

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: December 18, 2012 Consent [X] Regular []
Public Hearing []

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Supplement No. 2 to Work Authorization No. 49 with Globaltech, Inc. (R2008-2323) for Lake Region Water Treatment Plant (LRWTP) Floridan Aquifer Production Well 8 increasing the contract time by 180 days at no additional cost.

Summary: On June 21, 2011, the Palm Beach County Board of County Commissioners (BCC) approved Work Authorization No. 49 with Globaltech, Inc. (R2008-2323) for LRWTP Floridan Aquifer Production Well 8 in the amount of \$1,459,740. This Supplement increases the contract time by 180 days at no additional cost to allow for project completion within 545 days. The original Work Authorization included the design, permitting and installation of a new Floridan Aquifer Production Well 8 at LRWTP with a project schedule of 365 days to attain final completion. A time extension of 180 days is requested due to delays for relocation of an existing overhead power line, custom fabrication of the stainless steel wellhead tee, and the addition of a variable frequency drive to adjust the flow rate of the well. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% overall. The contract with Globaltech, Inc. provides for SBE participation of 75% overall. This Supplement includes no additional SBE participation. The cumulative SBE participation, including this Supplement is 76.61% overall. Globaltech, Inc. is a Palm Beach County company. (WUD Project No. 11-113) District 6 (JM)

Background and Justification: On June 21, 2011, the BCC approved Work Authorization No. 49 with Globaltech, Inc. for the design and construction of LRWTP Floridan Aquifer Production Well 8. Supplement No. 1 converted the project to a Lump Sum project and reduced the project cost to \$1,357,726 and was approved by the Contract Review Committee on March 21, 2012. This Supplement No. 2 will authorize the Contractor additional time due to delays caused by revisions required during construction.

Attachments:

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

Recommended By:  11/9/12
Department Director Date

Approved By:  12/3/12
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2013	2014	2015	2016	2017
Capital Expenditures	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
 NET FISCAL IMPACT	 <u>0</u>	 <u>0</u>	 <u>0</u>	 <u>0</u>	 <u>0</u>
 # ADDITIONAL FTE POSITIONS (Cumulative)	 <u>0</u>	 <u>0</u>	 <u>0</u>	 <u>0</u>	 <u>0</u>

Budget Account No.: Fund _____ Dept _____ Unit _____ Object _____

Is Item Included in Current Budget? Yes _____ No _____

Reporting Category N/A

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

No Fiscal Impact

C. Department Fiscal Review: Selma M West

III. REVIEW COMMENTS

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

<p><u> N. Dixon </u> 11/13/12 OFMB 4/19 JB 2/24/12</p>	<p><u> Dr. J. Jacobson </u> 11/30/12 Contract Development and Control 11-29-12 B. Wheeler</p>
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B. Legal Sufficiency:

 James C. Mayo 11/30/12
 Assistant County Attorney

C. Other Department Review:

 Department Director

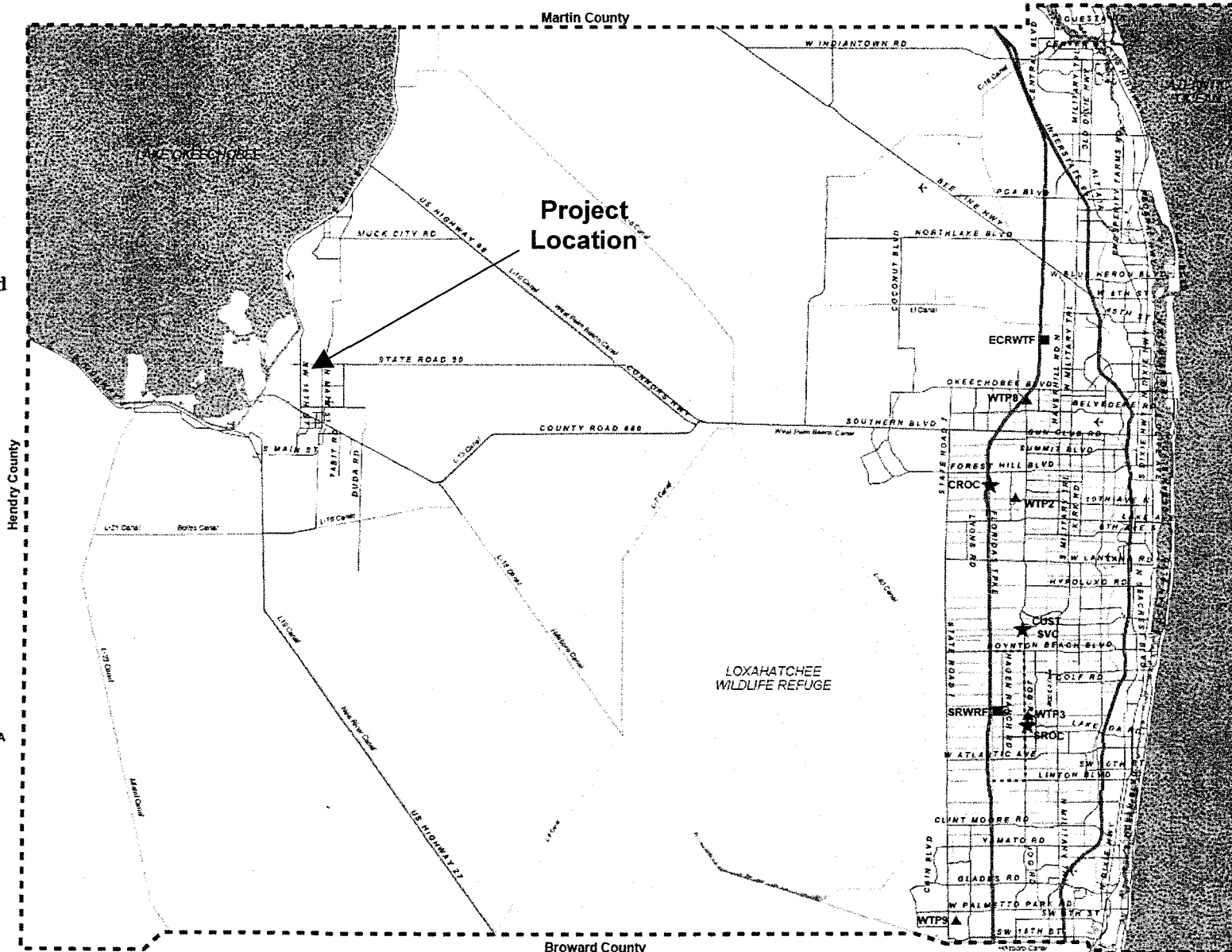
This summary is not to be used as a basis for payment.

