentages	77.80%
<b>Signed Authorizations Plus Current Proposal</b>	
Total Value of Approved CSAs Plus Current CSA Proposal	\$563,651.00
Total Value of Approved WAs Plus Current WA Proposal	\$7,036,644.20
Total Value of Approved and Proposed CSAs and WAs	\$7,600,295.20
Total Value of SBE Subcontracts and Letters of Intent	\$5,435,527.20
Actual Percentages	71.51%
<b>GOAL</b>	75%

WORK AUTHORIZATION NO. 50

Project No. WUD 11-114

Budget Line Item No. 4011-721-W026-6541

Project Title: **Lake Region Water Treatment Plant RO Skid  
Energy Recovery System Improvements**

District No.: 6

**THIS AUTHORIZATION No. 50**, 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 Work Authorization includes 81.71% overall participation. The cumulative SBE participation, including this authorization is 78.69% overall.

1. DESIGN-BUILD ENTITY: **Globaltech, Inc.**
2. ADDRESS: **1075 Broken Sound Pkwy NW, Suite 103, Boca Raton, FL33487**
3. Description of Services to be provided by the Design-Build Entity:

**Provide for the installation of energy recovery devices (ERDs) and associated improvements for the four existing reverse osmosis (RO) skids at the Lake Region Water Treatment Plant. ERDs are required due to raw water quality decline in the Floridan Aquifer wells so that the existing RO skid feed pumps can remain viable, enhance RO skid performance and accommodate treatment of the declining wellfield water quality, save energy, and reduce power costs. Pre-design, final design, health department permitting, building permitting, and construction for the ERDs and associated improvements are included.**

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. Not to Exceed Price of \$ N/A
  - C. Guaranteed Maximum Price of \$ 1,799,365.

PROJECT NO. WUD 11-114

AUTHORIZATION NO. 50

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: \_\_\_\_\_  
Karen Marcus, Chair

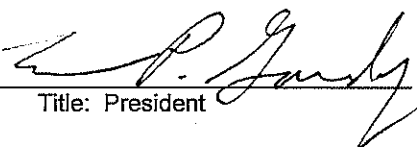
APPROVED AS TO FORM AND LEGAL  
SUFFICIENCY

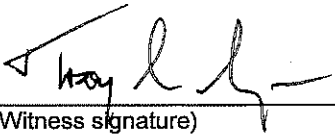
APPROVED AS TO TERMS AND  
CONDITIONS

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

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

GLOBALTECH, INC.

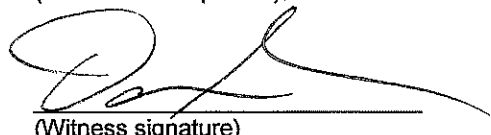
By:   
Title: President

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

Florida  
\_\_\_\_\_  
(Insert state of corporation)

- Troy L. Lyn  
\_\_\_\_\_  
(Witness name printed)

June 3, 2011  
\_\_\_\_\_  
(Date of execution)

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

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

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

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

(Corporate Seal)

## EXHIBIT A

### WORK AUTHORIZATION NO. 50

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

#### SCOPE OF WORK FOR LAKE REGION WTP RO SKID ENERGY RECOVERY SYSTEM IMPROVEMENTS DESIGN BUILD SERVICES

### 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 pre-design, final design, building permitting and construction of ERDs, associated RO skid improvements, and RO Plant improvements at the Lake Region WTP. ERDs are required due to raw water quality decline in the Floridan Aquifer wells so that the existing RO skid feed pumps can remain viable, enhance RO skid performance, save energy, and reduce power costs. The intent of adding the ERDs is to return the skids to their original capacity of 2.375 mgd per skid assuming the composite raw water TDS is below 6,300 mg/L. A small blend system is also to be added to new well PW-8 with the intent of providing raw water blending assuming the raw water TDS from the well is below 2,500 mg/L. Additional funds may be necessary should the water quality be in excess of these valves. A predesign report will be prepared early in the project to refine the treatment requirements.

This scope of services assumes that inter-stage boost with energy recovery will be implemented for the existing four (4) RO trains in order to maintain design recovery of 80% and reduced production rate of 2.375 mgd from each RO skid. Additional membrane vessels and elements are anticipated to be required to increase the original skid configuration from 38 x 19 to 40 x 20 to increase treatment capacity with the declining water quality. The following guidelines are established as a basis for design and for continued operation of the membrane system given the current and anticipated decline in raw water quality levels.

- 2.0 mgd permeate capacity (each RO skid)
- 80% recovery
- 2-stage array, 40 x 20 x 7 element
- 300 psi maximum feed pressure, 400 psi max interstage feed pressure
- < 6,300 mg/l total dissolve solids

Anticipated work generally includes the following:

- Prepare a pre-design report to recommend an ERD and describe the structural, mechanical, electrical, and instrumentation/control (I&C) work required for installation. The pre-design report effort shall evaluate ERDs and identify miscellaneous RO skid improvements that will also be needed to improve the operation of the RO skids.
- Prepare a Palm Beach County Health Department (PBCHD) permit application using the pre-design report.
- Installation of four energy recovery turbines – one for each existing RO skid. RO skid piping shall be added/modified to accommodate each new energy recovery turbine. The energy recovery turbines are to be mounted on new concrete bases.
- Replacement/addition of skid instrumentation (i.e. pressure gauges) to better monitor the new operating condition using the energy recovery turbine and declining water quality.
- Replacement of control valves (first stage permeate throttling valves and concentrate valves) with smaller valves and modification of associated piping to provide better flow control on each skid.
- Modification of skid cleaning piping connections to remove prohibited direct connection from skid to cleaning system and the replacement of lower rated pressure connection/pipe with higher pressure rated connection/pipe.
- Miscellaneous RO Skid and RO Plant improvements
- Addition of raw water blend bypass line with check valve, flow meter, and modulating valve to provide blend water from proposed PW-8 which is to be located on the RO Plant site to the existing raw blend system.
- Startup and testing of the new components/equipment.

All work shall comply with all County and Building Department standards and shall conform to the Palm Beach County Manual of Minimum Engineering Standards and Palm Beach County – Water Utilities Department Design Standards.

Project development and determination of the Final GMP will be in accordance with Article 18 B, C, and D of the Contract. No construction work onsite will begin prior to obtaining the required permits.

### **Description of Services**

#### **Task 1 – Engineering Services: Pre-Design Report**

##### **A. Evaluation of ERD's**

1. Assemble raw water quality data from PBCWUD and develop composite projection of anticipated raw water quality. Use as basis of design for future water quality decline.
2. Perform evaluation of interstage boost options and energy recovery devices which are most suitable for existing RO skids. Other options consisting of

turbine boost with and without motor assist, and alternate turbocharger units will be investigated and reviewed for applicability for this facility.

