

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2007	2008	2009	2010	2011
Capital Expenditures	(\$1,050,258.87)	0	0	0	0
External Revenues	0	0	0	0	0
Program Income (County)	0	0	0	0	0
In-Kind Match County	0	0	0	0	0
NET FISCAL IMPACT	(\$1,050,258.87)	0	0	0	0
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0

Budget Account No.: Fund 4011 Dept 721 Unit W026 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 time expenditure from user fees, connection fees, and balance brought forward. Savings of \$833,436.72 are related to changes in materials and construction methods. The County will realize sales tax savings of \$216,822.15 by directly purchasing the materials and equipment for this project.

C. Department Fiscal Review: Debra M West
 GE

III. REVIEW COMMENTS

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

John Dink 9-25-06
 OFMB
 Act 9-21-06
 [Signature] 9-20-06

Jim J. Jocollet 9/26/06
 Contract Development and Control
 E. Jones 9/26/06

B. Legal Sufficiency:
James C. [Signature]
 Assistant County Attorney

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.

**CHANGE ORDER No. 1
LAKE REGION WATER TREATMENT PLANT
TRANSMISSION SYSTEM
PROJECT NO. WUD 03-169**

**CHANGE ORDER NO: 1 (One)
GlobeTec Construction LLC
4150 N. Powerline Road
Pompano Beach, Florida 33073**

**WATER UTILITIES DEPARTMENT
CONTRACT NO. R2006-1949
CONTRACT DATE: Sept. 12, 2006
NOTICE TO PROCEED:
BUDGET FUND: 4011-721-W026-6541
DISTRICT 6**

You are directed to make the following changes in this contract:

1. Revise number and size of stainless steel (SS) butterfly valves for raw water mains – **Net deduct of (\$224,000.00)**, (see A, B & C below):
 - A. Delete in-line 30" SS valve at SR 715 sta 227+70, bid item no. 26 deduct (\$110,000.00).
 - B. Delete in-line 30" SS valve at SR 715 sta 253+40 (Shown on plans but not included in the bid schedule deduct (\$0.00).
 - C. Change size of two (2) 30" SS butterfly valves (SR 715 Sta 255+21 and Hooker Hwy Sta 24+75, delete bid item 26 at \$110,000.00 each and revise quantity of bid item 27 from three (3) to five (5) 24" SS butterfly valves at \$46,000 each and add new payment Item 17.A. - four (4) 30"x24" HDPE eccentric reducers at \$3,500 each. Net deduct (\$114,000.00).

2. Delete SS spool pieces on each side of the raw water main butterfly valves (BV). Change SS valve body style from lugged to wafer. Connect SS butterfly valves to HDPE pipe with HDPE butterfly valve spacers and hot-dipped galvanized bolts and nuts. Support poly-bagged SS wafer valve by demucking under valve to underlying rock or 10 feet maximum and fill with gravel or 1" maximum rock compacted to minimum 98% of maximum density per ASHTO T-180 to the centerline of the valve and a minimum of three (3) pipe diameters on each side of the SS valve. Contractor shall be compensated additional monies if the increased quantity of demucking and rock base exceeds a total of 250 cubic yards (A to D) at \$50.00 per cubic yard. **Net deduct of (\$111,300.00)**, (see A to D below):
 - A. Bid item No. 27 – Five (5) 24 SS BV reduce unit price from \$46,000.00 to \$29,950.00 for a deduct of \$16,050.00 per each and a total deduct of \$80,250.00.
 - B. Bid item No. 28 – One (1) 20 SS BV reduce unit price from \$41,000.00 to \$27,300.00 for a deduct of \$13,700.00.
 - C. Bid item No. 29 – One (1) 16 SS BV reduce unit price from \$30,000.00 to \$17,200.00 for a deduct of \$12,800.00.
 - D. Bid item No. 30 – One (1) 12 SS BV reduce unit price from \$12,000.00 to \$7,450.00 for a deduct of \$4,550.00.

**CHANGE ORDER No. 1
LAKE REGION WATER TREATMENT PLANT
TRANSMISSION SYSTEM
PROJECT NO. WUD 03-169**

3. Bid Item No. 33 change 30" HDPE pipe installation from directional drill under 48" culvert to open-cut (Instructions to Bidders paragraph 10.0 - Cost savings Incentive and General Condition's paragraph 74 - Cost Saving) Contractor is entitled to 50% of the savings. The lump sum unit price of \$260,000.00 shall be changed to a time and materials installation in the amount of \$184,000.00 per the attached letter (Exhibit 1). **Deduct (\$76,000.00).**
4. Change class of ductile iron pipe, **Net Deduct (\$210,877.72):**