Attachment D – Location Map

Attachment 1



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. 49 – SUPPLEMENT 2

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 SUPPLEMENT 2 TO WORK 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 Supplement 2 to Work Authorization 49 provides for 0.00% additional participation. The cumulative SBE participation, including this authorization is 76.61% 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:

Work Authorization 49, Lake Region WTP Floridan Aquifer Production Well (PW-8) project was approved on June 21, 2011 with an initial Guaranteed Maximum Price (GMP) estimate of \$1,459,740.00 inclusive of allowances. Supplement 1 to Work Authorization 49 converted the project to a Lump Sum project and reduced the fee to \$1,357,726.00. This Supplement 2 to Work Authorization 49 represents a 180 day time extension to the project for changes in the project scope and for unforeseen conditions. A fee increase is not associated with this Supplement 2.

See EXHIBIT "A".

4. Services completed by the Design-Build Entity to date:
See EXHIBIT "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. Lump Sum, Not to Exceed Price of \$ (no fee increase).
 - C. Guaranteed Maximum Price of \$ N/A

ATTACHMENT 2

PROJECT NO. WUD 11-113

AUTHORIZATION NO. 49.2

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: _____
Chair

APPROVED AS TO FORM AND LEGAL
SUFFICIENCY

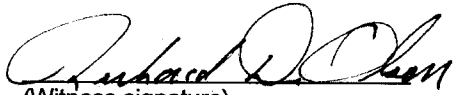
APPROVED AS TO TERMS AND
CONDITIONS

Assistant County Attorney

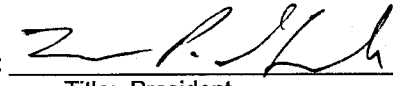


Bevin A. Beaudet, Director
Water Utilities Department

GLOBALTECH, INC.



(Witness signature)

By: 

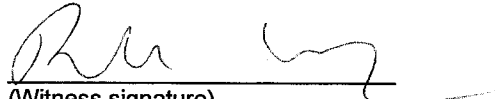
Title: President
Florida

(Insert state of corporation)

Richard Olson

(Witness name printed)

(Date of execution)



(Witness signature)

Rebecca Koontz

(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 – SUPPLEMENT 2

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

Work Authorization 49, Lake Region WTP Floridan Aquifer Production Well (PW-8) project was issued with an initial GMP estimate of \$1,459,740.00 inclusive of allowances. Supplement 1 modified the original project to a lump sum accounting basis and reduced the fee by \$102,014.00 (Revised fee \$1,357,726.00). This Work Supplement 2 to Work Authorization 49 requests only to amend the original and supplemented Work Authorization to reflect time required to complete additional work and to address unforeseen conditions.