3. Conduct membrane projections for current and degraded water quality and RO skid operating conditions, considering ERD for interstage boost. Develop design and operating conditions for ERD for each RO skid, considering decline in raw water quality.
4. Evaluate ability of existing skid piping and appurtenances to accommodate interstage boost pressure.
5. Prepare pre-design criteria and specifications for ERDs.

**B. Pre-Design Report Preparation**

1. Prepare preliminary layout and elevation drawings of proposed ERD installation and piping configuration, consisting of 60% drawings of ERD installation and piping modifications necessary for implementation of ERD.
2. Prepare preliminary process instrumentation diagram of ERD improvements, consisting of control valves, monitoring, PLC/HMI interface, and changes to interstage, concentrate, and cleaning piping.
3. Prepare operating description of RO skids with ERD implementation, consisting of logic description, alarm list, and guidelines.
4. Prepare technical specifications for equipment, material, and components.
5. Prepare list of short-term improvements and operational adjustments to the RO skids for GUA operations staff to implement immediately.
6. Prepare scope of work for other RO skid improvements which need to be completed during the installation of the ERD retrofit.
7. Prepare report summarizing all of the elements included in the ERD evaluation, attend review meeting with PBC staff, and finalize report.

**Task 2 – Engineering Services: Final Design**

- A. Final Design: Obtain and review existing record drawings, skid drawings and submittals. Prepare plans consisting of mechanical piping, electrical and I&C design details. It is anticipated that the final design will consist of the following.

1. Mechanical Drawings
  - a. Process Flow Diagram
  - b. Membrane Train Room Mechanical Plan
  - c. Membrane Train Plan and Section
  - d. Details (2 sheets)
2. Electrical and I&C Drawings
  - a. Membrane Train Room Electrical Plan
  - b. Device Power Plan
  - c. Process and Instrumentation Diagram
  - d. Panel Schedule
  - e. Electrical Details

3. Logic descriptions to incorporate turbine operation with skid operation and alarm conditions.
- B. Site Visits: Perform field measurements and discuss application with staff.
  - C. Design Review Meetings: Conduct two review meetings to review final design with staff.
  - D. GMP Cost Estimate Adjustment: Obtain independent cost estimates for fabrication of piping modification and any other major vendor items and work of subcontractors not self-performed by members of the approved Globaltech Team. Adjust GMP based on quotations and update cost for self performing work and GMP fees. Adjustments to Owner's contingency fund shall be in accordance with Article 18C of the Contract.
  - E. Prepare final design plans and submit building permit application packages as required.

#### Task 3 – Engineering Services: PBCHD Permitting

- A. Assist County in acquiring appropriate environmental permits. All permit fees to be paid by County.
- B. Prepare and submit on behalf of the PBCWUD, PBCHD permit application with Pre-Design Report.
- C. Prepare response to PBCHD request for information for the ERD improvements, if required.

#### Task 4 – Construction Services

For cost estimating purposes, the installation of energy recovery turbine without motor assist is assumed for installation based on a very cursory review. Should the pre-design evaluation determine a different ERD is better suited for the application, cost adjustment shall be negotiated with the OWNER.

The following construction services are specific to this project and may be in addition to the requirements of Article 18 B and C of the Contract:

- A. Schedule meetings, inspections, and testing with County and WTP staff
- B. Obtain building permit, as required. All permit fees to be paid by County.
- C. Prepare detailed construction schedule to include as a minimum; site mobilization, detailed construction activities and equipment/material delivery times, work phasing, and skid downtime dates and duration.
- D. Prepare submittals (or confirmation of compliance with PBCWUD design standards), administer and track submittal process.
- E. Establish staging areas with GUA Lake Region WTP staff, mobilize to facilities.
- F. RO Skid Modification:



1. Provide and install energy recovery turbine and associated piping connections. Pour concrete base for turbine. Mount energy recovery turbine on concrete base. Install fabricated 316 SS sch 10 piping between energy recovery turbine and skid and interconnections of first and second stage piping.
  2. Provide and install three pressure vessels and 21 membranes for each of the four skids.
  3. Provide and install smaller first stage permeate throttling valve and different type concentrate valve. Modify piping to accommodate new valves.
  4. Pressure test new pipe, disinfect, and bacteriologically clear pipes.
  5. Install instrumentation devices and tubing, modify field panels and replace existing devices which are not scaled properly for operating protocol. The following instrumentation is anticipated to be added to each train:
    - Two (2) conductivity probes on 1<sup>st</sup> and 2<sup>nd</sup> stage permeate on each RO skid.
    - Six (6) pressure gauges
    - Two (2) pressure transmitters
    - 316 Stainless Steel (SS) tubing and isolation cocks to remote mounted devices.
  6. Route conduits and conductors between field panels and PLC in Skid RIO panel.
  7. Startup skids and conduct functional testing.
  8. Modifications are to be done on each of the four RO skids. Only one RO skid shall be taken off line at a time to minimize impact to water production.
- G. Modify programming of each RO Skid. HMI screen changes are assumed to be conducted by Owner with assistance from Globaltech programmer.
- H. Raw Water Blend Modifications:
1. Install 6" pipe line from PW-8 to existing raw water blend system.
  2. Install new check valve, flow meter, and modulating valve at PW-8 to control flow to existing raw water blend system.
- I. Modifications to the RO Plant include:
- Change of feed water Victaulic coupling with higher rated Victaulic coupling for each train
  - Addition of one (1) conductivity prove on the combined total concentrate line
  - Addition of one (1) conductivity probe on the combined total permeate line
  - Replacement of steel bolts on RO skids with stainless steel bolts.
  - Replacement of large PVC ball vales on scrubber recirculation lien with wafer style butterfly valves.
  - Installation of position switch on each skid for feed isolation valve (CV-1245) to alarm to SCADA system when open when train is off.

- Replace permeate pressure relief valves on total permeate pipes with rupture discs.
- Remove automatic air release valves on top of train with manual air valves at ground level.
- Provide a spare base and remote radio for well communications.
- Relocate low pressure switches on the feed pumps to the upstream side of the isolation valves.
- Add sump pump to generator enclosure to limit potential flooding.
- Add pump seal water with RPZ to scrubber recirculation pumps.
- Install pipe supports to scrubber recirculation piping where needed.
- Install piping to provide untreated permeate to fill the membrane cleaning tanks using permeate the cleaning return piping.
- Install level sensors on each spent membrane cleaning tanks with local and remote readout.
- Install caustic feed line from caustic feed pump room to chemical mixing tank of membrane cleaning system.
- Install open/close automatic isolation valves on raw water acid injectors.
- Install a new (3<sup>rd</sup>) acid metering pump to provide redundancy.
- Interconnect caustic piping so that the two other existing caustic metering pumps can be used to provide redundancy.
- Add flow pacing to ammonia feed system.
- Add limit switch to injection well shut-in valve.
- Replace doors on fluoride pump skid with see through doors.
- Support site glass of caustic bulk tank.
- Replace existing acid storage system desiccant dryer with larger desiccant dryer or add a second desiccant dryer.
- Install inlet screen in door of blower housings.
- Install acid feed piping to permeate prior to degasification.
- Install Calflo diffuser for lime slurry in clearwell.
- Raise containment wall of fluoride storage area.

