

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: September 11, 2012 Consent [X] Regular []
Public Hearing []

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Work Authorization No. 5 to the Contract for Water, Wastewater and Reclaimed Water Improvements Design-Build Services with Globaltech, Inc. (R2012-0159) for Water Quality Monitoring System in the amount of \$399,844.

Summary: On January 24, 2012, the Palm Beach County Board of County Commissioners approved the Contract for Water, Wastewater and Reclaimed Water Improvements Design-Build Services with Globaltech, Inc. (R2012-0159). This Work Authorization provides for installation of a distribution monitoring system. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The contract with Globaltech, Inc. provides for SBE participation of 75.00% overall. This authorization includes 97.58% overall participation. The cumulative SBE participation, including this work authorization, is 98.10% overall. Globaltech is a Palm Beach County and Certified SBE Company. (WUD Project No. 10-072) Districts 2, 3, 5 and 6 (JM)

Background and Justification: Palm Beach County Water Utilities Department is responsible for delivering safe drinking water to over 450,000 customers. In order to ensure safe drinking water, water quality monitoring equipment will be located at strategic locations within the water distribution system. The installation of the equipment will enhance security and facilitate regulatory compliance.

Attachments:

- 1. Location Map
- 2. Two (2) Original Work Authorization No. 5

Recommended By:  8/22/12
Department Director Date

Approved By:  9/4/12
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2012	2013	2014	2015	2016
Capital Expenditures	<u>\$399,844.00</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>\$399,844.00</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.: Fund 4001 Dept 720 Unit 2460 Object 4615

