#### PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

#### AGENDA ITEM SUMMARY

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

**Motion and Title: Staff recommends motion to approve:** Change Order No. 2 to the Contract with Globe Tec. Construction, Inc.(R2006-1949) for the Lake Region Water Treatment Plant Pipeline increasing the contract price by \$74,330 and providing a 25-day time extension.

**Summary:** Change Order No. 2 authorizes the Contractor to revise water meter installations, install utilities across Hooker Highway, and construct additional service lines along State Road 715. The Contractor has requested a 25-day time extension to complete these improvements. Total change orders to date, excluding the \$4,663,128.08 sales tax recovery program change order, equal \$74,330 (0.50% increase). The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15.00% overall. This Change Order includes zero SBE participation. This contract with Globe Tec, Inc. provides for SBE participation of 15.19% overall.

(WUD Project No. 03-169) <u>District 6</u> (JM)

**Background and Justification:** The Cities of Belle Glade, Pahokee and South Bay, as well as the unincorporated areas of the Lake Region, are facing many challenges regarding public water supply. These challenges include difficulty to treat Lake Okeechobee water, decaying treatment plants, a rapidly changing regulatory environment and funding shortages. In order to help resolve this situation, the Board of County Commissioners approved Bulk Water Service Agreements on February 3, 2004 with the cities of Belle Glade (R2004-0245), Pahokee (R2004-0246) and South Bay (R2004-0247) for the construction of a new Lake Region Water Treatment Plant. New finished water pipelines are required to connect the new Water Plant to the Cities existing water distribution systems. On September 12, 2006, the Board approved contract with Globe Tec construction (R2006-1949), allowing the County to Construct the Lake Region Water Treatment Plant Plant Pipeline in the unincorporated area in the amount of \$14,790,815. This Change Order will revise water meter installations, install utilities across Hooker Highway, construct additional service lines along State Road 715, and provide the Contractor a 25-day time extension.

#### Attachments:

- 1. Location Map
- 2. Two (2) Original Change Order No. 2

<u>JT //(407</u> Date Recommended By: partment Directo Approved By: Assistant County

## II. FISCAL IMPACT ANALYSIS

# A. Five Year Summary of Fiscal Impact:

Fiscal Years	2007	2008	2009	2010	2011
Capital Expenditures External Revenues Program Income (County)	<u>\$74,330.00</u> 0 0	<u>0</u> 0	0 0 0	0 0 0	0 0 0
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$74,330.00</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>Q</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Budget Account No.:	Fund <u>4011</u>	Dept <u>721</u>	Unit <u>WO</u>	26 Object	<u>6541</u>

Is Item Included in Current Budget?

Yes X No

Reporting Category N/A

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

One time capital expenditure from Water Utilities Department user fees, connection fees and balance brought forward.

C. Department Fiscal Review:

Lebra MWest

## III. REVIEW COMMENTS

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

egal Sufficiency: Β.

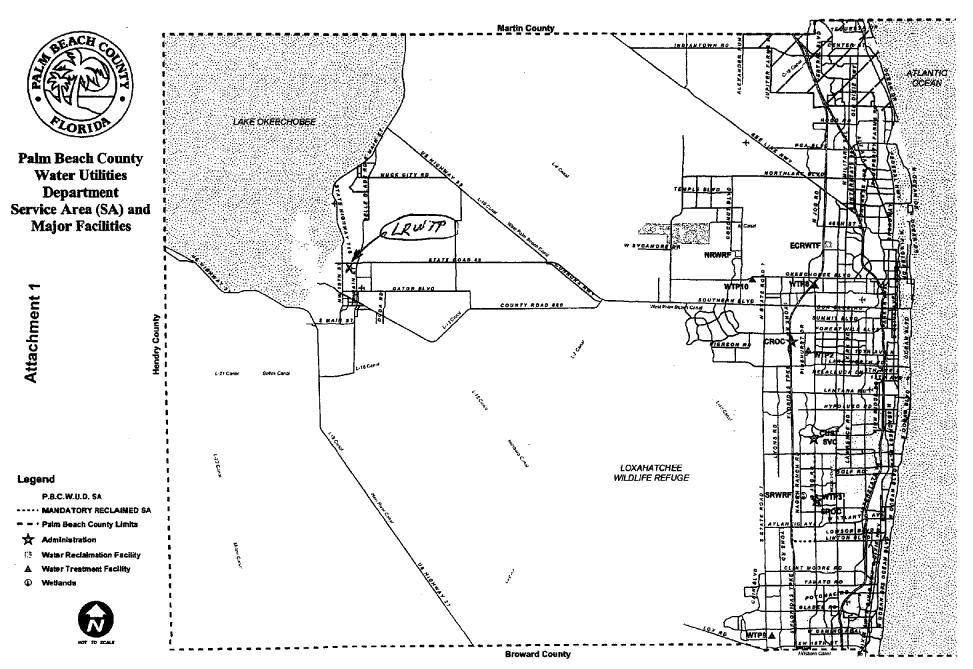
C. Other Department Review:

Department Director

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

17/07

This item complies with current County policies.