J. Cleanup work area and demobilize from site.

K. Prepare record drawings for owner.

#### **ASSUMPTIONS**

1. County to pay for all permits.
2. County will review estimate and make final decision pertaining to equipment and elements of construction that will impact Guaranteed Maximum Price.

3. The project will be designed in accordance with the Palm Beach County Water Utilities Department Manual of Minimum Engineering Standards.
4. County will provide the following:
  - a. Copies of all existing record drawings, submittals, equipment cut sheets, O&Ms, and programming/SCADA interface information as may be required to coordinate and complete this scope of services..
  - b. Provide review comments within 10 working days.
  - c. Access to project site to conduct site visits.
5. It is assumed that there are necessary power and control capabilities within the existing infrastructure to power and operate the new devices.
6. Cost estimates will be obtained for major mechanical components.
7. A 10-percent construction allowance is included in the project budget.
8. Liquidated Damages may be assessed at a rate of \$1000 per day up to Substantial Completion and \$500 per day from Substantial Completion until Final Completion.

#### **COMPENSATION**

Compensation for Work Authorization No. 50 will be on a Guaranteed Maximum Price (GMP) basis and shall not exceed the Amount (inclusive of allowances) of \$ 1,799,365. Attachment A provides the cost basis of the initial GMP. An Adjusted GMP shall be prepared following the design completion as described in Task 1.4 above. All cost savings for the not-to-exceed value of the GMP shall be returned to PBC as part of the net aggregate saving when final accounting is submitted upon Final Completion of the Work, or at such earlier time as agreed to by the County and Globaltech as described in the CONTRACT.

#### **SCHEDULE**

The milestone completion schedule is provided in Attachment B. A detailed construction activity schedule will be provided under Task 2.1 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 Schedule 1**

**ATTACHMENT – D**

**Location Map**

**PUBLIC CONSTRUCTION BOND**

BOND NUMBER: \_\_\_\_\_

BOND AMOUNT: \$1,799,365.00

CONTRACT AMOUNT: \$1,799,365.00

CONTRACTOR'S NAME: Globaltech, Inc.

CONTRACTOR'S ADDRESS: 1075 Broken Sound Parkway, NW  
Suite #103  
Boca Raton, FL 33487

CONTRACTOR'S PHONE: 561-997-6433

SURETY COMPANY: First Sealord Surety, Inc.

SURETY'S ADDRESS: 4901 17<sup>th</sup> Way #304  
Ft. Lauderdale, FL 33309

OWNER'S NAME: PALM BEACH COUNTY

OWNER'S ADDRESS: 8100 Forest Hill Boulevard (P. O. Box 16097)  
West Palm Beach, FL 33413

OWNER'S PHONE: (561) 493-6000

DESCRIPTION OF WORK: Construction of Lake Region WTP RO Skid Energy Recovery  
System Improvements

PROJECT LOCATION: 39700 Hooker Highway, Belle Glade, FL 33430

LEGAL DESCRIPTION: 39700 Hooker Highway, Belle Glade, FL 33430

**PUBLIC CONSTRUCTION BOND**

This Bond is issued in favor of the County conditioned on the full and faithful performance of the Contract.

KNOW ALL MEN BY THESE PRESENTS: that Contractor and Surety, are held and firmly bound unto

Palm Beach County Board of County Commissioners  
301 N. Olive Avenue  
West Palm Beach, Florida 33401

as Obligee, herein called County, for the use and benefit of claimant as herein below defined, in the amount of

Dollars (\$1,799,365.00)

(One million, seven hundred ninety-nine thousand, three hundred sixty-five dollars and zero cents)

for the payment whereof Principal and Surety bind themselves, their heirs, personal representatives, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS,

Principal has by written agreement dated \_\_\_\_\_, entered into a contract with the County for

Project Name: Lake Region WTP RO Skid Energy Recovery Improvements

Project No.: WUD TBD

Project Description: **This project involves the installation of a Energy Recovery Devices, Piping and Appurtenances**

Project Location: 39700 Hooker Highway, Belle Glade, FL 33430

in accordance with Design Criteria Drawings and Specifications prepared by

Name of Design Firm: Globaltech, Inc.  
Location of Firm: Boca Raton, FL 33487  
Phone: 561-997-6433  
Fax: 561-997-5811

which contract is by reference made a part hereof in its entirety, and is hereinafter referred to as the Contract.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the contract dated \_\_\_\_\_, between Principal and County for the design and construction of Lake Region WTP RO Skid Energy Recovery Improvements, the contract being made a part of this bond by reference, at the times and in the manner prescribed in the contract; and

2. Promptly makes payments to all claimants, as defined in Section 255.05, Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the contract; and

3. Pays County all losses, damages (including liquidated damages), expenses, costs, and attorneys' fees, including appellate proceedings, that County sustains because of a default by Principal under the contract; and

4. Performs the guarantee of all work and materials furnished under the contract for the time specified in the contract, then this bond is void; otherwise it remains in full force.

5. Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the contract or the changes does not affect Surety's obligation under this bond and Surety waives notice of such changes.

6. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of construction liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against the bond.

7. Principal and Surety expressly acknowledge that any and all provisions relating to consequential, delay and liquidated damages contained in the contract are expressly covered by and made a part of this Performance, Labor and Material Payment Bond. Principal and Surety acknowledge that any such provisions lie within their obligations and within the policy coverage's and limitations of this instrument.

8. Section 255.05, Florida Statutes, as amended, together with all notice and time provisions contained therein, is incorporated herein, by reference, in its entirety. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes. This instrument regardless of its form, shall be construed and deemed a statutory bond issued in accordance with Section 255.05, Florida Statutes.

9. Any action brought under this instrument shall be brought in the state court of competent jurisdiction in Palm Beach County, Florida and not elsewhere.

