

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: July 19, 2011

Consent ☒
Public Hearing ☐

Regular ☐

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

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Consultant Service Authorization No. 11 to the Contract for Optimization and Improvements Design-Build Services with Globaltech, Inc. (R2008-2323) to design the Water Treatment Plant No. 2 Transfer Pump Station in the amount of \$112,417.

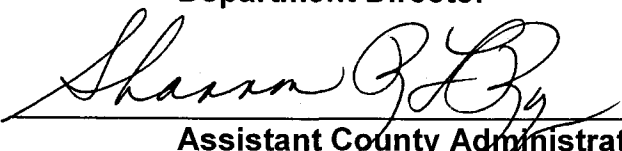
Summary: On December 16, 2008, the Board approved the Water Utilities Department Optimization and Improvements Design/Build Services with Globaltech, Inc. (R2008-2323). Consultant Services Authorization No. 11 with Globaltech, Inc. provides for the designing of a pump station to transfer potable water from the clearwell into the storage tanks at Water Treatment Plant No. 2 thereby increasing the usable storage capacity. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15.00% overall. The contract with Globaltech, Inc. provides for SBE participation of 75% overall. This Authorization includes 97.35% overall participation. The cumulative SBE participation, including this Work Authorization, is 79.28% overall. Globaltech, Inc. is a local Palm Beach County Company. WUD Project No. 11-107 District 2 (JM)

Background and Justification: The water storage tanks at Water Treatment Plant No. 2 have a total capacity of 8.5 million gallons. The water storage tanks have a usable capacity of only 6.5 million gallons due to the gravity flow and lack of transfer pumps. The installation of a new transfer pump station would eliminate the hydraulic limitation and allow full use of the storage tanks.

Attachments:

1. Location Map
2. Two (2) Original Consultant Services Authorization No. 11

Recommended By:  6/10/2011
Department Director Date

Approved By: 
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2011	2012	2013	2014	2015
Capital Expenditures	<u>\$112,417.00</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$112,417.00</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0

Budget Account No.: Fund 4011 Agency 721 Org. W006 Object 6541

Is Item Included in Current Budget? Yes **X** No

Reporting Category **N/A**

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

One (1) time operating expenditure from the user fees and balance brought forward.

C. Department Fiscal Review: for equity

III. REVIEW COMMENTS

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

OFMB Fiscal and/or Contract Development

[Signature] 6/16/11

OFMB


[Signature] 6/17/11

[Signature] 6/17/11

Dr. J. Jacoby 6/20/11
Contracts Development and Control
B Wheelin 6/20/11

B. Legal Sufficiency:

Legal Sufficiency:


Assistant County Attorney 6/21/11

**This item complies with current
County policies.**

C. Other Department Review:

Department Director

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

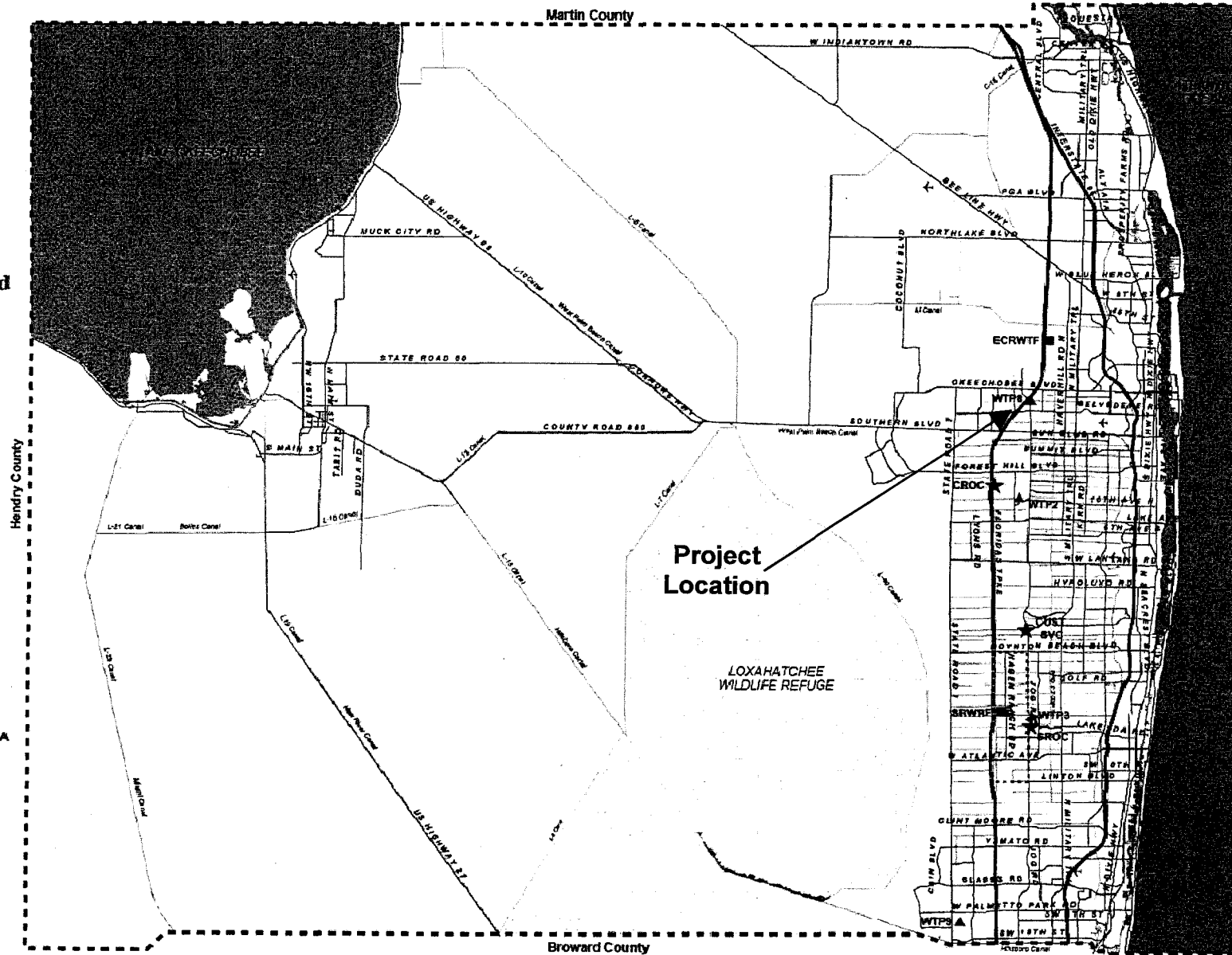
ATTACHMENT D PROJECT LOCATION MAP



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



Water Treatment Plant 2 Transfer Pumps WUD #11-107

CONSULTANT SERVICES AUTHORIZATION NO. 11

Project No. 11-107

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

Project Title: **WTP 2 Contact Basin Transfer Pump Station**

District No.: **2**

THIS CONSULTANT SERVICES AUTHORIZATION No. 11, 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 Design-Build Entity Services described in Item 3 of this Authorization. The Contract provides for 75% SBE participation overall. This Consultant Services Authorization includes 95.37% overall. The cumulative SBE participation, including this authorization is 79.28% overall.

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

CSA No. 11 provides authorization for Globaltech to design the WTP 2 Contact Basin Transfer Pump Station. At WTP 2, water flows via gravity from filters through the ozone contact basin to the ground storage tanks. Due to gravity flow, the water levels in the ground storage tanks are limited to the water elevation in the filters and ozone contact basin. The Palm Beach County Water Utilities Department (PBCWUD) desires to eliminate this limitation by the installation of a new transfer pump station at the ozone contact basin so that the full volume of the ground storage tanks can be utilized.

See EXHIBIT "A".

4. Services completed by the Design-Build Entity to date:
See EXHIBIT "B" and "C".
5. Design-Build Entity shall begin work promptly on the requested services.
6. The compensation to be paid to the Design-Build Entity for providing the requested services shall be:
 - A. Computation of time charges plus expenses, not to exceed: N/A
 - B. Fixed price of \$112,417.

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) when 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

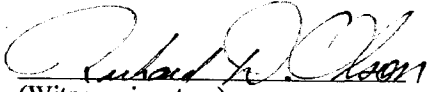
APPROVED AS TO FORM AND LEGAL
SUFFICIENCY

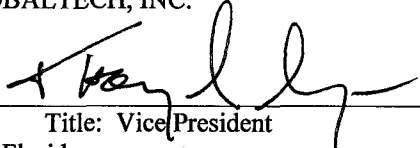
APPROVED AS TO TERMS AND
CONDITIONS

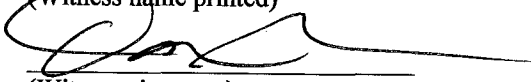
Assistant County Attorney


Bevin A. Beaudet, Director
Water Utilities Department

GLOBALTECH, INC.