Is Item Included in Current Budget? Yes No

Reporting Category N/A

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

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

C. Department Fiscal Review: Debra M West

III. REVIEW COMMENTS

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

[Signature] 8/23/2012
OFMB
8/21 JB 8/21

[Signature] 8/31/12
Contract Development and Control
8-31-12 B Whelan

B. Legal sufficiency:

[Signature] 9/4/12
Assistant County Attorney

C. Other Department Review:

Department Director

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

ATTACHMENT – D
Project Location Map

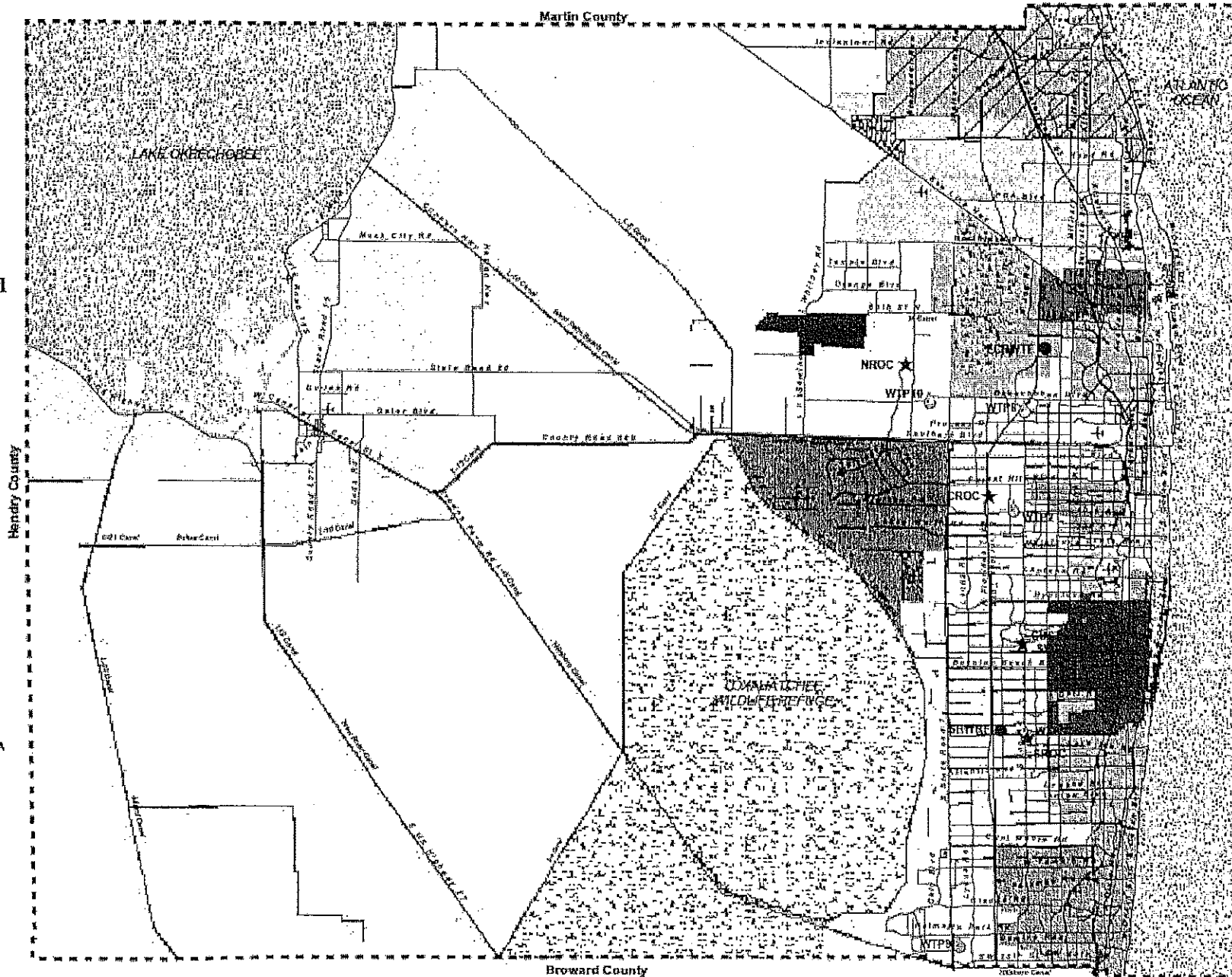


Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities

Attachment 1

Legend

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



WORK AUTHORIZATION NO. 5

Project No.: WUD 10-072

Budget Line Item No.: 4011-721-W006-6502

Project Title: Online Water Quality Monitoring System

District No.: Multiple

THIS AUTHORIZATION No. 5, to the Contract Water, Wastewater and Reclaimed Water Improvements Design-Build Services dated January 24, 2012 with an effective date of January 24, 2012 (Design/Build Contract R2012-0159), 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 97.58% overall participation. The cumulative SBE participation, including this authorization is 98.10% overall.

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

This Work Authorization provides design-build services to purchase and install multiple water quality monitoring systems at various locations in the water distribution system for the purpose of enhancing security.

See EXHIBIT A.
4. Services completed by the Design-Build Entity to date:

See ATTACHMENT E.
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 \$399,844.00
7. This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Design-Build Entity, the Design-Build Entity shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.
8. EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED, all other terms, conditions and obligations of the Contract dated 01/24/12 with an effective date of 01/24/12 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: _____
Shelley Vana, Chair

APPROVED AS TO FORM AND LEGAL
SUFFICIENCY

APPROVED AS TO TERMS AND
CONDITIONS

Assistant County Attorney

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

GLOBALTECH, INC.

RM
(Witness signature)

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

Rebecca Koontz
(Witness name printed)

8-1-12
(Date of execution)

Jennifer Laflam
(Witness signature)

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

Jennifer Laflam
(Witness name printed)

(Corporate Seal)

EXHIBIT A

WORK AUTHORIZATION NO. 5

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT DESIGN-BUILD SERVICES

SCOPE OF WORK FOR ONLINE WATER QUALITY MONITORING SYSTEM

INTRODUCTION

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

SCOPE OF SERVICES

This project includes the purchase and installation of three water security monitoring systems. The units will be installed at pre-selected locations in the distribution system. The monitoring system to be deployed has been pre-selected by PBCWUD based on proprietary monitoring technology for potable water system security.

Globaltech will purchase the units, install the units, sensors and probes, and provide all of the necessary permitting which may include:

- General Building Permit / PBC
- Electrical Permit / PBC
- Mechanical Permit / PBC
- FDEP/PBCHD Permit

Description of Services

This Scope of Services includes purchase of online water quality monitoring systems for installation. The following work will be accomplished for each site:

Task 1 – Administrative, Procurement, and Design Services

1. Issue Purchase Order for software.
2. Issue Purchase Order for monitoring systems.
3. Determine pot-holing or locate services required for project and execute those services.
4. Prepare design drawings and specifications for installation at each location to include mechanical, plumbing and electrical as required to obtain permits, procure materials, and complete installation.