\_\_\_\_\_  
Witness

Principal

(Seal)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Witness

Surety

(Seal)

\_\_\_\_\_  
Title

**FORM OF GUARANTEE**

GUARANTEE FOR (Contractor and Surety Name) \_\_\_\_\_

We the undersigned hereby guarantee that the **Lake Region WTP RO Skid Energy Recovery System Improvements**, Palm Beach County, Florida, which we have constructed and bonded, has been done in accordance with the plans and specifications; that the work constructed will fulfill the requirements of the guaranties included in the Contract Documents. We agree to repair or replace any or all of our work, together with any work of others which may be damaged in so doing, that may prove to be defective in the workmanship or materials within a period of one year from the date of Substantial Completion of all of the above named work by the County of Palm Beach, State of Florida, without any expense whatsoever to said County of Palm Beach, ordinary wear and tear and unusual abuse or neglect excepted by the County. When correction work is started, it shall be carried through to completion.

In the event of our failure to acknowledge notice, and commence corrections of defective work within five (5) calendar days after being notified in writing by the Board of County Commissioners, Palm Beach County, Florida, we, collectively or separately, do hereby authorize Palm Beach County to proceed to have said defects repaired and made good at our expense and we will honor and pay the costs and charges therefore upon demand.

DATED \_\_\_\_\_  
(notice of completion filing date)

**SEAL AND NOTARIAL ACKNOWLEDGMENT OF SURETY**

Countersigned Resident Agent in Florida: \_\_\_\_\_ (Seal)  
(Contractor)

By: \_\_\_\_\_  
(Agent) (Signature)

By: \_\_\_\_\_ (Seal)  
(Signature) (Surety)

By: \_\_\_\_\_  
(Signature)

**END OF SECTION**



**ATTACHMENT - A**

**WA#50 - LAKE REGION WTP RO SKID ENERGY RECOVERY SYSTEM IMPROVEMENTS  
Budget Summary - Engineering**

Task No.	Task Description	Labor Classification and Hourly Rate					Total Labor	*Sub-Consultant Services	Sub-Contractor
		E6 \$60.00	E5 \$45.00	E3 \$30.00	T4 \$29.40	Office \$21.00			
<b>1</b>	<b>Pre-Design Report</b>								
<b>1A</b>	<b>Evaluation of ERDs</b>								
	ERD pre-design criteria	6	12			4	\$924.00	\$15,300.00	KH <sup>1</sup>
<b>1B</b>	<b>Pre-design Report</b>								
	Prepare PDR	8	16		4	4	\$1,321.60	\$39,500.00	KH <sup>1</sup>
	<b>Subtotal Task 1</b>	<b>14</b>	<b>28</b>	<b>0</b>	<b>4</b>	<b>8</b>	<b>\$2,245.60</b>	<b>\$48,800.00</b>	
<b>2</b>	<b>Final Design</b>								
	<b>Final Design Drawings</b>								
	Mechanical	100	100	60	160	8	\$16,172.00		
	Electrical/IC	30			8	2	\$1,777.20	\$50,000.00	HEE <sup>2</sup>
	Site Visits	30	30				\$2,850.00		
	Design Review Meeting	16	16				\$1,520.00	\$2,500.00	KH <sup>1</sup>
	GMP Cost Estimate Adjustment	20	10	32		4	\$2,494.00		
	<b>Subtotal Task 2</b>	<b>196</b>	<b>156</b>	<b>92</b>	<b>168</b>	<b>14</b>	<b>\$24,813.20</b>	<b>\$52,500.00</b>	
<b>3</b>	<b>Services During Construction</b>								
	Startup	90	90			2	\$8,592.00	\$28,400.00	KH <sup>1</sup>
	Submittal Review of EDR		8			2	\$402.00	\$8,000.00	KH <sup>1</sup>
	Site Visits/Review		8			2	\$402.00	\$15,000.00	KH <sup>1</sup>
	Electrical Engineer		8			2	\$402.00	\$20,000.00	HEE <sup>2</sup>
	<b>Subtotal Task 3</b>	<b>90</b>	<b>114</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>\$9,798.00</b>	<b>\$71,400.00</b>	
<b>4</b>	<b>PBCHD Permit</b>								
	PBCHD Permit Application		16			2	\$762.00		
	Record Drawings		16		24	2	\$1,467.60		
	<b>Subtotal Task 4</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>24</b>	<b>4</b>	<b>\$2,229.60</b>	<b>\$0.00</b>	
	<b>Labor Subtotal Hours</b>	<b>300</b>	<b>330</b>	<b>92</b>	<b>196</b>	<b>34</b>			
	Labor Raw Costs	\$15,000.00	\$14,850.00	\$2,760.00	\$5,762.40	\$714.00	\$39,086.40		
	Labor Multiplier	3.00	3.00	3.00	3.00	3.00			
	<b>Labor SubTotal</b>	<b>\$45,000.00</b>	<b>\$44,550.00</b>	<b>\$8,280.00</b>	<b>\$17,267.20</b>	<b>\$2,142.00</b>	<b>\$117,259.20</b>		
	<b>Labor Total</b>						<b>\$117,259.20</b>		
	Subconsultant Labor Total						\$172,700.00		
	Subconsultant Multiplier						1.10		
	<b>Subcontract Total</b>						<b>\$189,970.00</b>		
	Reimbursable Expenses						\$1,000.00		
	<b>Project Total</b>						<b>\$308,229.20</b>		

- 1 - KH - Kimley Horn and Associates
- 2 - HEE - Hillers Electrical Engineering, Inc.
- 3 - EEE - Energy Efficient Electric, Inc.