	PROJECT: Lake Region Wate WATER UTIL. DEPT. PROJECT DISTRICT NUMBER: 6 CHANGE ORDER NO.: Two (2)		ine	•
4774	e Tec Construction Inc. N. Powerline Rd field Beach, FL. 33073	DOCUMENT NO. CONTRACT DATE: NOTICE TO PROCEED: BUDGET LINE ITEM:	R2006-194 Sept. 12, Jan. 8, 2 4011-721-	2006
<b>You</b> 1.	are directed to make the for 5" PVC Conduits crossing Ho		s contrac	<b>t:</b> \$14,435.00
2.	8" wm and 16" WM across Hoo	oker Highway.		\$49,650.00
3.	Connect to existing 8" wm t	for PBCC @ station 53+0	0.	\$16,890.00
4.	Two Water Services along SI	R 715		\$7,181.00
5.	Connect to 6" wm @ Belle G	lade meter Station.		\$12,420.00
6.	Re-design South Bay meter s	site.		(\$7,394.00)
7.	Redesign Belle Glade South	meter site.		\$1,939.00
8.	Redesign Belle Glade WTP me	eter site.	(	\$17,330.00)
9.	Redesign Pahokee WTP meter	site.		\$3,435.00
10.	Redesign Belle Glade meter	site.	(	\$10,460.00)
11.	Redesign driveways for Well	l sites.		\$3,564.00
12.	Time extension (25 days Pha	ase I and II).		0.00
			Total	\$74,330.00

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT HEREWITH INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

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The Original Contract Sum was ..... **§14,790,815.00** (4,663,128.08 Net Change by previous Change Orders ..... The Contract Sum prior to this Change Order was ..... \$10,127,686.92 The Contract Sum will be increased by this Change Order .... \$ 74,330.00 \$10,202,016.92 The New Contract Sum indicating this Change Order will be... (25) Days The Contract Time for will be increased by 25 days ..... Substantial Compl.Ph I including in this change Order: Nov.02, 2007 Substantial Compl. Ph II including in this change Order Feb.02, 2008 The date of Final Compl.Including this Change Order: April 2, 2008 \_\_\_\_\_ EXECUTION OF THIS CHANGE ORDER ACKNOWLEDGES FINAL SETTLEMENT OF, AND RELEASES, ALL CLAIMS FOR COSTS AND TIME ASSOCIATED, DIRECTLY OR INDIRECTLY, WITH THE ABOVE STATED MODIFICATION (S), INCLUDING ALL CLAIMS FOR CUMULATIVE DELAYS OR DISRUPTIONS RESULTING FROM, CAUSED BY, OR INCIDENT TO SUCH MODIFICATION (S) CONSTITUTES IN WHOLE OR PART, A CARDINAL CHANGE TO THE CONTRACT.

CONTRACT.

Globe Tec Inc

Palm Beach County

Tosuch Guardi, PE' ENGINEER

P.O. Box 16097 Address WPB, Florida 33416

BY 6-7-07 DATE

V. <u>P</u>. Jorge toute, OWNER: CONTRACTOR 4774 N. POWERANE R.S. P.O. Box 16097 Address Address DEERESED BEACH, 12 330-73 WPB, FL 33416 BY-2-2007 DATE DATE

Sharon R. Bock, Clerk

And Comptroller:

Palm Beach County

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

\_ (Corporate Seal)

Deputy Clerk

ATTEST:

County Attorney

#### CHANGE ORDER CATEGORIZATION

X OWNER INITIATED	QUANTITY OVERRUNS/UNDER-RUNS
DIFFERING SITE CONDITIONS	REQUEST BY ANOTHER AGENCY/OUTSIDE
ZONING/CODE/ORDINANCE CHANGES	A. REIMBURSABLE
ERRORS/OMISSIONS/IN DESIGN	B. NON-REIMBURSABLE

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#### SCOPE OF WORK

2.1 See attached Scope of work.(Owner Initiated)

#### COST SUMMARY

<u>c.o. #</u>	DESCRIPTION	ADDITIONS	(DELETIONS)	NET CHANGE
2.1	Attached Scope of Work	74,330.00		74,330.00

TOTAL

\$74,330.00



Letter No. : 2006 / 00004 Via : Fax Transmittal 561-493-6113

May 22<sup>nd</sup>, 2007

Palm Beach Co Water Utilities Deptm 8100 Forest Hill Blvd. West Palm Beach, FL 33413

Att. : Joseph Tanacredi, P.E Project Manager

Re: Lake Region WTP Transmission System. Project No. WUD 03-169
Subject: Proposed Change Order # 02 – Revised Civil Drawings.

