

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: February 3, 2009 Consent [X] Regular []
Public Hearing []

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

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Change Order No. 2 with Southeast Drilling Services, Inc. for the Systemwide Wellfield Improvement Project increasing the Contract (R2006-2473) by \$724,971 and increasing the contract time by 150 calendar days.

Summary: On November 21, 2006 the Board of County Commissioners approved the contract (R2006-2473) for the Systemwide Wellfield Improvement Project with Southeast Drilling Services, Inc. for the construction of four (4) new Surficial Aquifer wells at WTP 8, re-drilling of five (5) existing wells, replacement of two (2) dual zone monitoring wellheads at ECR, and installing new pumps, motors and mechanical and electrical equipment on seven (7) existing wells. Change Order No. 1, provided for four (4) additional wells at WTP 3, the re-drilling and enlargement of four (4) existing wells at WTP 9, the repair of existing Well 5 at WTP 3, plugging and abandonment of 20 pad monitoring wells at the deep injection well systems, and miscellaneous site work, wellheads, well casings, well screens, electrical issues. Change Order #2 provides for additional well development time (air and pump) above the allotted 40 hours provided for in the original contract to meet the well acceptance criteria specified in the Contract Documents, replacement of numerous pumps, motors, electrical wiring, modifications to electrical panels, and miscellaneous site work. The contract time is being increased by 150 calendar days to accommodate the additional time required for completion of the aforementioned tasks. Total Change Orders to date equals \$1,903,856. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15.0% overall. This Contract with Southeast Drilling Services, Inc. provides for SBE participation of 19.32% overall. Following execution of this Change Order the SBE participation will be 14.64%. Southeast Drilling Services, Inc. has been recently approved as a Small Business Enterprise. (WUD Project No. 05-041) District 2,3, & 6 JM

Background and justification: The expansion of the WUD Water Treatment Plants has created a need for additional wells and repair or re-drilling of a number of raw water wells. The additional development time is being added to this contract to meet the well acceptance criteria of one part per million sand production as specified in the contract documents. The replacement of pumps and motors and the miscellaneous electrical and pipe work result from broken or damaged items found during the construction and modifications of the wells combined with regulatory agency requirements resulting from the changes to existing facilities (wellhead and casing sizes and 480 volt electrical service). Southeast Drilling Services has also recently been approved as a SBE which will allow for SBE credit.

Attachments:

1. Location Map
2. Two (2) Change Order #2

Recommended By: Bruce Beardslee 1/14/09
Department Director Date

Approved By: Shannon R. Bly 1/26/2009
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2009	2010	2011	2012	2013
Capital Expenditures	<u>\$724,971.00</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>\$724,971.00</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 4011 Dept 721 Unit 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-time capital expenditure from user fees and balance brought forward.

C. Department Fiscal Review: Debra M. Stettin

III. REVIEW COMMENTS

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

Jan 21 1-21-09
OFMB
M/D
1/21
M
1/20
EN
1/16/09


 Contract Development and Control
 6 June 11/22/09

B. Legal Sufficiency:

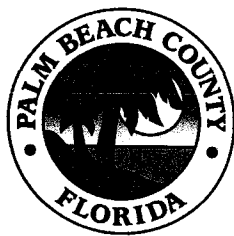
**This item complies with current
County policies.**