(Witness signature)

By: 
Title: Vice President
Florida
(Insert state of corporation)

Richard D. Olson
(Witness name printed)

(Witness signature)

May 17, 2011
(Date of execution)

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

David A. Schuman
(Witness name printed)

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

(Corporate Seal)

EXHIBIT A
CONSULTANT SERVICE AUTHORIZATION NO. 11
PALM BEACH COUNTY WATER UTILITIES DEPARTMENT
ENGINEERING/PROFESSIONAL SERVICES
SCOPE OF WORK
FOR
WTP 2 CONTACT BASIN TRANSFER PUMP STATION

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 engineering services for various general activities (Reference Document R2008-2323). This Consultant Service Authorization will be performed under that CONTRACT.

SCOPE OF SERVICES

The Palm Beach County Water Utilities Department (PBCWUD) is planning on constructing a new transfer pump station at WTP 2 to eliminate the water level limitation in the ground storage tanks due to gravity flow. Based on preliminary discussions with PBCWUD, the design and construction of the new transfer pump station will be based on the following:

- New pump station is to be located adjacent to the existing ozone contact chamber.
- Pipes exiting the ozone contact chamber will be intercepted and routed to the new transfer pump station. The discharge from the new transfer pump station will be reconnected to the ozone contact chamber effluent line with a bypass.
- The ozone contact basin shall be modified to provide adequate wetwell volume in the terminal ozone contact basin chamber for proper pump operation.
- The new pump station is to be located outside on a slab. No building will be required to house the pumps.
- Piping will be installed to permit a bypass around the new pump station.
- The new pumps shall be equipped with variable frequency drives (VFDs).
- The VFDs will be located in the chlorine generation building which is currently air-conditioned. The building currently has room for one additional chlorine generator; however, no more chlorine generators will be installed in this building. Based on this assumption, there is adequate room and air-conditioning for the new VFDs to be placed there without any structural or HVAC work.

Design-Build Entity shall perform the engineering Scope of Services as described herein:

Task 1. Preliminary (30%) Design

1. Prepare a hydraulic model:
 - Hydraulic model to include evaluation of existing piping system, required pump capacity, and proposed piping modifications to achieve flow objectives.
 - Hydraulic model to evaluate various pumping arrangements to achieve flow objectives (i.e. 2, 3, or 4 pumps).
 - Based on hydraulic model, develop recommendations, alternatives, cost estimates and schedules for review with staff.
2. Conduct a survey and utility locates.
3. Develop a preliminary site plan layout and equipment layout.
4. Evaluate location and configuration of existing baffles in contact chamber and design modifications if necessary for efficient pump operation.
5. Perform new disinfection CT calculations based on the modifications associated with this project.
6. Prepare a Preliminary Design Technical Memorandum (TM). The TM shall briefly describe the equipment, design parameters and layout. Equipment cut sheet examples for major equipment shall be provided in the TM. A preliminary site plan and equipment layout will be provided. No electrical or structural drawings will be included in this submittal. Five copies of the TM shall be submitted.

Task 2. 60% Complete Design

1. Provide a 60% engineering design based on the results of the TM. The 60% design shall consist of drawings and specifications. Equipment cut-sheets will also be provided where applicable.
2. Provide soft dig potholing of utility conflicts (up to 5), existing water main and conductive utility locates. The existing site survey will be utilized to further evaluate the pump station location. A new survey will not be performed.
3. For the 60% design the DESIGN-BUILD ENTITY will provide the following drawings:

General Drawings

- Cover
- General Legend

Civil Drawings

- Yard Piping/Site Plan
- Piping Demolition Plan
- Civil Details

Structural Drawings

- Ozone Contactor Modifications and General Notes
- Pump Slab, Wall Infill and Miscellaneous Details

Mechanical Drawings

- Pump Station Plan and Details
- Bypass and Mechanical Details
- Mechanical Standard Details (3 Sheets)

Instrumentation and Control Drawings

- P&ID Legend
- P&ID Diagram for Pump Station
- Control Panel Detail
- P&ID Standard Details

Electrical Drawings

- Electrical Legend
- Proposed Demolition Plan
- Pump Station Plan
- Ozone Destruct Electrical Building Plan
- One Line Diagrams
- Schematic Diagrams
- Riser Diagrams
- Schedule
- Electrical Standard Details

4. Prepare a budgetary construction cost estimate.
5. Submit the 60% design consisting of four (4) sets of full-size (22"x34") drawings and two (2) sets of 11"x17" drawings, specifications and equipment cut-sheets, where applicable, to the PBCWUD. Meet with PBCWUD to review 60% design and collect comments.