**ATTACHMENT - A**  
**WA#50 - LAKE REGION WTP RO SKID ENERGY RECOVERY SYSTEM IMPROVEMENTS**

**Budget Summary - Construction**

CSI Division	Task Description	Labor Classification and Hourly Rate						Total Labor	Materials	*Sub-Contractor Services	Sub-Contractor
		PRO8	PRO6	NEO5	NEO4	NEO2	Office				
		\$63.00	\$45.00	\$36.75	\$25.20	\$18.90	\$21.00				
<b>1a</b>	<b>Temporary Facilities</b>										
	Sanitary		2				2	\$132.00	\$570.00		
	Waste Hauling		2				2	\$132.00	\$600.00		
	<b>Subtotal Div 1a</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>\$264.00</b>	<b>\$1,170.00</b>	<b>\$0.00</b>	
<b>1b</b>	<b>General Conditions</b>										
	Construction PM		24					\$1,080.00			
	Construction Supervisor	60						\$3,780.00			
	Submittals Preparation		30				8	\$1,518.00	\$100.00		
	Equipment O&M Manuals	20					4	\$1,344.00	\$100.00		
	Site Visits/Reviews	24						\$1,512.00			
	BD Permit Application/Closeout	20					2	\$1,302.00			
	Progress Meetings	16	16				2	\$1,770.00			
	Punchlist	8		8	8		2	\$1,041.60			
	Scheduling		8				2	\$402.00			
	<b>Subtotal Div 1b</b>	<b>148</b>	<b>78</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>20</b>	<b>\$13,749.60</b>	<b>\$200.00</b>	<b>\$0.00</b>	
<b>2</b>	<b>Sitework/Staging</b>										
	Site Staging/Mobilize	2		8	8			\$621.60			
	Cleanup				8	8		\$352.80			
	<b>Subtotal Div 2</b>	<b>2</b>	<b>0</b>	<b>8</b>	<b>16</b>	<b>8</b>	<b>0</b>	<b>\$974.40</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>3</b>	<b>Concrete</b>										
	Concrete Pedestals (4)	8			32	32	2	\$1,957.20	\$800.00	\$400.00	
	<b>Subtotal Div 3</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>32</b>	<b>2</b>	<b>\$1,957.20</b>	<b>\$800.00</b>	<b>\$400.00</b>	
<b>4</b>	<b>Building Modification</b>										
								\$0.00			
	<b>Subtotal Div 4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>5</b>	<b>Miscellaneous Metals/Supp/Fstnrs</b>										
	Pipe Supports				16	16	2	\$747.60	\$2,000.00		
	DP Cell Racks			8	24	24		\$1,352.40	\$1,200.00		
	<b>Subtotal Div 5</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>40</b>	<b>40</b>	<b>2</b>	<b>\$2,100.00</b>	<b>\$3,200.00</b>	<b>\$0.00</b>	
<b>9</b>	<b>Finishes</b>										
	Coatings				16	16	2	\$747.60	\$500.00		
	Pipe Labels				10	10	2	\$483.00	\$200.00		
	<b>Subtotal Div 9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>26</b>	<b>4</b>	<b>\$1,230.60</b>	<b>\$700.00</b>	<b>\$0.00</b>	
<b>11</b>	<b>Equipment</b>										
	Energy Recovery Turbine (4) w/ valves & connecting piping			20	20	20	2	\$1,659.00	\$365,000.00		
	Membrane vessels and elements	80		160	160	320		\$21,000.00	\$75,000.00		
	<b>Subtotal Div 11</b>	<b>80</b>	<b>0</b>	<b>180</b>	<b>180</b>	<b>340</b>	<b>2</b>	<b>\$22,659.00</b>	<b>\$440,000.00</b>	<b>\$0.00</b>	
<b>13</b>	<b>I&amp;C</b>										
	New Instruments: DP Cells, Sensors, Gauges			40	40	40	4	\$3,318.00	\$60,000.00	\$50,000.00	
	PLC Programming									\$40,000.00	HEE <sup>2</sup>
	<b>Subtotal Div 13</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>4</b>	<b>\$3,318.00</b>	<b>\$60,000.00</b>	<b>\$90,000.00</b>	
<b>15</b>	<b>Mechanical</b>										
	SS Piping Installation			250	250	250		\$20,212.50			
	Valves			50	50	50		\$4,042.50	\$20,000.00		
	Well 8 Blending, Flow Meter, & Mod Valve	40		120	120	120		\$12,222.00	\$22,000.00		
	Misc Piping Modifications			100	100	100		\$8,085.00	\$10,000.00		
	Misc Plant Improvements			400	400	400		\$32,340.00	\$150,000.00		
	<b>Subtotal Div 15</b>	<b>40</b>	<b>0</b>	<b>920</b>	<b>920</b>	<b>920</b>	<b>0</b>	<b>\$76,902.00</b>	<b>\$202,000.00</b>	<b>\$0.00</b>	

**ATTACHMENT – A**  
**WA#50 - LAKE REGION WTP RO SKID ENERGY RECOVERY SYSTEM IMPROVEMENTS**

**Budget Summary - Construction**

CSI Division	Task Description	Labor Classification and Hourly Rate						Total Labor	Materials	*Sub-Contractor Services	Sub-Contractor
		PRO8	PRO6	NEO5	NEO4	NEO2	Office				
		\$63.00	\$45.00	\$36.75	\$25.20	\$18.90	\$21.00				
<b>16</b>	<b>Electrical</b>										
	Misc Plant Improvements							\$0.00		\$100,000.00	
	Electrical Subcontractor							\$0.00	\$0.00	\$76,000.00	EE <sup>3</sup>
	<b>Subtotal Div 16</b>	0	0	0	0	0	0	\$0.00	\$0.00	\$176,000.00	
<b>18</b>	<b>Heavy/Rental Equipment</b>										
	Forklift						2	\$42.00	\$1,500.00		
	Scissor Lift						2	\$42.00	\$3,300.00		
	Miscellaneous Tools/Consumables/Fuel							\$0.00	\$1,502.20		
	<b>Subtotal Div 18</b>	0	0	0	0	0	4	\$84.00	\$6,302.20	\$0.00	
	<b>SUBTOTALS:</b>							\$123,238.80	\$714,372.20	\$266,400.00	
	Labor @ Markup (1.36x1.084x1.15)							\$208,936.10			
	Materials @ Markup (1.15)								\$821,528.03		
	Subcontract Services @ Markup (1.1)									\$293,040.00	
	<b>PROJECT CONSTRUCTION SUBTOTAL</b>									\$1,323,504.13	
	PBC WUD Allowance (on construction)									\$132,350.00	
	Engineering									\$308,229.20	
	<b>PROJECT SUBTOTAL:</b>									\$1,764,083.33	
	Construction Bonding (2%)									\$35,281.67	
	<b>PROJECT TOTAL</b>									\$1,799,365.00	

# 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>Services</u>	<u>Substantial Completion</u> <sup>(1)</sup>	<u>Final Completion</u> <sup>(1)</sup>
Pre-design	60 days	75 days
Final Design	150 days	165 days
Building Permitting		185 days
Procurement		285 days
Construction	435 days	465 days

<sup>(1)</sup> Completion times do not include time required for permitting.

**ATTACHMENT C**

**SCHEDULE #1**

**LIST OF PROPOSED SBE-M/WBE PRIME AND/OR SUBCONTRACTOR PARTICIPATION**

PROJECT NAME:	Lake Region WTP RO Skid Energy Recovery System Improvements (WA-50)	PROJECT NUMBER OR BID NUMBER:	WUD 11-114
NAME OF PRIME BIDDER:	Globaltech, Inc.	ADDRESS:	1075 Broken Sound Parkway NW, Suite 103, Boca Raton, FL 33487
CONTACT PERSON:	Paul Gandy, P.E.	PHONE NO.	561-997-6433
BID OPENING DATE:		FAX NO.	561-997-5811
		USER DEPARTMENT:	

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH THE BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE-M/WBE SUBCONTRACTORS ON THIS PROJECT. IF THE PRIME IS AN SBE-M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT.