James C. Mayo Jr. 1/26/09
Assistant County Attorney

C. Other Department Review:

Purchasing Department Director

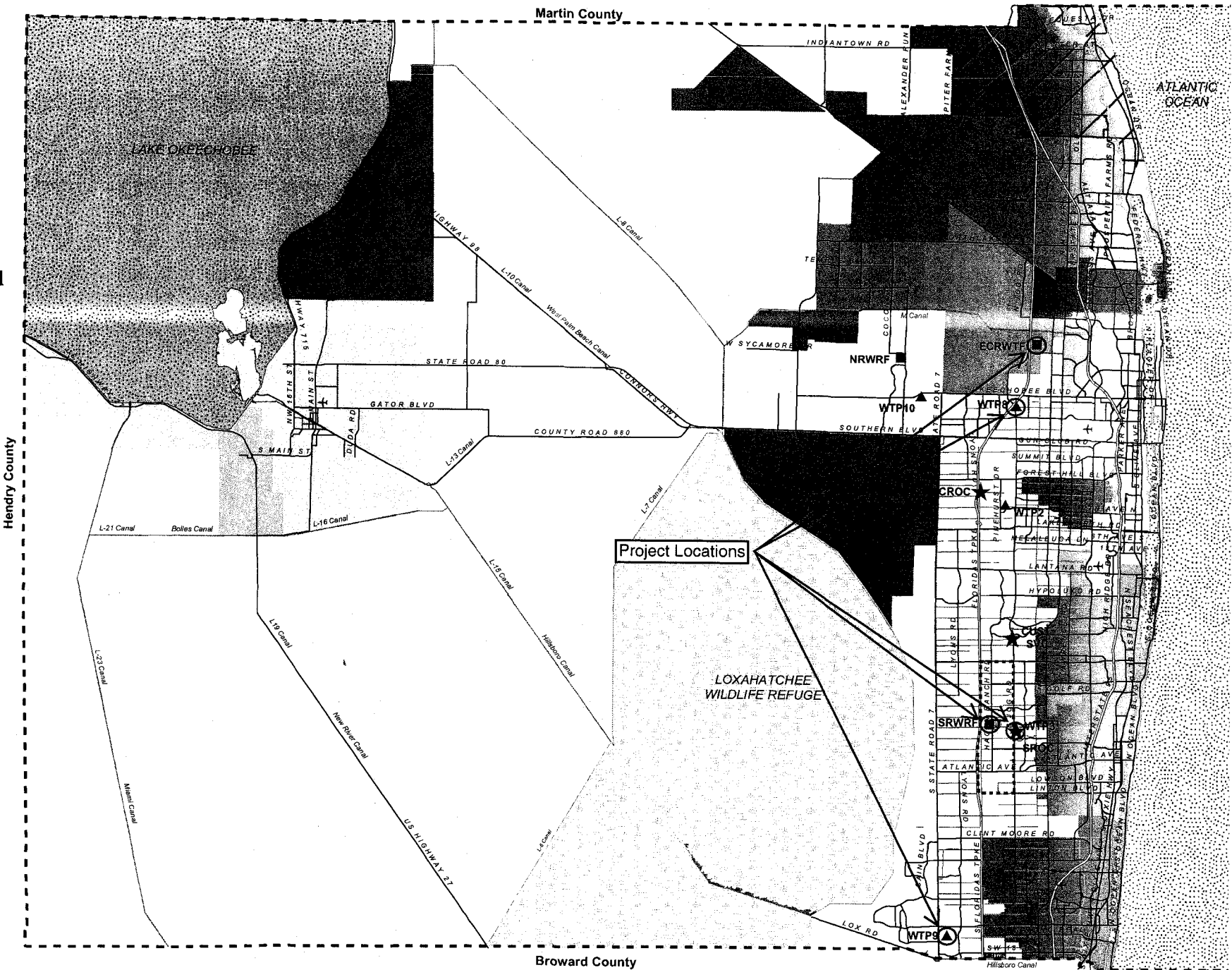
This summary is not to be used as a basis for payment.



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

Attachment 1

- Legend**
- P.B.C.W.U.D. SA
 - MANDATORY RECLAIMED SA
 - - - - - Palm Beach County Limits
 - ★ Administration
 - Water Reclamation Facility
 - ▲ Water Treatment Facility
 - ④ Wetlands



**SYSTEMWIDE WELLFIELD IMPROVEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 05-041
CHANGE ORDER NO. 2**

Contractor:
Southeast Drilling Services, Inc.
P.O. Box 271723
Tampa, Florida 33688

CONTRACT NO. R2006-2473
CONTRACT DATE: 11/21/2006
NOTICE TO PROCEED: 1/17/2007
BUDGET LINE ITEM: 4011-721-W006-6541
DISTRICT NUMBER 2, 3, & 5