Task 3. 90% Complete Design

1. Complete the project design to the 90% complete stage, incorporating the 60% review comments.
2. Update the cost estimate.
3. Submit the draft 90% design consisting of four (4) sets of full-size (22"x34") drawings and two (2) sets of 11"x17" drawings, specifications and equipment cut-sheets, where applicable, to the PBCWUD. Meet PBCWUD to review comments.

Task 4. 100% Complete Design

1. Finalize the project design, incorporating the 90% review comments.
2. Submit the draft 100% design consisting of four (4) sets of full-size (22"x34") drawings and two (2) sets of 11"x17" drawings, specifications and equipment cut-sheets, where applicable, to the PBCWUD. Meet PBCWUD to collect comments. Incorporate comments and submit a final 100% complete design (same number of documents as in the draft submittal) to the PBCWUD.

3. Provide signed and sealed Final documents to the PBCWUD for submittal to the PBC Building Department by the PBCWUD.
4. Submit signed and sealed Final documents and a completed permit application to the Palm Beach County Health Dept

ASSUMPTIONS

- The project will be designed in accordance with the Palm Beach County Water Utilities Department Manual of Minimum Engineering Standards.
- County will provide the following:
 - Copies of record drawings requested by Globaltech, Inc.
 - Provide review comments within 10 working days.
 - Access to project site to conduct survey, locates, and site visits.
- Work will not be impacted by on-going work at WTP2.
- Equipment to be used for design shall be PBC standards when they are specified.
- PBCWUD will review the design submittals within 2 weeks.
- The design submittals will comply with the applicable requirements of the PBCWUD Design Guidelines that were provided to Globaltech on September 23, 2010.
- PBCWUD shall pay for all permit fees.
- The existing survey information from the on-going work at the site will be provided to Globaltech.
- The existing ozone system and associated equipment will be taken out of service prior to construction of this work.
- A geotechnical investigation of the site will not be performed. The existing geotechnical information from on-going work at the site will be provided to Globaltech.

COMPENSATION

Compensation for Consultant Services Authorization No. 11 will not exceed the Lump Sum Amount (inclusive of allowances) of \$112,417. Attachment A provides the cost breakdown and fee.

SCHEDULE

The completion dates for this work will be extended by the schedule provided in Attachment B.

M/WBE PARTICIPATION

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

ATTACHMENT – A

Budget Summary

ATTACHMENT – B

Project Schedule

ATTACHMENT – C

SBE Schedules 1&2

ATTACHMENT – D

Location Map

ATTACHMENT – 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>Engineering Services</u>	<u>Completion Date From Notice to Proceed</u>	<u>Deliverables</u>
Hydraulic Model	6 weeks	Model Results
Preliminary Report / Recommendations	12 weeks	Preliminary Design TM
60% Design	16 Weeks	60% Complete Design
Final Design	20 Weeks	Final Design

ATTACHMENT A (ENGINEERING SERVICES)