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Cost Savings/LF</u>	<u>Cost Savings</u>
	Change 30" DIP from CL 200 to CL 150				
35B	150	12,888	LF	\$ 5.14	\$ 66,244.32
36B	Change 24" DIP from CL 250 to 200	1,875	LF	\$ 3.75	\$ 7,031.25
37	Change 16" DIP from CL 350 to 250	7,014	LF	\$ 2.15	\$ 15,080.10
38B	Change 16" DIP from CL 350 to 250	14,762	LF	\$ 2.15	\$ 31,738.30
39B	Change 16" DIP from CL 350 to 250	42,225	LF	\$ 2.15	<u>\$ 90,783.75</u>
				Total	\$ 210,877.72

5. Bid Item No. 48 change 16" HDPE pipe installation from directional drill to open-cut with installing 30 linear feet of 30" CMP culvert and filling existing open ditch for 16" water main installation and two (2) existing 8" pipes (Instructions to Bidders paragraph 10.0 - Cost savings Incentive and General Condition's paragraph 74 - Cost Saving) Contractor is entitled to 50% of the savings. The lump sum unit price of \$80,000.00 shall be changed to a time and materials installation in the amount of \$66,819.00 per the attached letter (Exhibit 2). **Deduct (\$13,181.00).**
6. Change Air Release Valves to Fire Hydrants with manual air release when flushing the hydrants – **Net deduct (\$67,420.00)**, (see A to E below):
- A. Delete sixteen (16) offset air release manholes bid item 55 in the amount of \$10,000 each for a deduct of (\$160,000.00)
 - B. Delete one (16) in-line air release manholes bid item 56 in the amount of \$12,000 each for a deduct of (\$12,000.00)
 - C. Install eighteen (18) fire hydrants for manual air release bid item no. 58 in the amount of \$3,200.00 each for a total additional cost of \$57,600.00.
 - D. The estimated additional cost of ductile iron fittings, mega lugs and accessories bid item 80 for 4.83 tons of fittings at \$6,000.00 per ton for a total additional cost of \$28,980.00. This does not included additional restrained joints on the WM run. Pipe outlets in lieu of MJ Fittings are acceptable, payment would be based on the tonnage of the correspondent fitting assembly.
 - E. The additional cost of 6" Gate Valve assemblies bid item 49 for 18 valves at \$ 1,000.00 each for a total additional cost of \$18,000.00.

**CHANGE ORDER No. 1
LAKE REGION WATER TREATMENT PLANT
TRANSMISSION SYSTEM
PROJECT NO. WUD 03-169**

7. Bid item No. 71 Lime Rock Driveway or Roadway Restoration reduce quantity from 20,000 SY to 12,000 SY as rock roadway is not required along the north side of the East Beach Water Control District Canal No. 1 on sheets 38 to 42. Deduct 8,000 SY at \$25.00 per SY for a total of \$200,000.00 and add new payment Item 71.A – Fill material (Truck measure) in lieu of limerock base: 2,667 CY at \$ 26.00 per CY for an additional cost of \$ 69,342.00. **Net Deduct (\$130,658.00).**

8. Add payment item 78 A for Hydroseeding in the cost of \$2.90 per SY. FDOT may allow Hydroseeding in accordance with FDOT specifications (Section 162 Prepared Soil layer and Section 570 Grassing by Seeding) to be utilized for restoration in lieu of Bahia sod.

9. **Delete** contractor purchase of the following materials and equipment that will now be furnished by the Owner, as listed on the attached Purchase Requisition Request Forms from GlobeTec Construction LLC. and the attached scope of work, in the amount of (\$3,612,869.21) purchase price times the 1.06 sales tax rate plus an addition ½ cent sales tax on the first \$5,000.00 which equals **\$3,829,691.36**. The Contractor will install these owner furnished materials and equipment in accordance with the Special Conditions, Provisions Governing State of Florida Sale and Use Tax Exemption for County-Furnished Materials. Project WUD 05-146 is a lump sum contract and the material quantities have been estimated by GlobeTec Construction LLC for the purposes of this change order. The Contractor is responsible to complete the project without excess or wasted materials. The Contractor is responsible for any additional material escalation or delivery charges resulting from their delays. It is the County's intent to purchase only materials required for the project, at a cost not to exceed Contractor's bid price of \$3,829,691.36 with sales tax or \$3,612,869.21 without sales tax. It is not the County's intent to deduct from the Contractor's contract amount more than the actual cost of the materials should the actual cost be less than the bid amount. Therefore, should the value of the material and equipment related to this change order exceed \$3,612,869.21 without sales tax, then the Contractor is responsible for furnishing the additional material and equipment to complete the project at no additional cost to the County. Should the value of the material be less than \$3,612,869.21 without sales tax, then the Contractor shall be refunded the balance. **The net sales tax recovery savings equals the sales tax in the amount of \$216,822.15.**