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

- | | | |
|-----|---|-------------|
| 1. | Replacement of the pump and motor in well 9W-3. This additional cost is itemized and described in the attached CPR-17 quote from Southeast Drilling Services, Inc. | \$17,217.00 |
| 2. | Replacement of the pump and motor in well 8W-7. This additional cost is itemized and described in the attached CPR-18 quote from Southeast Drilling Services, Inc. | \$8,685.00 |
| 3. | Modify starters for wells 8W-7 & 8W-15. These additional costs are itemized and described in the attached CPR-21 quote from Southeast Drilling Services, Inc. | \$8,618.00 |
| 4. | Modify wellheads for 8 WTP-3 wells for 6-inch Cert-O-Loc connections and installation of Stilling Wells and level transducers. These additional costs are itemized and described in the attached CPR-22 quote from Southeast Drilling Services, Inc. | \$40,462.00 |
| 5. | Modify well 8W-15 flowmeter from 8-inch to 6-inch. These additional costs are itemized and described in the attached CPR-23 quote from Southeast Drilling Services, Inc. | \$976.00 |
| 6. | Electrical modifications for Coral Lakes Wells at WTP-3 due to offset requirements from the PBC Building Department for changes in electrical requirements from 240 volt to 480 volt and add 30 days. These additional costs are itemized and described in the attached CPR-24 quote from Southeast Drilling Services, Inc. | \$46,457.00 |
| 7. | Replace motor electric cable from the MCC at WTP-9 to wellsite 9W-8. These additional costs are itemized and described in the attached CPR-25 quote from Southeast Drilling Services, Inc. | \$27,211.00 |
| 8. | Add an additional 20 feet of Cert-O-Loc column pipe to Wells 9W-3, 6, 7, & 8 to lower the pump intake for reduced pumping levels. These additional costs are itemized and described in the attached CPR-26 quote from Southeast Drilling Services, Inc. | \$5,246.00 |
| 9. | Replacement of motor and motor wire for well 8W-10 and modify wellhead for transducer installation. These additional costs are itemized and described in the attached CPR-27 quote from Southeast Drilling Services, Inc. | \$10,359.00 |
| 10. | Additional FPL fees for the 4 new wells at WTP-3 added in CO #1 (Wells 3W-19, 24, 30, & 31). These additional costs are itemized and described in the attached CPR-29 quote from Southeast Drilling Services, Inc. | \$10,384.00 |
| 11. | Install stainless steel foot valves in the 4 new WTP-3 wells (wells 3W-19, 24, 30, & 31). These additional costs are itemized and described in the attached CPR-30 quote from Southeast Drilling Services, Inc. | \$15,418.00 |
| 12. | Additional underground tie-ins at the 4 new WTP-3 wells (wells 3W-19, 24, 30, & 31) including dewatering and add 30 days. These additional costs are itemized and described in the attached CPR-31 quote from Southeast Drilling Services, Inc. | \$61,513.00 |

**SYSTEMWIDE WELLFIELD IMPROVEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 05-041
CHANGE ORDER NO. 2**

- | | |
|---|---------------------|
| 13. Install new conduit, wire, and magnetic tape from electrical pull box west of Jog Road and north of the new turnpike exit ramp to well 8W-10. These additional costs are itemized and described in the attached CPR-32 quote from Southeast Drilling Services, Inc. | \$32,625.00 |
| 14. Additional development time (air and pump) for all new wells (13) above the 40 hours allotted in the contract. The well acceptance criteria specified in the contract documents is less than one part per million sand. Add an additional 90 days. These additional costs are summarized in the attached development spreadsheet from Southeast Drilling Services, Inc. | \$574,800.00 |
| 15. Delete all Early Completion Bonuses. | (\$135,000.00) |
| Total | \$724,971.00 |

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

The original Contract Sum was:	\$4,095,000.00
Net change by previous Change Orders:	\$1,903,856.00
The Contract Sum prior to this Change Order was:	\$5,998,856.00
The Contract Sum will be increased by this Change Order:	\$724,971.00
The new Contract Sum including this Change Order will be:	\$6,723,827.00
The Contract time will be increased by:	150 Days
The Date of Substantial Completion including this Change Order:	<u>March 2, 2009</u>
The Date of Final Completion including this Change Order:	<u>April 1, 2009</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 Department
ENGINEER
Brian Shields, P.E. – Deputy
Director

P.O. Box 16097
W. Palm Beach, FL 33416
Address

Signature

Date

11/3/09

Southeast Drilling Services,
Inc.
CONTRACTOR
W.B. Ziegler, V.P.