Name, Address, Telephone Number of SBE-M/WBE Contractor	(Check one or both Categories)		Dollar Amount				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
Globaltech, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$ -	\$ -	\$ -	\$ 1,360,265.00	\$ -
Hillers Electrical Engineering, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ 110,000.00	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/>	<input type="checkbox"/>	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL:			\$ -	\$ 110,000.00	\$ -	\$ 1,360,265.00	\$ -

TOTAL BID PRICE: \$1,799,365.00

Total Value of SBE-M/WBE Participation Dollar Amount or Percentage of Work: \$ 1,470,265.00

- NOTE:
1. The amount listed on this form for a Subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal 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 a SBE and M/WBE, please indicate the dollar amount or percentage under the appropriate category.
  3. M/WBE information is being collected for tracking purposes only.

**ATTACHMENT C**

**SCHEDULE 2**

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

PROJECT NO. WUD 11- PROJECT NAME: Lake Region WTP RO Skid Energy Recovery System Improvements

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

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

Date of Palm Beach County Certification: September 28, 2009

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>E2</u>	<u>Final Electrical Design</u>	<u>1</u>	<u>\$50,000</u>	<u>\$50,000</u>
<u>E3</u>	<u>Services During Construction</u>	<u>1</u>	<u>\$20,000</u>	<u>\$20,000</u>
<u>C13</u>	<u>PLC Programming</u>	<u>1</u>	<u>\$40,000</u>	<u>\$40,000</u>
_____	_____	_____	_____	_____

**Hillers Electrical Engineering will prepare design drawings for electrical and I&C improvements to the Palm Beach County Pump Lake Region WTP RO Skid Energy Recovery System Improvements. HEE will provide assistance during project startup and will provide record drawings that reflect electrical and I&C improvements. Hillers Electrical will provide programming of PLC during project startup.**

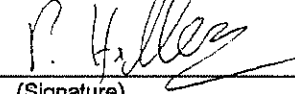
at the following price and not to exceed: \$110,000 (One hunder ten thousand dollars and no cents)  
(Subcontractor's quote)

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: \$ -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 Engineers, Inc.  
(Print Name of SBE-M/WBE Subcontractor)

By:   
(Signature)

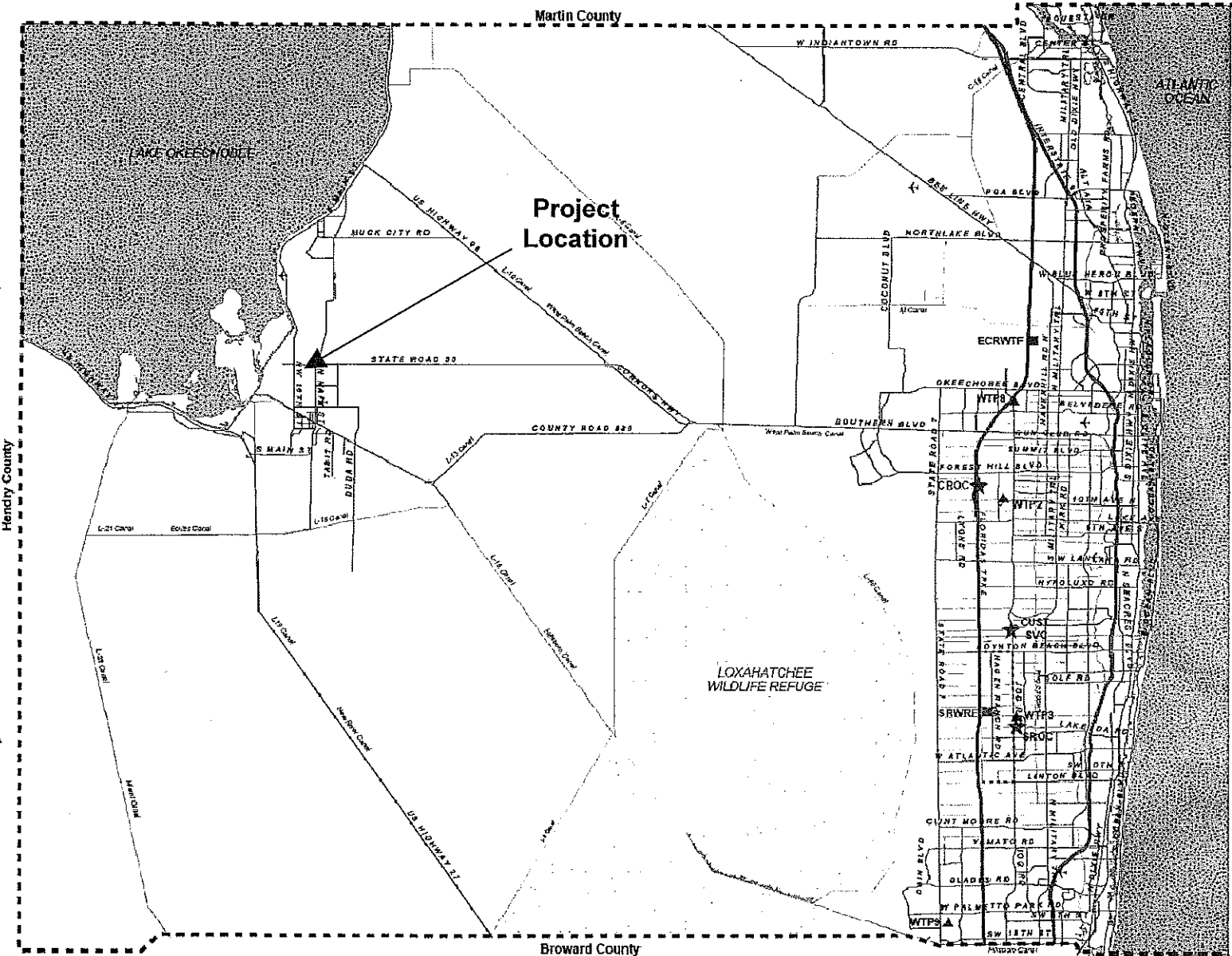
Paul Hillers, P.E. / President  
(Print name/title of person executing on behalf of SBE-M/WBE Subcontractor)

Date: June 3, 2011

Attachment D – Location Map



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



- Legend**
- P.B.C.W.U.D. SA
  - MANDATORY RECLAIMED SA
  - - - - COUNTY LIMITS
  - ★ Administration
  - Water Reclamation Plant
  - ▲ Water Treatment Plant
  - ⊙ Wetlands