Dear Mr. Tanacredi:

We are in receipt of Civil Drawings No. CIV-2 revised on 11/15/06, CIV-8 revised on 10/12/06, CIV-10 revised on 12/05/06, CIV-14 revised on 11/15/06, CIV-28 revised on 10/12/06, CIV-32 revised on 10/16/06, CIV-48 and CIV-48-A revised on 1/30/07, DTL-3,4,5 and 6 revised on 11/15/06 for the above referenced project. After review of these revised drawings, we have determined the additional scope of work, which differ from our original contract documents, as described in the attached spreadsheet.

Pursuant to your request, and subject to a mutually acceptable agreement, our lump sum price proposal to perform to above work equates to \$ 74,330.00.

In addition to this monetary change, we are hereby requesting a Contract Time Extension of 25 calendar days (for both Phase 1 and Phase 2) required for this additional extra work effort.

This proposal is valid for 30 days and is subject to change due to errors or omissions.

Please review and prepare the aforementioned Change Order as soon as possible so we can proceed with the material procurement process and schedule the work.

Please do not hesitate to contact me with if you need further information. I am available to discuss our proposal and any questions you may have concerning such.

Sincerely Liv Alex Carstends

Alex Carstens Project Manager Encl: C.O. #2 – Scope of Work Spreadsheet. cc:File

GlobeTec Construction, LLC 4774 N. Powerline Road • Deerfield Beach , Florida 33073 • Phone : 954-590-3305 • Fax : 954-590-3307 GLOBETEC CONSTRUCTN

PAGE 02/02

5/23/2007

GLOBETEC Construction, LLC 4774 N. Powerline Rd. Deerfiled Beach, FL 33327

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PBCWUD LAKE REGION WTP TRANSMISSION SYSTEM

Proposed Change Order # 2

#### Change Order # 2 - Revised Contract Drawings

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tem#	Sheet	Description and Scope of Work	Cost
1	CIV-48 & CIV-48A	5" PVC Conduits across Hooker Hwy:	\$14,435.00
'		- Install 100 If of 3 ea x 5" PVC Conduit	
		- 6" Concrete with red dive on top of conduits.	
		<ul> <li>Asphalt Trench Restoration not included (To be billed separately as per contract unit price)</li> </ul>	
		- All 5" PVC conduit materials and accessories to be provided by others.	
ļ			
2	CIV-48 & CIV-48A	8" WM and 16" WM across Hooker Hwy and into LRWTP (Additional cost over & above bid	\$49,650.00
4		items # 64, 39, 51, 59 & 80)	
		Additional scope of work for Bid Item # 64; 8" GV (1 ea), 8" DIP Pipe (25 if)	
		- 16" W/M /edditional fontage, fiftings, valves, sample points, etc., per contract unit prices.)	
		- 30" x 16" Tapping Sleeve and Tapping Valve to connect to existing 30" WM at WTP.	1
3	CIV-10	Connect to exist 8" WM for PBCC at STA 53+00 +/-:	\$16,890.00
-	••••	- Furnish and Install: 8" MJ Fittings, GV's and DIP Pipe	
4	CIV-28	1/2" Water Services for Well Stations TP-1 and TP-2 across SR 715:	\$7,181.00
4	010-20	- Euroish and Install 3" casing and additional 1/2" PVC pipe,	
		<ul> <li>- 3" casing proposed to be installed by means of the pneumatic horizontal boring technique.</li> </ul>	
5	CIV-8	Connect to existing 6" WM at Belle Glade Meter Station (STA 14+40):	\$12,420.00
Ŭ		- Furnish and Install: 8" and 6" MJ Fittings, GV's and DIP Pipe	
		Re-design South Bay Meter Site (Net credit to Bid Item # 41):	(\$7,394.00)
6	CIV-2 and DTL-5	- Additions: Fill for meter assembly, couplings on bypass. 10" GV's, # 57 Rock and Filter	
		Fahric	
		- Deductions: Reduced bypass 16" to 10", number of pipe supports, flanges on bypass.	
		fence length, slab length, deleted 16" BFV.	
-		Re-design Belle Glade South Meter Site (Additional cost over & above Bid Item # 40) :	\$1,939.00
7	CIV-8 and DTL-3	- Additions: Fill for meter assembly, couplings on bypass, 8" GV, # 57 Rock and Filter	
		Fabric.	
		- Deductions: Reduced flanges on bypass.	
		- Deductions, Keduced Hanges on bypass.	
8	CIV-14 and DTL-4	Re-design Belle Glade WTP Meter Site (Net Credit to Bid Item # 42) :	(\$17,330.00)
-		- Additions: Fill for meter assembly, couplings on bypass, 16" BFVs, # 57 Rock and Filter	
		Fabric	
		- Deductions: Reduced bypass 24" to 16", number of pipe supports, flanges on bypass,	1
		siab length, deleted 24" BV.	
		Did isom # 41	\$3,435,00
9	CIV-32 and DTL-5	Re-design Pahokee WTP Meter Site (Additional cost over & above Bid Item # 41)	
		- Additions: Fill for meter assembly, couplings on bypass, 10" GVs, # 57 Rock and Filter	
		Fabric, Asphalt Driveway, 18" RCP Culvert and mitered ends. - Deductions: Reduced bypass 16" to 10", number of pipe supports, flanges on bypass.	
		fence length, slab length, deleted 16" BFV.	
			(\$10,460.00
10	CIV-48-A and DTL-	- Re-design Belle Glade Meter Site at LRWTP (Net credit to Bid Item # 41) :	(010,-00.00)
		- Additions: Fill for meter assembly, couplings on bypass, 10" GV's, # 57 Rock and Filter	1
		Fabric,	
		- Deductions: Reduced bypass 16" to 10", number of pipe supports, flanges on bypass, slab length, deleted 16" BFV and fence.	
			\$3,564.00
11	CIV-25 and DTL-6	Re-design Driveways for Well Sites 3 to 7 (Additional cost over & above Bid Item # 31) ::	1 20,000
		- Increase Asphalt & Limerock Thickness	
		- Increase Culvert from 15" to 18"	
		- Increase Mitered End from 15" to 18"	
		Sheet 1 of 1 Total C.O. # 2:	\$74,330.00