P.O. Box 271723
Tampa, Florida 33688
Address

Signature

Date

12/15/08

Palm Beach County Water
Utilities Department
OWNER
John F. Koons, Chairman

P.O. Box 16097
W. Palm Beach, FL 33416
Address

Signature

Date

Approved as to form and legal sufficiency

Sharon R. Bock, Clerk & Comptroller

County Attorney

Deputy Clerk

SYSTEMWIDE WELLFIELD IMPROVEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 05-041
CHANGE ORDER NO. 2

CHANGE ORDER CATEGORIZATION

- | | |
|--|--|
| <input checked="" type="checkbox"/> OWNER INITIATED | <input checked="" type="checkbox"/> QUANTITY OVERRUNS/UNDER-RUNS |
| <input checked="" type="checkbox"/> DIFFERING SITE CONDITIONS | REQUEST BY ANOTHER AGENCY |
| <input type="checkbox"/> ZONING/CODE/ORDINANCE CHANGES | REIMBURSABLE |
| <input checked="" type="checkbox"/> ERRORS/OMISSIONS IN DESIGN | NON-REIMBURSABLE |

**SYSTEMWIDE WELLFIELD IMPROVEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 05-041
CHANGE ORDER NO. 2**

SCHEDULE 1

PARTICIPATION OF SBE/MWBE CONTRACTORS

PROJECT NAME: Systemwide Wellfield Improvements

PROJECT NO. WUD 05-041

NAME OF PRIME CONTRACTOR: Southeast Drilling Services, Inc.

CHANGE ORDER NO. 2

CONTACT PERSON: Bart Ziegler, President

PHONE NO: 561-493-9832

FAX NO: 561-493-1540

CONTRACT DATE: November 21, 2006

DEPARTMENT: Water Utilities

Name, Address and
Phone Number of M/WBE

Type of Work To Be
Performed

Contract Amount

Black Hispanic Women Other(Please Specify)

1. \$ _____ \$ _____ \$ _____ \$ 0

2. \$ _____ \$ _____ \$ _____ \$ 0

3. \$ _____ \$ _____ \$ _____ \$ 0

4. \$ _____ \$ _____ \$ _____ \$ 0

5. \$ _____ \$ _____ \$ _____ \$ 0

TOTALS \$ 0 \$ 0 \$ 0 \$ 0

PRIME CONTRACTOR TO COMPLETE:

ORIGINAL CONTRACT PRICE: \$4,095,000.00 ORIGINAL PARTICIPATION: \$861,201.06 % PARTICIPATION: 19.32%

ADJUSTED CONTRACT PRICE: \$6,723,827.00 ADJUSTED PARTICIPATION: \$1,054,558.00 % PARTICIPATION: 14.64%

**SYSTEMWIDE WELLFIELD IMPROVEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 05-041
CHANGE ORDER NO. 2**

COST SUMMARY

<u>C.O. #</u>	<u>DESCRIPTION</u>	<u>ADDITIONS</u>	<u>(DELETIONS)</u>	<u>NET CHANGE</u>
1	Additional Wells, Site Modifications, Well Changes	\$1,981,822.00	(\$77,966.00)	\$1,903,856.00
2	Additional development time, motors, pumps, and miscellaneous site work.	\$859,971.00	(\$135,000.00)	\$724,971.00
3				
4				
Total		\$2,841,793.00	(\$212,966.00)	\$2,628,827.60