Modifications to Scope

During the execution of Work Authorization 49, several issues arose that changed the project scope. Funding for the additional items were addressed through accessing the project allowance. However, the occurrence of these issues has resulted in a request for additional time required to complete the project. Specifically, the following actions resulted in the need to request a time extension:

- Prior to the mobilization of the drill rig, it was determined that an overhead power line running between the GUA and LRWTP parcels needed to be relocated. The act of relocating the power line was simple, however, the permit associated with relocating the line opened the issue of electrical deficiencies at the GUA site. Correcting these deficiencies resulted in 42 day project delay.
- The designer of LRWTP Production Well 8 elected to substitute a smaller interior well casing. This change resulted in a redesign of the well-head. This activity required significant coordination between PBCWUD, the Well design professional and Globaltech. The redesign of the well-head resulted in a 28 day extension.

- Based on the redesigned wellhead, a stainless steel tee and spool piece had to be custom fabricated. The fabrication and delivery process resulted in a 56 day project delay.
- At the request of PBCWUD, a VFD drive was added to Well 8 to assist in controlling bypass blending. The design for the VFD paralleled the well-head modifications, however, the manufacture and delivery of the VFD will require an additional 54 days. As a result, Globaltech will temporarily complete the well using the original electrical system to meet the project grant deadline. Upon arrival, the VFD will be installed to provide operational efficiency.

COMPENSATION

No change to the project fee is requested with the Supplement 2 to Work Authorization 49. The Lump Sum fee (inclusive of allowances) shall remain at \$1,357,726.00.

SCHEDULE

Attachment B provides the original Substantial and Final Completion dates along with the time extension.

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

ATTACHMENT - A

BUDGET SUMMARY

The Budget Summary is intentionally left blank as no changes to the project budget are requested.

ATTACHMENT - B

PROJECT SCHEDULE

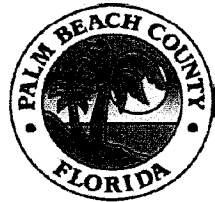
SCHEDULE

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> ⁽¹⁾	<u>Final Completion</u> ⁽¹⁾
Construction	335 days (7/04/12)	365 days (8/03/12)
Electrical Delay		42 days
Well-head Design		28 days
Fabrication		56 days
VFD Installation		54 days
Revised Comp.Dates	11/15/12	1/30/13

⁽¹⁾ Completion times do not include time required for permitting.

Attachment D – Location Map



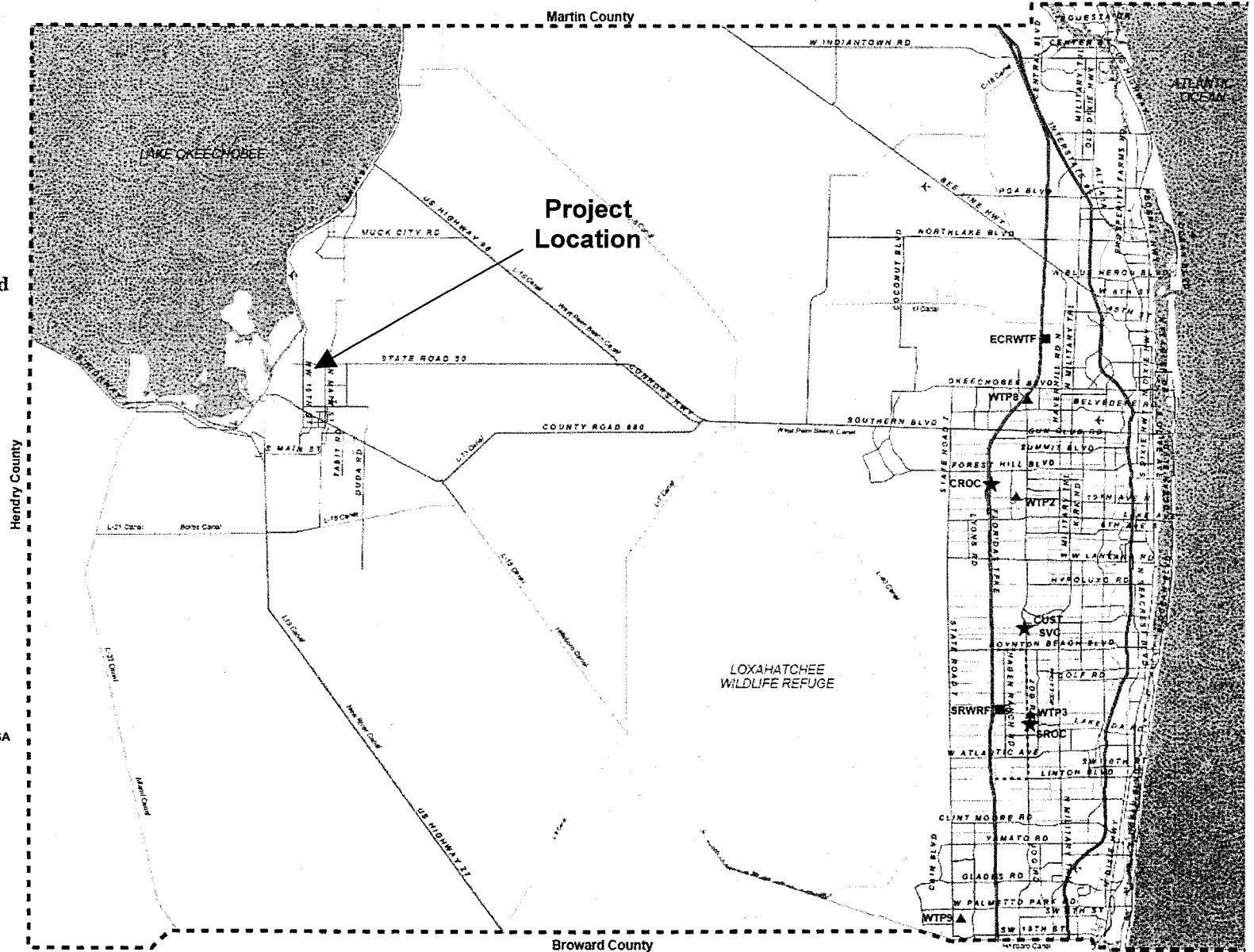
Palm Beach County
Water Utilities
Department
Service Area (SA) and
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Legend