5. Prepare detailed construction schedule to include as a minimum; site mobilization, detailed construction activities, scheduled shut downs and durations, equipment/material delivery times, testing, and startup and commissioning.
6. Schedule meetings, inspections, and testing with County staff.

Task 2 – Construction Services

1. Establish staging areas with County staff and/or plant superintendent at site; mobilize to facilities. Barricade work area, lock out/tag out electrical/mechanical systems in preparation for work.
2. Install monitoring systems and complete all mechanical, plumbing and electrical interface connections.
3. Schedule pre-startup testing and programming with vendor.

Task 3 – Commissioning Services

1. Procure startup and commissioning service from the designated vendors as described in their respective proposals.
2. Start-up for mechanical, plumbing and electrical systems designed and installed by Globaltech.
3. Transfer Warranty and Operation & Maintenance Manuals to Owner. Conduct Owner/Operator training as needed.
4. Close out permits with appropriate agencies.
5. Provide record drawings.

ASSUMPTIONS

1. County will make available all existing record drawings, submittals, equipment cut sheets, and programming/SCADA interface information as may be required to coordinate and complete this scope of services.
2. County and County's Consultant will review all submittals and provide comments within one calendar week and notify Globaltech of status.
3. System evaluation and selection, system specifications, and installation locations are provided by others.
4. All instrumentation and control hardware, all hardware interface, software (SCADA) interface and programming provided by others.
5. Restoration of sod and landscaping will be provided by County.
6. 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.
7. Final design and construction costs will be determined upon selection of distribution system monitoring equipment.

COMPENSATION

Compensation for Work Authorization No. 5 is a fixed price of \$399,844.00, inclusive of allowances. Attachment A provides the cost breakdown for the project.

PROJECT SCHEDULE

The milestone completion schedule is provided in Attachment B. A detailed construction activity schedule will be provided under Task 1.1 of this WA. Schedule is subject to performance by Owner's selected equipment vendor.

SBE-M/WBE PARTICIPATION

As prescribed under Provision A.3 of the CONTRACT, SBE-M/WBE participation is included in Attachment C under this Authorization. Schedule 1 to Attachment C defines the SBE-M/WBE participation.

ATTACHMENT – A	Compensation Summary
ATTACHMENT – B	Project Schedule
ATTACHMENT – C	SBE-M/WBE Schedule 1
ATTACHMENT – D	Project Location Map
ATTACHMENT – E	Authorization Status Report

PUBLIC CONSTRUCTION BOND

BOND NUMBER: K08687249

BOND AMOUNT: \$399,844.00

CONTRACT AMOUNT: \$399,844.00

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: Westchester Fire Insurance Company

SURETY'S ADDRESS: 436 Walnut Street, WA10F
Philadelphia, PA 19106

OWNER'S NAME: PALM BEACH COUNTY WATER UTILITIES DEPT.

OWNER'S ADDRESS: 8100 Forest Hill Boulevard (P. O. Box 16097)
West Palm Beach, FL 33416

OWNER'S PHONE: (561) 493-6000

DESCRIPTION OF WORK: Online Water Quality Monitoring System

PROJECT LOCATION:

LEGAL DESCRIPTION: Online Water Quality Monitoring System – Contract Number WUD 10-
072

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 (\$399,844.00)

(Three-hundred and ninety-nine-thousand, eight-hundred and forty-four 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: Online Water Quality Monitoring System
Project No.: WUD 10-072

Project Description: **This project includes the purchase, installation, and permitting of online water quality monitoring systems at three locations within the PBCWUD distribution system.**

Project Location:

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

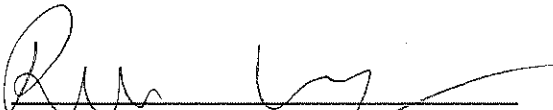
which contract is by reference made a part hereof in its entirety, and is hereinafter referred to as the Contract.