**SYSTEMWIDE WELLFIELD IMPROVEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 05-041
CHANGE ORDER NO. 2**

SCOPE OF WORK

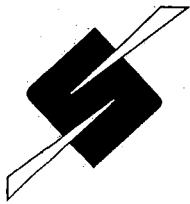
1. Replace the pump and motor in well 9W-3.
2. Replace the pump and motor in well 8W-7.
3. Modify starters for wells 8W-7 and 8W-15.
4. Modify wellheads for 8 WTP-3 wells for 6-inch Cert-O-Loc connections and installation of Stilling Wells and level transducers.
5. Modify well 8W-15 flowmeter from 8-inch to 6-inch.
6. Move electrical and instrumentation panels for the Coral Lakes Wells at WTP-3 due to offset requirements from the PBC Building Department for changes in electrical requirements from 240 volt to 480 volt.
7. Replace motor electric cable from the MCC at WTP-9 to wellsite 9W-8.
8. Add an additional 20 feet of Cert-O-Loc column pipe to Wells 9W-3, 6, 7, & 8 for lower pumping levels.
9. Replace motor and motor wire for well 8W-10 and modify wellhead for transducer installation.
10. Install stainless steel foot valves in the 4 new WTP-3 wells.
11. Perform additional underground tie-ins at the 4 new WTP-3 wells to include dewatering.
12. Directional drill under the new exit ramp and Install new conduit, wire, and magnetic tape from electrical pull box west of Jog Road and north of the new turnpike exit ramp to well 8W-10.

CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT:	Systemwide Wellfield Improvements	APPROVAL LIMITS:							
CONTRACTOR:	Southeast Drilling Services, Inc.	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE			
	P.O. Box 2764								
	Lutz, Florida 33548								
PROJECT NO.:	WUD 05-041								
RESOLUTION NO.:	R2006-2473	(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)		
DATE APPROVED:	November 21, 2006	INDIVIDUAL C.O.	\$25,000.00	12 Days	\$50,000.00	25 Days	\$60,000.00	N/A	
CONTRACT AMOUNT:	\$4,095,000.00	CUMMULATIVE C.O.	\$25,000.00	12 Days	\$75,000.00	37 Days	\$100,000.00	N/A	

C.O. #	DATE APPROVED	NET CHANGE	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM.		BOARD OF COUNTY COMMISSIONERS		TOTALS
			(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	
1	3/11/2008	\$1,903,856.00	\$0.00	0	\$0.00	0	\$0.00	0	\$1,903,856.00	290	\$1,903,856.00
2	Pending	\$724,971.00	\$0.00	0	\$0.00	0	\$0.00	0	\$724,971.00	150	\$724,971.00
3											
4											
5											
6											
7											
8											
9											
10											
11											
TOTAL		\$2,628,827.00	\$0.00	0	\$0.00	0	\$0.00	0	\$2,628,827.00	440	\$2,628,827.00

- Notes:
- 1. Net Change reflects the net amount of additions plus deductions.
 - 2. Adds plus Deducts reflects the net value of unrelated changes for use in determining the approval authority for the Change Order.
 - 3. Liquidated Damages = \$1,000 (Stage 1), = \$2,000 (Stage 2) and = \$1,000 (After Substantial Completion).



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC LAKE REGIONAL PRODUCTION WELLS (WUD 05-141)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-17

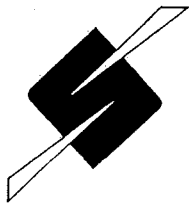
SUBJECT: NEW SS PUMP 9W-6 OR 3

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1	Provide SS pump, standard high speed motor and 60 ft wire. Pump with 1,000 gpm at 238 ft.	1	Each	\$13,600	\$13,600	
2			Each		\$0	
3			Each		\$0	
	Subtotal Materials				\$13,600	
	Tax				\$884	
	Total Materials					\$14,484
1	Project Management	1	Hour	\$130	\$130	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
	Subtotal Labor & Perdiem					\$130
	Bonding					\$292
	Subtotal SED Services					\$14,906
	Administration & Overhead					\$1,491
	Subtotal					\$16,397
	Profit					\$820
	Total SED Services					\$17,217
<u>Subcontractor Work</u>						
1			Each		\$0	
2			Each		\$0	
	Total Subcontracts					\$0
	Subtotal					\$0
	Bonding					\$0
	Subtotal					\$0
	Overhead & Administration					\$0
	Total Subcontract items					\$0
	Total Change Proposal Request					\$17,217
	Total Additional Time	TBD	Calendar Days			