CSA-11 WTP 2 Transfer Pumps

Budget Summary

Task	Task Description	E6	E5	E4	E3	T4	Office	Total Labor	*Sub-Consultant Services	Sub-Consultant
		\$50.00	\$45.00	\$35.00	\$30.00	\$29.40	\$21.00			
1	Preliminary (30%) Design									
	Project Management/Coordination		8							
	Hydraulic Model/Calculations	2	8							
	CT Revisions		8							
	Survey			4					\$2,000	Surveyor
	Utility locates and 5 soft-digs		4				2		\$3,200.00	GH
	Preliminary Site Plan	2	8			8				
	Prepare TM	2	8			4	4			
	Subtotal Task 1	6	44	4	0	12	6	\$ 2,898.80		
2	60% Design									
	Project Management/Coordination		16				16			
	Cover/Legend/Standard Details		12			12				
	Site Plan/Yard Piping	2	20			16				
	Demolition/Civil Details		8			8				
	Structural Design		4			4	2		\$ 5,120.00	BDA
	Pump Station Plan/Details	2	24	8		24				
	Bypass/Mech Details	2	16			16				
	Electrical and I&C Drawings		8			8	2		\$ 20,500.00	HEE
	Specifications	2	20				8			
	QA/QC	4								
	Meet with Staff and Review		4						\$ 500.00	HEE
	Develop Cost Estimate	4	4	12			4			
	Subtotal Task 2	16	136	20	0	88	32	\$ 10,879.20		
3	90% Design									
	Project Management/Coordination		6				6			
	Cover/Legend/Standard Details		4			4				
	Site Plan/Yard Piping	2	8			8				
	Demolition/Civil Details		4							
	Structural Design		2			2	1		\$ 2,500.00	BDA
	Pump Station Plan/Details	4	8			16				
	Bypass/Mech Details	2	8			8				
	Electrical and I&C Drawings		2			2	1		\$ 6,000.00	HEE
	Specifications		16				4			
	QA/QC	4								
	Meet with Staff and Review		4							
	Finalize Cost Estimate		4	8						
	Subtotal Task 3	12	66	8	0	40	12	\$ 6,278.00		
3	Final Design									
	Project Management/Coordination		2				2			
	Cover/Legend/Standard Details		1			4				
	Site Plan/Yard Piping		2			2				
	Demolition/Civil Details		1							
	Structural Design		1				1		\$ 500.00	BDA
	Pump Station Plan/Details		2			4				
	Bypass/Mech Details		2			2				
	Electrical and I&C Drawings		1			1	1		\$ 2,000.00	HEE
	Specifications		2				2			
	QA/QC	4								
	Meet with Staff and Review		4							
	Revise and Finalize Final drawings/specs		4			8	8			
	Health Dept. Permitting		4			4				
	Subtotal Task 3	4	26	0	0	25	14	\$ 2,399.00		
	Labor Subtotal Hours	38	272	32	0	165	64			
	Labor Raw Costs	\$1,900.00	\$12,240.00	\$1,120.00	\$0.00	\$4,851.00	\$1,344.00	\$21,455.00		
	Labor Multiplier	3.00	3.00	3.00	3.00	3.00	3.00			
	Labor Subtotal	\$5,700.00	\$36,720.00	\$3,360.00	\$0.00	\$14,553.00	\$4,032.00	\$64,365.00		
	Labor Total							\$64,365.00		
	Subconsultant Labor Total								\$ 42,320.00	
	Subconsultant Multiplier								1.1	
	Subcontract Total								\$ 46,552.00	
	Reimbursable Expenses								\$ 1,500.00	
	PROJECT ENGINEERING TOTAL								\$112,417.00	

BDA - Bridge Design Associates

GH - Ground Hound

HEE - Hillers Electrical Engineering

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>Engineering Services</u>	<u>Completion Date From Notice to Proceed</u>	<u>Deliverables</u>
Hydraulic Model	6 weeks	Model Results
Preliminary Report / Recommendations	12 weeks	Preliminary Design TM
60% Design	16 Weeks	60% Complete Design
Final Design	20 Weeks	Final Design

ATTACHMENT C

SCHEDULE 1

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

PROJECT NAME OR BID NAME: WTP 2 Transfer Pumps PROJECT NO. OR BID NO.: WUD #11-107
 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: NA USER DEPARTMENT: _____

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH 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 and Phone Number	(Check one or both Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	<u>M/WBE</u>	<u>SBE</u>	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. Globaltech, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>				\$70,097.00	
2. Hillers Electrical Engineering, Inc. 23257 State Road 7, Suite 100 Boca Raton, FL 33428 (561) 451-9165	<input checked="" type="checkbox"/>	<input type="checkbox"/>		\$29,000.00			
3. Bridge Design Associates, Inc. P.O. Box 210173 West Palm Beach, FL 33421-0173 (561) 686-3660	<input type="checkbox"/>	<input checked="" type="checkbox"/>				\$8,120.00	
(Please use additional sheets if necessary)							
Total				\$29,200.00		\$78,217.00	

Total Bid Price \$ \$112,417.00

Total SBE-M/WBE Participation Dollar Amount or Percentage of Work \$107,217.00

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 and M/WBE. If firms are certified as both an SBE and N/WBE, please indicate the dollar amount or percentage under the appropriate category.
3. M/WBE information is being collected for tracking purposes only.