THE CONDITION OF THIS BOND is that if Principal:

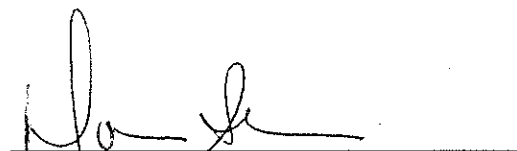
1. Performs the contract dated _____, between Principal and County for the design and construction of the Online Water Quality Monitoring System, the contract being made a part of

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



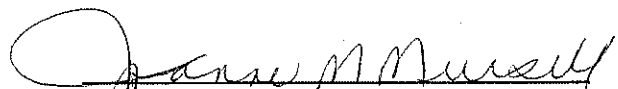
Witness

Principal (Seal)
GLOBALTECH INC



Title Vice President

Surety (Seal)
WESTCHESTER FIRE INSURANCE COMPANY



Title Joanne M. Mursell, Attorney-In-Fact

FORM OF GUARANTEE

GUARANTEE FOR (Contractor and Surety Name) Globaltech, Inc. and Westchester Fire Insurance Company.

We the undersigned hereby guarantee that the **Online Water Quality Monitoring System (WUD 10-072)**. 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:

Globaltech, Inc. (Seal)
(Contractor)

Joanne M. Mursell, Florida Resident Agent
(Agent)

By: [Signature]
(Signature)

By: [Signature]
(Signature)

Westchester Fire Insurance Company (Seal)
(Surety)

By: [Signature]
Joanne M. Mursell, Attorney-In-Fact (Signature)

END OF SECTION

Power of Attorney

WESTCHESTER FIRE INSURANCE COMPANY

Know all men by these presents: That WESTCHESTER FIRE INSURANCE COMPANY, a corporation of the Commonwealth of Pennsylvania pursuant to the following Resolution, adopted by the Board of Directors of the said Company on December 11, 2006, to wit:

RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
- (2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
- (3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (4) Each of the Chairman, the President and Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile or such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested.

Does hereby nominate, constitute and appoint Gerald J. Arch, James F. Murphy, Joanne M. Mursell, Michael A. Holmes, Shawn A. Burton, all of the City of FT LAUDERDALE, Florida, each individually if there be more than one named, its true and lawful attorney-in-fact, to make, execute, seal and deliver on its behalf, and as its act and deed any and all bonds, undertakings, recognizances, contracts and other writings in the nature thereof in penalties not exceeding Ten million dollars & zero cents (\$10,000,000.00) and the execution of such writings in pursuance of these presents shall be as binding upon said Company, as fully and amply as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office.

IN WITNESS WHEREOF, the said Stephen M. Haney, Vice-President, has hereunto subscribed his name and affixed the Corporate seal of the said WESTCHESTER FIRE INSURANCE COMPANY, this 8 day of February 2012.

WESTCHESTER FIRE INSURANCE COMPANY



Stephen M. Haney
Stephen M. Haney, Vice President

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF PHILADELPHIA ss.

On this 8 day of February, A.D. 2012 before me, a Notary Public of the Commonwealth of Pennsylvania in and for the County of Philadelphia came Stephen M. Haney, Vice-President of the WESTCHESTER FIRE INSURANCE COMPANY, to me personally known to be the individual and officer who executed the preceding instrument, and he acknowledged that he executed the same, and that the seal affixed to the preceding instrument is the corporate seal of said Company, that the said corporate seal and his signature were duly affixed by the authority and direction of the said corporation, and that Resolution, adopted by the Board of Directors of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at the City of Philadelphia this day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
KAREN E. BRANDT, Notary Public
City of Philadelphia, Phila. County
My Commission Expires September 26, 2014

Karen E. Brandt
Notary Public

I, the undersigned Assistant Secretary of the WESTCHESTER FIRE INSURANCE COMPANY, do hereby certify that the original POWER OF ATTORNEY, of which the foregoing is a substantially true and correct copy, is in full force and effect.

In witness whereof, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of the Corporation, this _____ day of _____.