Note:

- 1 As per change requested by County
- 2 Allow 4 to 6 weeks for delivery
- 3

Item 1



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC LAKE REGIONAL PRODUCTION WELLS (WUD 05-141)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-18

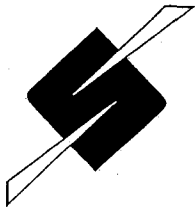
SUBJECT: NEW SS PUMP 8W-7

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1	Provide and install SS pump, standard high speed motor 40 hp and 60 ft wire. Pump with 1,000 gpm at 95 ft.	1	Each	\$6,800	\$6,800	
2			Each		\$0	
3			Each		\$0	
	Subtotal Materials				\$6,800	
	Tax				\$442	
	Total Materials					\$7,242
1	Project Management	1	Hour	\$130	\$130	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
	Subtotal Labor & Perdiem					\$130
	Bonding					\$147
	Subtotal SED Services					\$7,519
	Administration & Overhead					\$752
	Subtotal					\$8,271
	Profit					\$414
	Total SED Services					\$8,685
<u>Subcontractor Work</u>						
1			Each		\$0	
2			Each		\$0	
	Total Subcontracts					\$0
	Subtotal					\$0
	Bonding					\$0
	Subtotal					\$0
	Overhead & Administration					\$0
	Total Subcontract items					\$0
	Total Change Proposal Request					\$8,685
	Total Additional Time	TBD	Calendar Days			

Note:

- 1 As per change requested by County
- 2 Allow 4 to 6 weeks for delivery
- 3

Item 2



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC LAKE REGIONAL PRODUCTION WELLS (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.

SED CPR-21

SUBJECT: 8W-15 & 7 Starter/Breaker Mods to 40 Hp

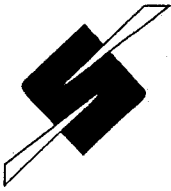
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1		1	LS		\$0	
2			Each		\$0	
3			Each		\$0	
	Subtotal Materials				\$0	
	Tax				\$0	
	Total Materials				\$0	\$0
1	Project Management	4	Hour	\$130	\$520	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
	Subtotal Labor & Perdiem					\$520
	Bonding					\$10
	Subtotal SED Services					\$530
	Administration & Overhead					\$53
	Subtotal					\$583
	Profit					\$29
	Total SED Services					\$613
<u>Subcontractor Work</u>						
1	CC Controls	1	Each	\$7,135	\$7,135	
2			Each		\$0	
	Total Subcontracts					\$7,135
	Subtotal					\$7,135
	Bonding					\$143
	Subtotal					\$7,278
	Overhead & Administration					\$728
	Total Subcontract items					\$8,005
	Total Change Proposal Request					\$8,618
	Total Additional Time	TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2 This assumes conductors to control panels are sized appropriately to handle the new load
- 3

Item 3

05-041



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC LAKE REGIONAL PRODUCTION WELLS (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-22

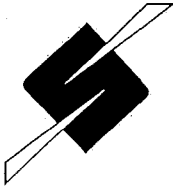
SUBJECT: 3W-1,2,3,4,5,6,7 & 8W-7 Wellhead Mods and 6" Cert O Lok Conversions

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1	6" Cert O Lok	480	Ft	\$14	\$6,720	
2	6" SS Adapters	16	Each	\$225	\$3,600	
3	8X6 SS Adapters	16	Each	\$190.00	\$3,040	
4	6" Extra Couplings	11	Each	\$50	\$550	
5	1" PVC for Stilling Wells	480	Ft	\$1	\$360	
6	Wellhead modification materials	8	Each	\$110	\$880	
7	Bacteriological Testing	16	Each	\$100	\$1,600	
8	Crane	8	Day	\$550	\$4,400	
9	Service Truck	8	Day	\$300	\$2,400	
	Subtotal Materials				\$23,550	
	Tax				\$1,531	
	Total Materials					\$25,081
1	Project Management		Hour	\$130	\$0	
2	Supervisor		8 Hour	\$78	\$624	
3	Project Labor	192	Hour	\$45	\$8,640	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
	Subtotal Labor & Perdiem					\$9,264
	Bonding					\$687
	Subtotal SED Services					\$35,032
	Administration & Overhead					\$3,503
	Subtotal					\$38,535
	Profit					\$1,927
	Total SED Services					\$40,462
<u>Subcontractor Work</u>						
1		1	Each		\$0	
2			Each		\$0	
	Total Subcontracts					\$0
	Subtotal					\$0
	Bonding					\$0
	Subtotal					\$0
	Overhead & Administration					\$0
	Total Subcontract items					\$0
	Total Change Proposal Request					\$40,462
	Total Additional Time	TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2 These conversions are necessary for installation of pressure transducers (they will fit in these wells with 8" column pipe)
- 3 3W-7 Will require 10 ft sections and extra coordination with FPL