NOT TO SCALE

**EXHIBIT - B**

**AUTHORIZATION STATUS REPORT  
June 3, 2011  
(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
CSA-7	Lift Station 5229 Evaluation	Approved	\$30,689.00	3/12/2010	10-032	GT 10-20-188
CSA-8	WTP 3 / SROC DIW Blending	Approved	\$48,858.00	2/14/2010	09-059	GT 10-20-184
CSA-8.1	WTP 3 / SROC DIW Blending - Supplement 1	Approved	\$47,070.00	10/05/2010	09-059	GT 10-20-184
CSA-8.2	WTP 3 / SROC DIW Blending - Supplement 2	Approved	\$24,475.00	4/15/2011	09-059	GT 10-20-184
CSA-9	Pahokee WWTP NaOCl Preliminary Dsgn Report	Approved	\$16,698.00	11/02/2010	11-045	GT 10-20-208
CSA-10	West Canal Street South Belle Glade Water Main	Approved	\$22,000.00	9/28/2010	11-007	GT 10-20-202
CSA-11	WTP 2 Transfer Pumps	Pending			11-107	
CSA-12	WTP 8 Sodium Hypochlorite Improvements	Approved	\$44,290.00	12/20/2010	09-005	GT 10-20-225
CSA-13	WTP 8 Elevated Walkway	Approved	\$15,969.00	4/13/2011	11-089	
CSA-13.1	WTP 8 Elevated Walkway - Supplement 1	Approved	-\$15,969.00	5/20/2011	11-089	
CSA-14	WTP 3 Groundwater Rule Improvements	Approved	\$46,210.00	3/10/2011	10-034	GT 11-20-241
Total CSAs			\$563,651.00			



**EXHIBIT - B**

**AUTHORIZATION STATUS REPORT  
June 3, 2011  
(CONTINUED)**

SUMMARY AND STATUS OF  
REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WJLD 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	\$48,664.00	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
CSA-7	Lift Station 5229 Evaluation	Approved	\$30,689.00	3/12/2010	10-032	GT 10-20-186
CSA-8	WTP 3 / SROC DIW Blending	Approved	\$48,858.00	2/14/2010	09-059	GT 10-20-184
CSA-8.1	WTP 3 / SROC DIW Blending - Supplement 1	Approved	\$47,070.00	10/05/2010	09-059	GT 10-20-184
CSA-8.2	WTP 3 / SROC DIW Blending - Supplement 2	Approved	\$24,475.00	4/15/2011	09-059	GT 10-20-184
CSA-9	Pahokee WWTP NaOCl Preliminary Dsgn Report	Approved	\$16,698.00	11/02/2010	11-045	GT 10-20-208
CSA-10	West Canal Street South Belle Glade Water Main	Approved	\$22,000.00	9/28/2010	11-007	GT 10-20-202
CSA-11	WTP 2 Transfer Pumps	Pending			11-107	
CSA-12	WTP 8 Sodium Hypochlorite Improvements	Approved	\$44,290.00	12/20/2010	09-005	GT 10-20-225
CSA-13	WTP 8 Elevated Walkway	Approved	\$15,969.00	4/13/2011	11-089	
CSA-13.1	WTP 8 Elevated Walkway - Supplement 1	Approved	-\$15,969.00	5/20/2011	11-089	
CSA-14	WTP 3 Groundwater Rule Improvements	Approved	\$46,210.00	3/10/2011	10-034	GT 11-20-241
	Total CSAs		\$563,651.00			

**EXHIBIT - B**

**AUTHORIZATION STATUS REPORT  
June 3, 2011  
(CONTINUED)**

SUMMARY AND STATUS OF  
REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
<b>Work Authorizations</b>						
WA-1	WTP 3, 9, & SRWRF Hypochlorite I&C Improv.	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-2.1	WTP 2 SCADA Tower Supplement 1	Approved	\$4,599.00	8/3/2009	08-071	GT 09-20-148
WA-2.2	WTP 2 SCADA Tower Supplement 2	Approved	\$2,373.00	9/21/2009	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	Approved	\$550,336.00	8/18/2009	09-041	GT 09-20-168
WA-4.1	South Bay Pump Station - Supplement 1	Approved	\$0.00	9/14/2010	09-041	GT 09-20-168
WA-5	Pahokee WWTP MCC Replacement	Approved	\$192,625.00	5/06/2009	09-039	GT 09-20-155
WA-6	Belle Glade WWTP Grit Removal	Approved	\$235,567.00	9/15/2009	09-040	GT 09-20-171
WA-7	Lake Region Hypochlorite Improvements	Approved	\$137,559.00	7/8/2009	03-169	GT 09-20-167
WA-8	WTP 8 Hypochlorite Improvements	Approved	\$116,443.00	12/16/2009	09-005	GT 09-20-183
WA-9	WTP Wellfield Recharge - Riverbridge			NA	05-072	NA
WA-10	WTP 10 Membrane Improvements	Approved	\$278,654.00	6/16/2009	08-074	GT 09-20-164
WA-11	Southwest Boca Diversion Pump Stations	Approved	\$164,056.00	8/19/2009	04-218	GT 09-20-172
WA-11.1	SW Boca Diversion PS - Supplement 1	Approved	\$0.00	9/14/2010	04-218	GT 09-20-172
WA-12	WTP 2 Backwash Pump Station	Approved	\$190,000.00	4/28/2009	07-134	GT 09-20-156
WA-12.1	WTP 2 Backwash Pump Station - Supplement 1	Approved	\$9,338.00		07-134	GT 09-20-156
WA-12.2	WTP 2 Backwash Pump Station - Supplement 2	Approved	\$21,339.00	2/17/2010	07-134	GT 09-20-156
WA-12.3	WTP 2 Backwash Pump Station - Supplement 3	Approved	\$63,093.00	2/25/2010	07-134	GT 09-20-156
WA-13	Beeline Rechloramination Facility - 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 09-20-157
WA-15	Hillsboro Wells Level Transmitter Wiring	Approved	\$36,751.00	6/16/2009	09-064	GT 09-20-165
WA-16	Beeline CDC Line Stop at Innovation Drive	Approved	\$13,379.20	4/1/2009	08-083	GT 09-20-154
WA-16.1	Electrical Service for KOB Lift Station	Approved	\$12,182.00	5/20/2009	08-083	GT 09-20-158
WA-17	WTP 3 - Ammonia Piping Modifications	Approved	\$10,207.00	6/16/2009	09-063	GT 09-20-163
WA-18	WTP 10 Train B Membrane Replacement	Approved	\$15,615.00	6/16/2009	09-062	GT 09-20-166
WA-19	WTP 10 Train A Membrane Replacement	Approved	\$14,023.00	9/24/2009	09-077	GT 09-20-174
WA-20	WTP 8 Ferric Chloride System	Approved	\$352,365.00	11/17/2009	07-114	GT 09-20-175
WA-20.1	WTP 8 Ferric Chloride System - Supplement 1	Approved	\$0.00	9/14/2010	07-114	GT 09-20-175
WA-21	Lift Station 5229 Improvements	Pending				
WA-22	Belle Glade Hypochlorite Improvements	Pending				
WA-23	Pahokee Hypochlorite Improvements	Approved	\$183,302.00	1/26/2011	11-045	GT 11-20-218
WA-24	Belle Glade DIW MIT	Approved	\$47,637.00	3/25/2010	10-001	GT 10-20-188
WA-25	WTP 3 Ground Water Rule Improvements	Pending				
WA-26	WTP 9 Ground Water Rule Improvements	Approved	\$156,101.00	1/12/2011	10-036	GT 10-20-226
WA-27	WTP 8 Ground Water Rule Improvements	Approved	\$146,100.00	2/02/2011	10-035	GT 10-20-231
WA-28	WTP 11 Ground Water Rule Improvements			NA	NA	NA
WA-29	Belle Glade Deep Injection Well			NA	NA	NA
WA-30	WTP 3 Acid Piping Replacement	Approved	\$59,432.00	5/3/2010	10-043	GT 10-20-193
WA-31	WTP 2 Ground Water Rule Improvements	Approved	\$89,389.00	4/22/2010	10-033	GT 10-20-190
WA-32	WTP 3 Degassifier Permeat Inlet Repair	Approved	\$25,000.00	3/29/2010	10-044	GT 10-20-189
WA-33	WTP 8 Filters 2 & 3 Media Replacement	Approved	\$180,800.00	7/28/2010	10-066	GT 10-20-196
WA-33.1	WTP 8 Filters 1 Media Replacement	Approved	\$88,326.00	2/01/2011	10-066	GT 10-20-196
WA-34	WTP 2 Fuel Tank Replacement	Approved	\$99,989.00	8/05/2010	10-053	GT 10-20-199
WA-34.1	WTP 2 Fuel Tank Replacement - Supplement 1	Approved	\$18,768.00	12/29/2010	10-053	GT 10-20-199
WA-35	WTP 3 Valve Replacement & Degassifier Repair	Approved	\$43,858.00	6/25/2010	10-074	GT 10-20-201
WA-36	Distribution System WQ Monitoring Construction	Approved	\$149,995.00	10/06/2010	10-072	GT 10-20-213
WA-37	Belle Glade WWTP Digester Stairs	Approved	\$60,982.00	11/22/2010	11-048	GT 10-20-220
WA-38	WTP 3 Diesel Fuel Tank	Approved	\$249,823.00	2/02/2011	09-004	GT 10-20-222
WA-39	Lake Region WTP Degas. Packing Replacement	Approved	\$114,585.00	1/26/2011	11-058	GT 10-20-227
WA-40	Lake Region Well No. 4 - Motor Replacement	Approved	\$24,850.00	1/24/2011	11-062	GT 10-20-232