William L. Kelly
William L. Kelly, Assistant Secretary

THIS POWER OF ATTORNEY MAY NOT BE USED TO EXECUTE ANY BOND WITH AN INCEPTION DATE AFTER February 08, 2014

FORM NO. 8800S



ATTACHMENT - A
Compensation Summary

08/21/12

120328: PBC Online WQ Monitoring WA-5
WUD 10-072: PBC Water Utilities Department

Assembly#	Description	Unit	Quantity	Cost	Ext. Cost	6% Sales Tax	Markup*	Ext. Price	
Bid Item: 1 General Conditions									
1	Temporary Facilities	LOT	3.00	95.0000					
L	Sanitary	Month	3.00	95.0000	285.00		1.1500	327.75	
2	General Conditions	LOT	1.00	15,994.3500					
L	Submittal Labor	HR	10.00	63.1400	631.40		1.2992	820.31	
L	Progress Meeting	HR	10.00	64.7100	647.10		1.2992	840.71	
L	Scheduling Labor	HR	30.00	63.1400	1,894.20		1.2992	2,460.94	
L	Construction PM	HR	40.00	63.1400	2,525.60		1.2992	3,281.26	
L	Construction Superintendent	HR	45.00	65.5000	2,947.50		1.2992	3,829.39	
L	Startup Crew	CR-D	3.00	1,014.3000	3,042.90		1.2992	3,953.34	
L	Punch Out Crew	CR-D	3.00	1,014.3000	3,042.90		1.2992	3,953.34	
L	Purchasing & Subcontracts	HR	10.00	63.1350	631.35		1.2992	820.25	
L	Safety	HR	10.00	63.1400	631.40		1.2992	820.31	
					Bid Item Totals:	16,279.35			21,107.60
Bid Item: 2 Sitework									
2001	Mobilization	LOT	3.00	1,021.7100					
L	Construction PM	HR	12.00	63.1400	757.68		1.2992	984.38	
L	Construction Superintendent	HR	12.00	65.5000	786.00		1.2992	1,021.17	
L	Mobilization Crew	CR-D	1.50	1,014.3000	1,521.45		1.2992	1,976.67	
2002	Demob	LOT	3.00	1,221.7100					
L	Construction PM	HR	12.00	63.1400	757.68		1.2992	984.38	

PBC ATTACHMENT

08/21/12

Continued...

Assembly#	Description	Unit	Quantity	Cost	Ext. Cost	6% Sales Tax	Markup*	Ext. Price
L	Construction Superintendant	HR	12.00	65.5000	786.00		1.2992	1,021.17
L	Demobilization Crew	CR-D	1.50	1,014.3000	1,521.45		1.2992	1,976.67
L	Waste Hauling	LOT	3.00	200.0000	600.00		1.1500	690.00
Bid Item Totals:					6,730.26			8,654.44
Bid Item:	5 Metals							
5050	Misc Metals	EA	3.00	2,558.6000				
L	SS Unistrut 316 (DEEP)	Ea	12.00	120.0000	1,440.00	86.40	1.1500	1,755.36
L	SS Unistrut Hardware	LOT	3.00	50.0000	150.00	9.00	1.1500	182.85
L	Cut and install unistrut	CR-D	6.00	1,014.3000	6,085.80		1.2992	7,906.67
Bid Item Totals:					7,675.80	95.40		9,844.88
Bid Item:	9 Coatings							
9000	Finishes	LOT	3.00	2,103.6000				
L	Prep, Coat, Cleanup	CR-D	6.00	1,014.3000	6,085.80		1.2992	7,906.67
L	Coatings	LOT	3.00	75.0000	225.00	13.50	1.1500	274.28
Bid Item Totals:					6,310.80	13.50		8,180.95
Bid Item:	11 Equipment							
11000	Equipment	LOT	1.00	238,311.9000				
L	Monitors	EA	1.00	113,747.0000	113,747.00	6,824.82	1.1500	138,657.59
L	Install Monitors	CR-D	3.00	1,014.3000	3,042.90		1.2992	3,953.34
L	Detectors	LOT	1.00	116,652.0000	116,652.00		1.1500	134,149.80
L	Start Up Services	LOT	1.00	4,870.0000	4,870.00		1.1000	5,357.00
Bid Item Totals:					238,311.90	6,824.82		282,117.73
Bid Item:	15 Mechanical							
15050	Mechanical Materials & Methods	LOT	3.00	2,628.6000				
L	Layout/Install 1" Pipe, Fittings & Valve	CR-D	6.00	1,014.3000	6,085.80		1.2992	7,906.67
L	SCH 80 PVC/CPVC Pipe & Ftgs	LOT	3.00	600.0000	1,800.00	108.00	1.1500	2,194.20
Bid Item Totals:					7,885.80	108.00		10,100.87

Continued...