Item 4



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC LAKE REGIONAL PRODUCTION WELLS (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-23

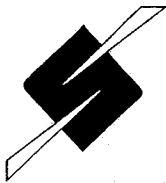
SUBJECT: 8W-15 Flow Meter Mods

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1	Flow meter prop and recalibration	1	LS	\$412	\$412	
2			Each		\$0	
3			Each		\$0	
4			Each		\$0	
5			Ft		\$0	
6			Each		\$0	
7			Each		\$0	
8			Day		\$0	
9			Day		\$0	
Subtotal Materials					\$412	
Tax					\$27	
Total Materials						\$439
1	Project Management	3	Hour	\$130	\$390	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
Subtotal Labor & Perdiem						\$390
Bonding						\$17
Subtotal SED Services						\$845
Administration & Overhead						\$85
Subtotal						\$930
Profit						\$46
Total SED Services						\$976
<u>Subcontractor Work</u>						
1		1	Each		\$0	
2			Each		\$0	
Total Subcontracts						\$0
Subtotal						\$0
Bonding						\$0
Subtotal						\$0
Overhead & Administration						\$0
Total Subcontract items						\$0
Total Change Proposal Request						\$976
Total Additional Time					TBD	Calendar Days

Note:

- 1 As per change requested by County/PBI
- 2 These conversions are necessary for installation of pressure transducers (they will fit in these wells with 8" column pipe)
- 3 3W-7 Will require 10 ft sections and extra coordination with FPL

Item 5



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC LAKE REGIONAL PRODUCTION WELLS (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-24

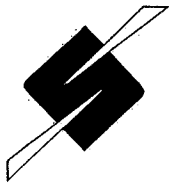
SUBJECT: System 3 Electrical Mods to comply with Building Dept Upgrades

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1		1	LS		\$0	
2			Each		\$0	
3			Each		\$0	
4			Each		\$0	
5			Ft		\$0	
6			Each		\$0	
7			Each		\$0	
8			Day		\$0	
9			Day		\$0	
Subtotal Materials						\$0
Tax						\$0
Total Materials						\$0
1	Project Management	8	Hour	\$130	\$1,040	
2	Supervisor	4	Hour	\$78	\$312	
3	Project Labor		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
Subtotal Labor & Perdiem						\$1,352
Bonding						\$27
Subtotal SED Services						\$1,379
Administration & Overhead						\$138
Subtotal						\$1,517
Profit						\$76
Total SED Services						\$1,593
<u>Subcontractor Work</u>						
1	Electrical Mods Global, see attachment	1	Each	\$34,652	\$34,652	
2	Fence Mods	1	Each	\$1,600	\$1,600	
3	Control Mods RTU Cables	1	Each	\$2,234	\$2,234	
3	Concrete Pad	1	Each	\$1,500	\$1,500	
Total Subcontracts						\$39,986
Subtotal						\$39,986
Bonding						\$800
Subtotal						\$40,786
Overhead & Administration						\$4,079
Total Subcontract items						\$44,864
Total Change Proposal Request						\$46,457
Total Additional Time		TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2 These conversions are necessary for installation of pressure transducers (they will fit in these wells with 8" column pipe)
- 3 3W-7 Will require 10 ft sections and extra coordination with FPL

item 6



Southeast Drilling Services, Inc.
119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC LAKE REGIONAL PRODUCTION WELLS (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-25