Sheet 1 of 1

Total C.O. # 2: \$74,330.00

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## <u>Revised Contract Drawings - Changes Log.</u> (pre-liminary)

	Sheet	Description
(.0.	CIV-48	✓ 5" PVC Conduits across Hooker Hwy.
		<ul> <li>Connect 30" WM to existing 30" BV instead of connecting to exist. WM</li> <li>Extend 30" HDPE RWM 27 If</li> </ul>
		- 30" x 24" Eccentric reducer and 42 If of 24" HDPE extension
		- 8" WM to WTPincluding:
		Connect to existing 8" WM at north side of Hooker Hwy, with 8" tee and 2 - 8" GV's
	-	<ul> <li>Change on 16" WM (additional footage, fittings, valves, sample points, etc.)</li> <li>30" x 16" Tapping Sleeve and valve to connect to existing 30" WM at WTP.</li> </ul>
<b>6 6</b>		
(, O -	CIV-10 ✓	- Connect to exist 8" WM for PBCC.
LINE	(CIV-41)	- Deleted Directional bore @ STA 258+20
سعيلا		- Added Culvert crossing (30" CMP, fill-in ditch, add. 16" 45 bends, etc.)
C. 0	CIV-28 -	- 16" WM stays on East side of SR 715
0	011 20	- 1/2" Water Services for Well Stations TP-1 and TP-2 across road with 3" casing
		and additional 1/2" PVC pipe.
		- 16" x 12" HDPE tee instead of 16" x 8" HDPE tee for connection to TP-2.
6.0.	CIV-8 🗸	- Connection to existing 6" WM for meter assembly station
LINE	CIV-11	- 16" WM on top of exist. 18" RCP drainage at STA 16+75
LINE	CIV-12	- 16" WM on top of exist. 18" RCP drainage at STA 22+70
-me Item	CIV 23	- Added Sample point at STA 232+00
C.O.	CIV-32✓	- 16" WM crssing of SR 715
		- Meter station re-design (slab elevation, asphalt driveway, 18" RCP w/ mittered ends, etc.) - Changed 16" - 45 bends for 16" - 90 bends
LING	CIV 37	- Added 16" x 12" tee, 12 " BFV and 12" plug.
Item	DTL-3, 4 & 5	- Re-design of Water Meter Assemblies.