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



NOT TO SCALE



WA 49.2 – Lake Region WTP Floridan Aquifer Production Well 8 WUD Project No. 11-113

EXHIBIT - B

AUTHORIZATION STATUS REPORT

October 29, 2012

(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-8.3	WTP 3 / SROC DIW Blending - Supplement 3	Approved	\$19,071.00	10/26/2011	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	Approved	\$112,417.00	7/18/2011	11-107	GT 10-20-212
CSA-11.1	WTP 2 Transfer Pumps - Supplement 1	Approved	\$2,725.00	9/12/12	11-107	GT 10-20-212
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	GT 10-20-225
CSA-13.1	WTP 8 Elevated Walkway - Supplement 1	Approved	-\$15,969.00	5/20/2011	11-089	GT 10-20-225
CSA-14	WTP 3 Groundwater Rule Improvements	Approved	\$46,210.00	3/10/2011	10-034	GT 11-20-241
CSA-16	South Bay Repump Station Improvements	Approved	\$30,992.00	12/08/11	12-030	GT 11-20-280
CSA-17	Lake Clarke Shores Rechlorination Facility	Approved	\$47,293.20	12/16/11	12-037	GT 11-20-282
CSA-17.1	Lake Clarke Shores Rechlorination Facility - Supplement 1	Approved	\$0.00		12-037	GT 11-20-282
CSA-18	WTP 2 Wellfield Electrical Upgrades	Approved	\$25,218.00	12/16/11	12-038	GT 11-20-285
CSA-18.1	WTP 2 Wellfield Electrical Upgrades - Supplement 1	Approved	\$0.00	7/17/12	12-038	GT 11-20-285
	Total CSAs		\$801,367.20			

EXHIBIT - B

AUTHORIZATION STATUS REPORT

October 29, 2012

(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	NA	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			NA	NA	NA
WA-22	Belle Glade Hypochlorite Improvements			NA	NA	NA
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	Approved	\$298,000.00	9/13/2011	10-034	GT 10-20-133
WA-25.1	WTP 3 Ground Water Rule Improvements Supplement 1	Approved	\$19,183.00	3/20/2012	10-034	GT 10-20-133
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

Date: 10/29/2012

EXHIBIT - C

AUTHORIZATION STATUS REPORT OPTIMIZATION AND IMPROVEMENTS DESIGN-BUILD CONTRACT

(CONTINUED)

SUMMARY AND STATUS OF
SBE / MINORITY BUSINESS TRACKING SYSTEM
WA-49.2 / Lake Region WTP Floridan Aquifer Production Well 8

	Total
Current Proposal	
Value of Consultant Service Authorization	\$0.00
Value of Work Authorization	\$0.00
Value of CSA and WA	\$0.00
Value of SBE Minority Letter of Intent	\$0.00
Signed / Approved Authorizations	
Total Value of Approved Consultant Service Authorization	\$801,367.20
Total Value of Approved Work Authorization	\$11,421,871.44
Total Value of CSAs and WAs	\$12,223,238.64
Total Value of SBE Signed Subcontracts	\$9,364,962.64
Actual Percentages	76.61%
Signed Authorizations Plus Current Proposal	
Total Value of Approved CSAs Plus Current CSA Proposal	\$801,367.20
Total Value of Approved WAs Plus Current WA Proposal	\$11,421,871.44
Total Value of Approved and Proposed CSAs and WAs	\$12,223,238.64
Total Value of SBE Subcontracts and Letters of Intent	\$9,364,962.64
Actual Percentages	76.61%
GOAL	75%