TOTAL CHANGE ORDER NO. 1: < \$4,663,128.08 >

<p>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.</p>

**CHANGE ORDER No. 1
LAKE REGION WATER TREATMENT PLANT
TRANSMISSION SYSTEM
PROJECT NO. WUD 03-169**

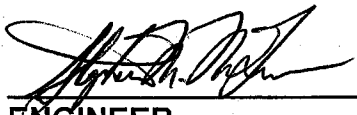
The original Contract Sum was:	<u>\$14,790,815.00</u>
Net change by previous Change Orders:	<u>\$ 0.00</u>
The Contract Sum prior to this Change Order was:	<u>\$14,790,815.00</u>
The Contract Sum will be decreased by this Change Order.	<u><\$ 4,663,128.08></u>
The new Contract Sum including this Change Order will be	<u>..\$10,127,686.92</u>
The Contract time will be increased by:	(0)days
The Date of Substantial Completion including this Change Order:	
Substantial Completion Phase 1	<u>240 days from Notice To Proceed (NTP)</u>
Substantial Completion Phase 2	<u>365 days from Notice To Proceed (NTP)</u>
The Date of Final Completion including this Change Order: <u>425days from NTP</u>	

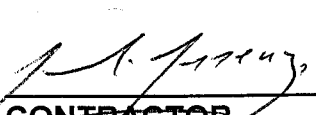
EXECUTION OF THIS CHANGE ORDER ACKNOWLEDGES FINAL SETTLEMENT OF, AND RELEASES, ALL CLAIMS FOR COSTS AND TIME ASSOCIATED, DIRECTLY OR INDIRECTLY, WITH THE ABOVE-STATED MODIFICATION(S) INCLUDING ALL CLAIMS FOR CUMULATIVE DELAYS OR DISRUPTIONS RESULTING FROM, CAUSED BY, OR INCIDENT TO SUCH MODIFICATIONS AND INCLUDING ANY CLAIM THAT THE ABOVE STATED MODIFICATION(S) CONSTITUTES IN WHOLE OR PART, A CARDINAL CHANGE TO THE CONTRACT.

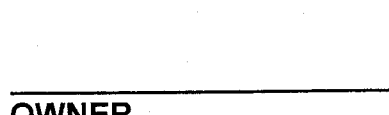
**Palm Beach County
Water Utilities Dept.**

**GlobeTec
Construction LLC**

**Palm Beach County Board
of County Commissioners**


ENGINEER
 Stephen McGrew, P.E.
 ADDRESS
 P.O. Box 16097
 West Palm Beach, Fl.33416
 DATE 9/10/06


CONTRACTOR
 Antonio Assenza, Pres.
 ADDRESS
 4150 N. Powerline Rd
 Pompano Beach, Fl. 33073
 DATE 9/7/06


OWNER
 Tony Masilotti, Chairman
 ADDRESS
 P.O. Box 16097
 West Palm Beach, Fl. 33416
 DATE XMP

APPROVED AS TO FORM AND
 LEGAL SUFFICIENCY:

ATTEST: SHARON R. BOCK,
 CLERK AND COMPTROLLER:

 County Attorney

(Corporate Seal)

 Deputy Clerk

**CHANGE ORDER No. 1
LAKE REGION WATER TREATMENT PLANT
TRANSMISSION SYSTEM
PROJECT NO. WUD 03-169**

SCOPE OF WORK

1. Revise number and size of stainless steel (SS) butterfly valves for raw water mains. Delete in-line 30" SS valve at SR 715 sta 227+70, bid item no. 26 deduct (\$110,000.00). Delete in-line 30" SS valve at SR 715 sta 253+40 (Shown on plans but not included in the bid schedule deduct. Change size of two (2) 30" SS butterfly valves (SR 715 Sta 225+21 and Hooker Hwy Sta 24+75 add four (4) 30"x24" HDPE eccentric reducers.
2. Delete SS spool pieces on each side of the raw water main butterfly valves (BV). Change SS valve body style from lugged to wafer. Connect SS butterfly valves to HDPE pipe with HDPE butterfly valve spacers and hot-dipped galvanized bolts and nuts. Support poly-bagged SS wafer valve by demucking under valve to underlying rock or a maximum 10 ft deep and fill with gravel or 1" maximum rock compacted to minimum 98% of maximum density per ASSSHTO T-180 to the centerline of the valve and a minimum of three (3) pipe diameters on each side of the SS valve. Contractor shall be compensated additional monies if the increased quantity of demucking and rock base exceeds a total of 250 cubic yards at \$50.00 per cubic yard.
3. Bid Item No. 33 change 30" HDPE pipe installation from directional drill under 48" culvert to open-cut (Instructions to Bidders paragraph 10.0 - Cost savings Incentive and General Condition's paragraph 74 - Cost Saving) Contractor is entitled to 50% of the savings.
4. Change class of ductile iron pipe:

<u>Item</u>	<u>Description</u>
35B	Change 30" DIP from CL 200 to CL 150
36B	Change 24" DIP from CL 250 to CL 200
37	Change 16" DIP from CL 350 to CL 250
38B	Change 16" DIP from CL 350 to CL 250
39B	Change 16" DIP from CL 350 to CL 250

5. Bid Item No. 48 change 16" HDPE pipe installation from directional drill to open-cut with installing 30 linear feet of 30" CMP culvert and filling existing open ditch for 16" water main installation and two (2) existing 8" pipes (Instructions to Bidders paragraph 10.0 - Cost savings Incentive and General Conditions paragraph 74 - Cost Saving) Contractor is entitled to 50% of the savings.