Revised 03/15/2011

ATTACHMENT C
SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor are SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: WUD #11-107 PROJECT NAME: WTP 2 Contact Basin Transfer Pump Station

TO: Globaltech, Inc.
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (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. Additional Sheets May Be Used As Necessary

Line Item/ Lot No.	Item Description	Qty/Units	Unit Price	Total Price/ Percentage
<u>2</u>	<u>60% Electrical and I&C Drawings</u>	<u>1</u>	<u>LS</u>	<u>\$20,500.00</u>
<u>2</u>	<u>Meet with staff and review</u>	<u>1</u>	<u>LS</u>	<u>\$500.00</u>
<u>3</u>	<u>90% Electrical and I&C Drawings</u>	<u>1</u>	<u>LS</u>	<u>\$6,000.00</u>
<u>3</u>	<u>Final Design</u>	<u>1</u>	<u>LS</u>	<u>\$2,000.00</u>

at the following price or percentage Twenty-nine thousand dollars (\$29,200.00)
(Subcontractor's quote)

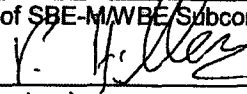
and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

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.

Price or Percentage

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)

Revised 03/15/11

Date: May 17, 2011

ATTACHMENT C
SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor are SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: WUD #11-107 PROJECT NAME: WTP 2 Contact Basin Transfer Pump Station

TO: Globaltech, Inc.
(Name of Prime Bidder)

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

Small Business Enterprise X Minority Business Enterprise

Black Hispanic Women Caucasian \$8,120.00 Other (Please Specify)

Date of Palm Beach County Certification: thru October 23, 2013

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No.	Item Description	Qty/Units	Unit Price	Total Price/ Percentage
<u>2</u>	<u>60% Structural Design</u>	<u>1</u>	<u>LS</u>	<u>\$5,120.00</u>
<u>3</u>	<u>90% Structural Design</u>	<u>1</u>	<u>LS</u>	<u>\$2,500.00</u>
<u>3</u>	<u>Final Design</u>	<u>1</u>	<u>LS</u>	<u>\$500.00</u>

at the following price or percentage Eight thousand one hundred twenty dollars (\$8,120.00)
(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.

Price or Percentage

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Bridge Design Associates, Inc.
(Print name of SBE-M/WBE Subcontractor)

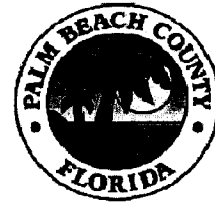
By: 
(Signature)