## Additional Items for Change Order Lake Region Water Transmission Mains Project WUD 03-169 GlobeTec Construction

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Co	CIV-2	Revisions to South Bay meter assembly (DTL-5) Fill for meter assembly
	DTL-5	Reduced bypass 16" to 10"
		Reduced number of pipe supports
		Reduced flanges on bypass
		Added coupling on bypass Reduced fence length from 41' to 33'
		Added #57 rock and fabric
		Reduced length of slab from 31' to 27'
C. O .	CIV-8	Revisions to Belle Glade South meter Assembly (DTL-3)
		Fill for meter assembly
	DTL-3	Sample point direct tap
		Added coupling on bypass Added #57 rock and fabric
		Reduced number of flanges on bypass
C.0.	CIV-14	Revisions to Belle Glade WTP meter assembly (DTL-4)
		Fill for meter assembly
	DTL-5	Reduced bypass 24" to 16"
		Reduced number of pipe supports
		Reduced flanges on bypass Added coupling on bypass
		Reduced length of slab from 39' to 34'
LINE ITEM	CIV-15	Sta 62+ 36 changed 24" x 6" concentric reducer to eccentric
C.Ø.	CIV-25	Driveways for well sites 3 to 7 (DTL-6)
•	DTL_6	Delete flare to tee turn-around at east end of driveway
		Change culvert from 15" to 18" RCP
		Increase thickness of first 5' of driveway from 1-1/2" to 3" S-1 Increase thickness of base first 5' of driveway from 10" to 15" limerock
(،۵۰	CIV-32	Revisions to Pahokee meter assembly (DTL-5)
-		Fill for meter assembly
	DTL-5	Driveway for meter with culvert Reduced bypass 16" to 10"
	DIL-J	Reduced number of pipe supports
		Reduced flanges on bypass
		Added coupling on bypass
		Reduced fence length from 41' to 33'
		Added #57 rock and fabric
		Reduced length of slab from 31' to 27'

C.O.

DTL-5

CIV-48A

Revisions to Belle Glade meter assembly at LRWTP (DTL-5) Fill for meter assembly Reduced bypass 16" to 10" Reduced number of pipe supports Reduced flanges on bypass Added coupling on bypass Reduced length of slab from 31' to 27' Deleted fence

## CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT: Lake Region Water Treatment Plant Pipeline			nt Plant	APPROVAL LIMITS:						
CONTRACTOR:				DEPARTM	DEPARTMENT HEAD		T REVIEW	DEPARTMENT HEAD PLUS CONTRACT REVIE		
PROJECT NO .:		03-169							COMMITTEE	
RESOLUTION:		2006-1949			(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)
DATE APPROVE			INC	VIDUAL C.O.	\$50,000.00	16 Days \$100,000.00	33 Days	\$0	0 Days	
CONTRACT AMO	UNT: 14,	,790,815.00	CUM	MULATIVE C.O.	\$25,000.00	33 Days	\$100,000.00	33 Days	\$200,000.00	63 Days
DATI C.O. # APPRO		DEPARTME (ADDS PLUS AMOUNT		CONTRACT COMMIT (ADDS PLUS I AMOUNT	TEE	CONTRACT F	PT. HEAD & REVIEW COMM. IS DEDUCTS) DAYS	COMMIS	F COUNTY SIONERS S DEDUCTS) DAYS	TOTALS
001	(4,663,128.08)	0	0	0	0	0	0	(4,663,128.08)		(4,663,128.0
002 pendir	ng 74,330.00	0	0	0	0	O	0	74,330.00	25	74,330.00
	. • . •									
TOTAL	(4,588,798.08)	0	0	0	0	0	0	(4,588,789.08)	25	(4,588,798.08

#### SCHEDULE 1

#### PARTICIPATION BY M/WBE SUBCONTRACTORS

PROJECT NAME: Lake Region Water Tre	eatement Pipeline		PROJECT NO : 03-169				
NAME OF PRIME CONTRACTOR:Glo		CHANGE ORDER NO.         2           4-590-3305         FAX NO.         954-590-3305					
CONTACT PERSON: Alex	54-590-330 <b>5</b>						
BID DATE: <u>9/12//06</u>	DEPARTMENT: WUD						
Name, Address and Phone Number of M/WBE	Type of Work To Be Performed		Subcontract Amount				
		Black	Hispanic	Women	Other (Please Specify)		
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2.							
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8.							
9.							
10.							
Totals		<u>\$_0.00</u>	<u>\$_0.00</u>	<u>\$ 0.00</u>	<u>\$ 0.00</u>		
Original Contract Amount \$14,790 Adjusted Contract Amount \$10,127				nt Participati ted Percent Pa			

M/WBE