**CHANGE ORDER No. 1
LAKE REGION WATER TREATMENT PLANT
TRANSMISSION SYSTEM
PROJECT NO. WUD 03-169**

6. Change Air Release Valves to Fire Hydrants with manual air release when flushing the hydrants.

<u>Sheet</u>	<u>Sta</u>	<u>Pipe Diameter</u>	<u>Air Release Valve</u>	<u>Fire Hydrant</u>	<u>Fittings Weight, incl. restraints at fittings (lbs)</u>
				No Adjacent to another fire hydrant	
2	10+96	16	Delete		0
3	33+33	16	Delete	Add	353
8	3+05	16	Delete	Add	353
10	54+32	16	Delete	Add	353
12	19+90	16	Delete	Add	353
14	57+11	16	ARV to Remain	No	0
				No Adjacent to another fire hydrant	
15	62+52	24	Delete		0
19	148+58	30	Delete	Add	2009
23	226+63	30	Delete	Add	2009
23	228+95	30	ARV to Remain	No - RWM	0
25	253+92	16	Delete	Add	353
28	309+41	16	Delete	Add	353
28	309+47	16	ARV to Remain	No -RWM	0
30	347+60	16	Delete	Add	353
30	361+76	16	Delete	Add	353
31	375+96	16	Delete	Add	353
32	396+28	16	Delete	Add	353
34	421+22	16	Delete	Add	353
36	456+22	16	Delete	Add	353
38	499+21	16	Delete	Add	353
39	215+37	16	ARV to Remain	No - Canal	0
41	258+00	16	ARV to Remain	No- Canal	0
42	268+48	16	Delete	Add	353
42	271+50	16	Delete	Add	353
46	325+77	16	Delete	Add	<u>353</u>
				TOTAL	9666

7. Bid item No. 71 Lime Rock Driveway or Roadway Restoration reduce quantity from 20,000 SY to 12,000 SY as rock roadway is not required along the north side of the East Beach Water Control District Canal No. 1 on sheets 38 to 42. Add item for fill material (truck measure) in case in-situ soils are not suitable for backfilling purposes.
8. Add payment item 78 A for Hydro-seeding in the cost of \$2.90 per SY. FDOT may allow Hydro-seeding to be utilized for restoration in lieu of Bahia sod.

**CHANGE ORDER No. 1
LAKE REGION WATER TREATMENT PLANT
TRANSMISSION SYSTEM
PROJECT NO. WUD 03-169**

9. Delete Contractor purchase of the following materials and equipment that will be furnished by the Owner per the Special Conditions, Sale and Use Tax Exemption for County-Furnished Materials, as listed on the attached documents from the GlobeTec Construction LLC. Purchase of the equipment and materials by the County will result in savings of the Florida State Sales tax. Except as provided in this Change Order, the Contractor shall provide insurance coverage as stated in the original contract. The Change Order deducts 1.06 plus times the value of the materials and equipment to be purchased by the County plus the first \$5,000.00 of the purchase price times an additional ½-cent sales tax rate for each of the two (2) purchase orders which equals \$3,829,691.36. Contractor will act as the County's agent in performing the services required by the Special Conditions.

PO No.	Supplier	Description of Material	Material Price	Sales Tax	Total
1	Corcel	HDPE, valves, Meters, Aerial Crossings, MJ Restrainers	\$533,055.90	\$32,008.35	\$565,064.25
2	Ferguson	Pipe, Fittings	\$3,079,813.31	\$184,813.80	\$3,264,627.11
		Totals	\$3,612,869.21	\$216,822.15	\$3,829,691.36

**CHANGE ORDER No. 1
LAKE REGION WATER TREATMENT PLANT
TRANSMISSION SYSTEM
PROJECT NO. WUD 03-169**

COST SUMMARY

<u>C.O. #</u>	<u>DESCRIPTION</u>	<u>ADDITIONS</u>	<u>(DELETIONS)</u>	<u>NET CHANGE</u>
1	Cost Savings, Deduction of Materials and equipment.	\$0	< <u>4,663,128.08</u> >	< <u>4,663,128.08</u> >