Assembly#	Description	Unit	Quantity	Cost	Ext. Cost	6% Sales Tax	Markup*	Ext. Price
Bid Item:	16 Electrical							
	Electrical Sub	EA	3.00	1,600.0000	4,800.00		1.1000	5,280.00
					Bid Item Totals:			5,280.00
Bid Item:	18 Tools & Equipment							
18001	Tools & Consumables	LOT	1.00	450.0000				
	L Misc Tools	LOT	1.00	250.0000	250.00		1.1500	287.50
	L Tap Cons	LOT	1.00	100.0000	100.00		1.1500	115.00
	L Saw Blade	LOT	1.00	50.0000	50.00		1.1500	57.50
	L Misc Consumables	LOT	1.00	50.0000	50.00		1.1500	57.50
					Bid Item Totals:			517.50
Bid Item:	25 Allowance							
	Allowance	LOT	1.00	25,000.0000	25,000.00		1.0000	25,000.00
					Bid Item Totals:			25,000.00
Bid Item:	50 Engineering							
	Engineering	LOT	1.00	19,875.0300	19,875.03		1.0000	19,875.03
					Bid Item Totals:			19,875.03
Bid Item:	60 Bonding							
	Bonds & Certifications	LOT	1.00	7,969.5690	7,969.57		1.1500	9,165.00
					Bid Item Totals:			9,165.00
					Grand Totals:	341,288.51	7,041.72	399,844.00

Note: All materials include an additional 6.0% markup for FL State sales tax. Markup is applied after tax is added to the Ext. Cost.

* Materials = 15%, Subcontractors = 10%, Labor at Burden = 29.92% (12% G&A x 16% Profit & Overhead), Engineering = See next page for Engineering Summary

ATTACHMENT - A

WA-5 Online Water Quality Monitoring System (WUD 10-072)

Engineering Summary

Task	Task Description	E6	E4	T5	Office	Office	Total Labor	*Sub-Consultant Services	Sub-Consultant
		\$54.81	\$42.31	\$27.46	\$23.32	\$15.00			
1	Project Management/Coordination								
	Project Management/Coordination	12	36		2	8			
	Procurement	1			2	2			
	Submittals	2				2			
	Meetings/Coordination	4							
	Permitting	2				2			
	Closeout	2	4		4	4			
	Subtotal Task 1	23	40	0	8	18	\$ 3,409.59		
2	Design Drawings								
	Cover/Legend/Details	2		6					
	Floor Plan/Details	2	8	20					
	Conduit/Cable		8	8					
	Record Drawings		6	6		2			
	Subtotal Task 2	4	22	40	0	2	\$ 2,278.46		
3	Construction Services								
	Site Visits/Observations	12				4			
	Meetings	2							
	Startup	2							
	Subtotal Task 3	16	0	0	0	4	\$ 936.96		
	Labor Subtotal Hours	43	62	40	8	24			
	Labor Raw Costs	\$2,356.83	\$2,623.22	\$1,098.40	\$186.56	\$360.00			
	Labor Multiplier	3.00	3.00	3.00	3.00	3.00			
	Labor Subtotal	\$7,070.49	\$7,869.66	\$3,295.20	\$559.68	\$1,080.00			
	Labor Total						\$19,875.03		
	Subconsultant Labor Total							\$ -	
	Subconsultant Multiplier							1.1	
	Subcontract Total							\$ -	
	Reimbursable Expenses							\$ -	
	ENGINEERING TOTAL							\$19,875.03	

ATTACHMENT - B

PROJECT SCHEDULE WA-5: Online Water Quality Monitoring System (WUD 10-072)

SCHEDULE

The completion dates for this work will be as follows:

Services	Substantial Completion ¹	Final Completion ¹
Procure Bio-monitoring Systems		100 days from NTP
Engineering	45 days	60 days
Installation Location (by others)		60 days from NTP
Permitting		60 days from application
Construction	160 days	190 days

⁽¹⁾ Pending receipt of required permits.