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

Revised 03/15/11

Date: May 17, 2011

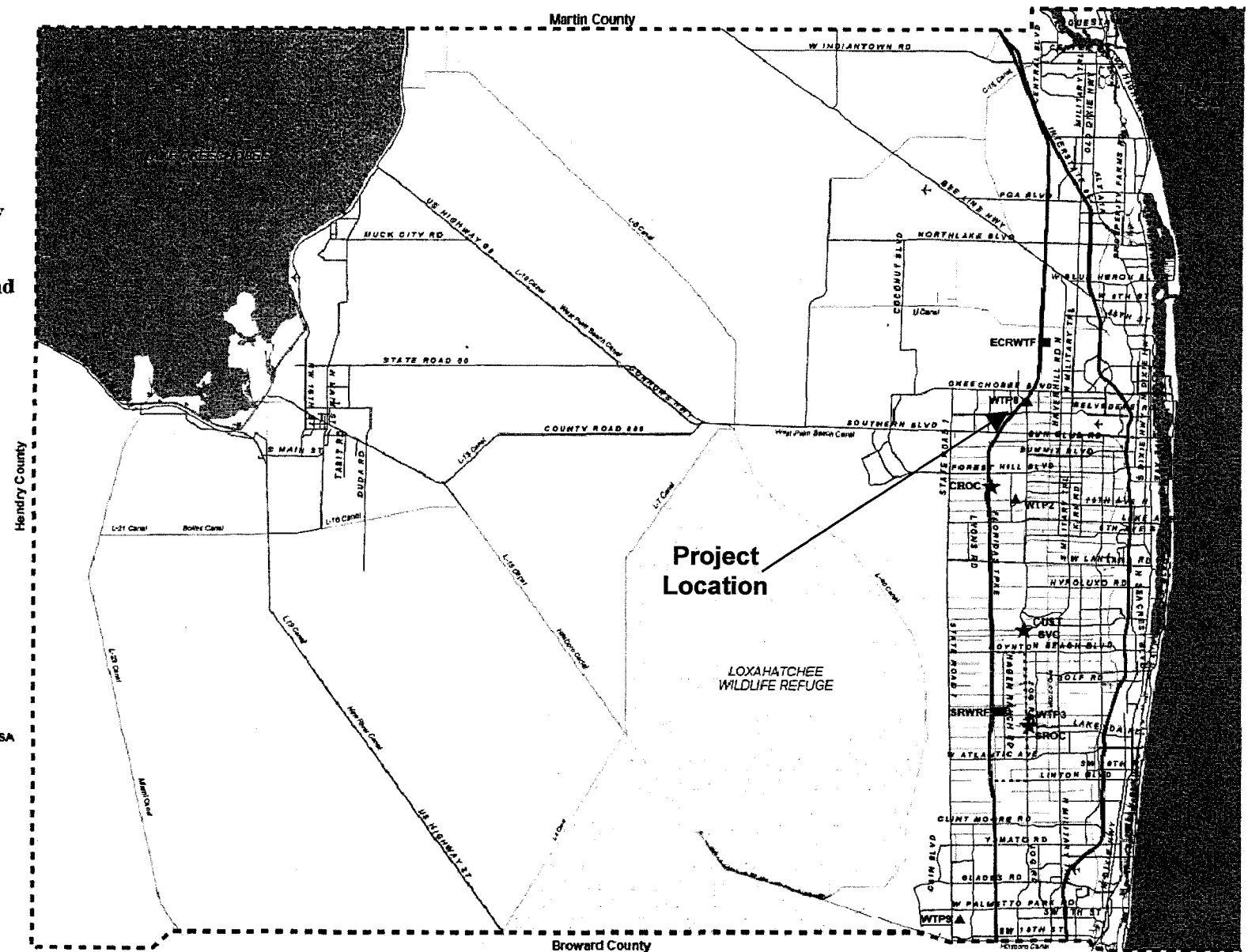
ATTACHMENT D PROJECT LOCATION MAP



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



Water Treatment Plant 2 Transfer Pumps WUD #11-107

EXHIBIT - B**AUTHORIZATION STATUS REPORT****May 17, 2011****(CONTINUED)****SUMMARY AND STATUS OF
REQUESTS FOR AUTHORIZATIONS**

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
	CONSULTANT SERVICE AUTHORIZATIONS					
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	\$112,417.00		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	Pending	\$0.00		11-089	
CSA-14	WTP 3 Groundwater Rule Improvements	Approved	\$46,210.00	3/10/2011	10-034	GT 11-20-241
	Total CSAs		\$692,037.00			

EXHIBIT - B

AUTHORIZATION STATUS REPORT

May 17, 2011

(CONTINUED)

SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	Globaltech Project No.
	Work Authorizations					
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 Permeate 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

May 17, 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	
	Total WAs		\$5,576,904.20			
	Total CSAs + WAs		\$6,268,941.20			

Exhibit C

AUTHORIZATION STATUS REPORT Disaster Recovery Services Design/Build Contract

SUMMARY OF SBE / MINORITY BUSINESS TRACKING SYSTEM

CONSULTANT AUTHORIZATION NO. 11

	TOTAL	SBE
Current Proposal		
Value of Consultant Service Authorization	\$112,417.00	
Value of Work Authorization	\$0.00	
Value of Consultant Service & Work Authorizations	<u>\$112,417.00</u>	
Value of SBE Letters of Intent	\$107,217.00	\$107,217.00
Actual Percentage	95.37%	95.37%
Signed / Approved Authorizations		
Value of Consultant Service Authorizations	\$579,620.00	
Value of Work Authorizations	<u>\$5,576,904.20</u>	
Value of Consultant Service & Work Authorizations	<u>\$6,156,524.20</u>	
Total Value of SBE Signed Subcontracts	\$4,862,848.20	\$4,862,848.20
Actual Percentage	78.98%	78.98%
Signed / Approved Authorizations plus Current Proposal		
Value of Consultant Service Authorizations	\$692,037.00	
Value of Work Authorizations	<u>\$5,576,904.20</u>	
Value of Consultant Service & Work Authorizations	<u>\$6,268,941.20</u>	
Total Value of Subcontracts & Letters of Intent	\$4,970,065.20	\$4,970,065.20
Actual Percentage	79.28%	79.28%
GOAL	15.00%	