## EXHIBIT - B

### AUTHORIZATION STATUS REPORT June 3, 2011 (CONTINUED)

#### SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WWD No. Assigned	Globaltech Project No.
WA-40.1	Lake Region Well No. 4 - Supplement 1	Approved	\$64,467.00	5/12/2011	11-062	GT 10-20-232
WA-41	SRWC DIW Blending Modifications	Pending			09-059	GT 10-20-224
WA-42	SRWRF Digester Piping	Approved	\$145,818.00	2/16/2011	11-063	GT 10-20-227
WA-43	Belle Glade WWTP Transfer Line Valve Install.	Approved	\$26,673.00	3/25/2011	11-083	GT 11-20-217
WA-44	Belle Glade WWTP Control Bldg Gutter Replace.	Pending			11-084	
WA-45	WTP 8 Elevated Walkway	Approved	\$118,548.00	4/20/2011	11-089	GT 11-20-215
WA-46	Lake Region Well No. 3 - Pump Modification	Approved	\$98,000.00	5/12/2011	11-098	
WA-47	SRPF Membrane Concentrate Bypass	Pending			11-108	
WA-48	LR WTP Well Pump Conversions	Pending			11-XXX	
WA-49	LR WTP Floridan Aquifer Production Well 8	Pending			11-XXX	
WA-50	LR WTP RO Skid Energy Recoverer System Imp.	Pending	\$1,799,365.00		11-114	
	Total WAs		\$7,376,269.20			
	Total CSAs + WAs		\$7,939,920.20			

Date: June 3, 2011

## EXHIBIT - C

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

(CONTINUED)


SUMMARY AND STATUS OF  
SBE / MINORITY BUSINESS TRACKING SYSTEM  
WA 50 - Lake Region WTP RO Skid Energy Recovery System Improvements

	Total
<b>Current Proposal</b>	
Value of Consultant Service Authorization	\$0.00
Value of Work Authorization	\$1,799,365.00
Value of CSA and WA	\$1,799,365.00
Value of SBE Minority Letter of Intent	\$1,470,265.00
Actual Percentages	81.71%
<b>Signed / Approved Authorizations</b>	
Total Value of Approved Consultant Service Authorization	\$563,651.00
Total Value of Approved Work Authorization	\$5,576,904.20
Total Value of CSAs and WAs	\$6,140,555.20
Total Value of SBE Signed Subcontracts	\$4,777,682.20
Actual Percentages	77.80%
<b>Signed Authorizations Plus Current Proposal</b>	
Total Value of Approved CSAs Plus Current CSA Proposal	\$563,651.00
Total Value of Approved WAs Plus Current WA Proposal	\$7,376,269.20
Total Value of Approved and Proposed CSAs and WAs	\$7,939,920.20
Total Value of SBE Subcontracts and Letters of Intent	\$6,247,947.20
Actual Percentages	78.69%
<b>GOAL</b>	<b>75%</b>

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET: TRANSFER  
FUND 4011: Water Utilities Department Capital Improvement Fund**

Use this form for items not anticipated in the budget

Account		Original Budget	Current Budget	Increase	Decrease	Adjusted Budget	Encumbered As of 06/02/02011	Remaining Balance
Number	Name							
<u>Capital Improvement Fund (BGEX 720 060211*1669)</u>								
<u>Expenditures and Reserves</u>								
4011721W006-6541	Water Treatment Plant	100,000	100,000	6,900,000		7,000,000	0	7,000,000
40117209900-9909	Reserves	44,633,897	57,547,317		6,900,000	50,647,317	0	50,647,317
<b>Total expenditures and reserves</b>				<u>6,900,000</u>	<u>6,900,000</u>			

<u>Water Utilities Department</u>	Signatures	Date	By Board of County Commissioners
Initiating Department/Division		6/9/2011	At Meeting of _____
Administration/Budget Department Approval	_____	_____	_____
OFMB and Budget Department - Posted	_____	_____	Deputy Clerk to the Board of County Commissioners