ATTACHMENT - C

SCHEDULE #1

LIST OF PROPOSED SBE-M/WBE PRIME/SUBCONTRACTORS

PROJECT NAME: WA-5: Online Water Quality Monitoring System PROJECT NUMBER: WUD 10-072

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: _____ DEPARTMENT: _____

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES

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. (See above for Address and Number)		✓	\$0.00	\$0.00	\$0.00	\$390,174.00	\$0.00
			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PRIME CONTRACTOR TO COMPLETE:		TOTAL:	\$0.00	\$0.00	\$0.00	\$390,174.00	\$0.00
BID PRICE: <u>\$399,844.00</u>	Total Value of SBE Participation:		<u>\$390,174.00</u>				

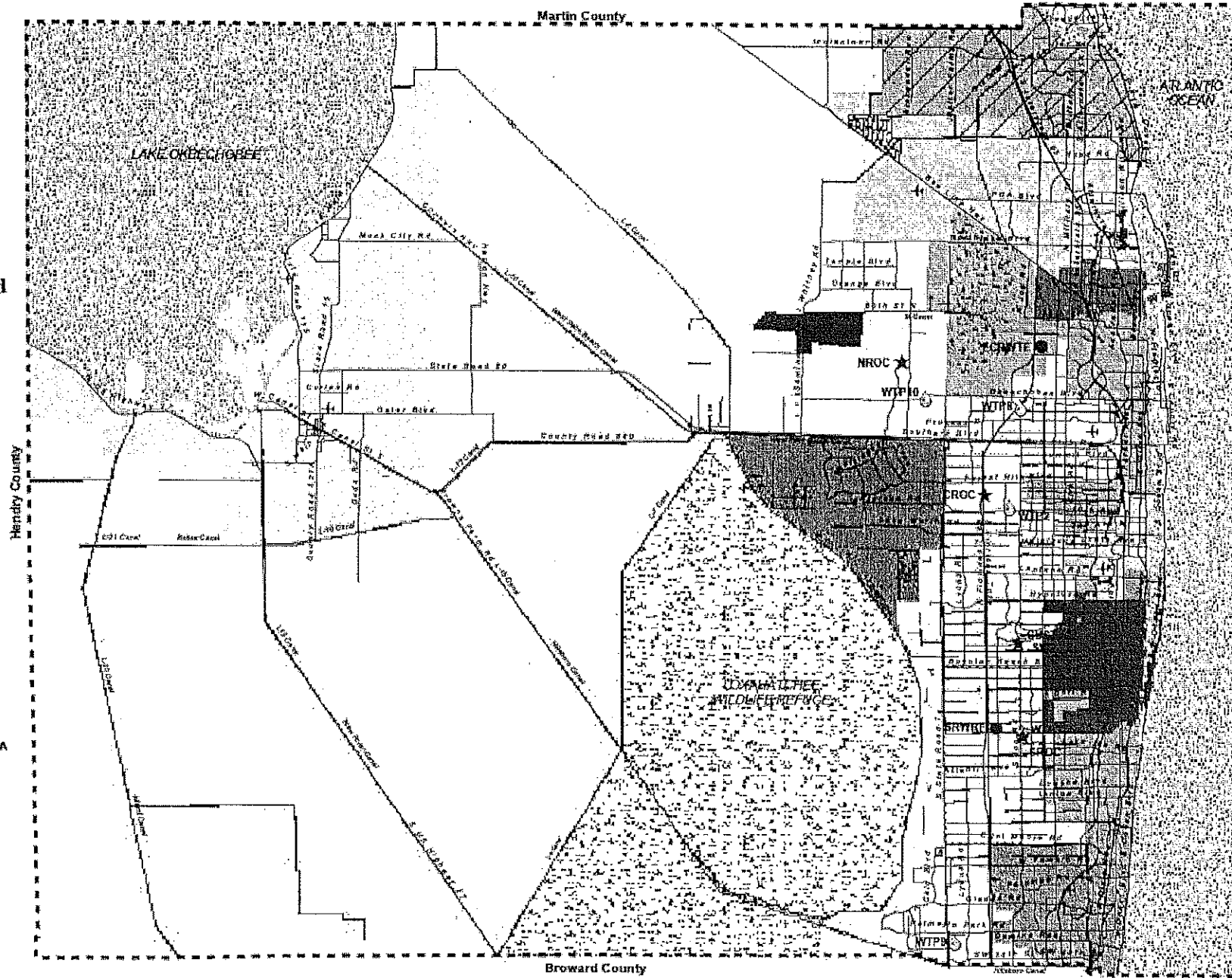
- NOTE:
1. The amount listed on this form for a Subcontractor must be supported by price or percentage included on Schedule 2 or a proposal from each Subcontractor listed in order to be counted toward goal attainment.
 2. Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms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

**ATTACHMENT – D
Project Location Map**



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

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



WA-5 Online Water Quality Monitoring System WUD No. 10-072