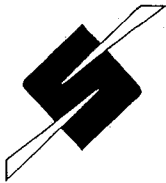
SUBJECT: System 9 Well 8 Electrical Cable Replacement

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1		1	LS		\$0	
2			Each		\$0	
3			Each		\$0	
4			Each		\$0	
5			Ft		\$0	
6			Each		\$0	
7			Each		\$0	
8			Day		\$0	
9			Day		\$0	
Subtotal Materials						\$0
Tax						\$0
Total Materials						\$0
1	Project Management	4	Hour	\$130	\$520	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
Subtotal Labor & Perdiem						\$520
Bonding						\$10
Subtotal SED Services						\$530
Administration & Overhead						\$53
Subtotal						\$583
Profit						\$29
Total SED Services						\$613
<u>Subcontractor Work</u>						
1	Electrical Mods Global, see attachment	1	Each	\$23,706	\$23,706	
2		1	Each		\$0	
3		1	Each		\$0	
3		1	Each		\$0	
Total Subcontracts						\$23,706
Subtotal						\$23,706
Bonding						\$474
Subtotal						\$24,180
Overhead & Administration						\$2,418
Total Subcontract items						\$26,598
Total Change Proposal Request						\$27,211
Total Additional Time		TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2 These conversions are necessary for installation of pressure transducers (they will fit in these wells with 8" column pipe)
- 3 3W-7 Will require 10 ft sections and extra coordination with FPL

Item 7



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC WELLFIELD MAINTENANCE (WUD 07-184)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-26

SUBJECT: 9W-6, 7, & 8 Setting Depth Mods

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1	8" Cert A Lok Column	4	Joint	\$430		\$1,720
2	8" Coupling	4	Each	\$82		\$328
3	Submersible Wire #4/0	80	Ft	\$19.00		\$1,520
4	Splice Kits	4	Each	\$76		\$304
5	Freight	1	LS	\$65		\$65
6			Each			\$0
7			Each			\$0
8			Day			\$0
9			Day			\$0
Subtotal Materials					\$3,937	
Tax					\$256	
Total Materials						\$4,193
1	Project Management	2	Hour	\$130		\$260
2	Supervisor		Hour	\$78		\$0
3	Project Labor		Hour	\$45		\$0
4	Perdiem		Day	\$64		\$0
5	Hotel		Day	\$140		\$0
Subtotal Labor & Perdiem						\$260
Bonding						\$89
Subtotal SED Services						\$4,542
Administration & Overhead						\$454
Subtotal						\$4,996
Profit						\$250
Total SED Services						\$5,246
<u>Subcontractor Work</u>						
1		1	Each		\$0	
2		1	Each		\$0	
3		1	Each		\$0	
3		1	Each		\$0	
Total Subcontracts						\$0
Subtotal						\$0
Bonding						\$0
Subtotal						\$0
Overhead & Administration						\$0
Total Subcontract items						\$0
Total Change Proposal Request						\$5,246
Total Additional Time		TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2 Pulling and performing the splices will be done under the line item in the contract for pulling or replacing a pump
- 3

Item 8



Southeast Drilling Services, Inc.
119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC WELLFIELD MAINTENANCE (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-27

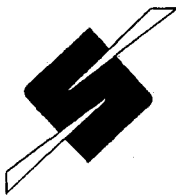
SUBJECT: 8W-10 New Motor & Wire

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1	New Motor 25 hp 460V 3ph 1800 rpm	1	Each	\$6,120	\$6,120	
2	Wire	65	Each	\$3	\$195	
3	Splice Kits	1	Ft	\$220.00	\$220	
4	Freight motor	1	LS	\$120	\$120	
5	Freight wire	1	LS	\$52	\$52	
6	Materials to modify wellhead & pump discharge to 6" (8x6 304 thrd red nipple, 6" cert 304 adpt, 6" 304 coupl, 8x6 304 weld on red)		Each		\$0	
7	Stilling well	60	Ft	\$2	\$120	
8	6" Colmun PVC	3	Joint	\$275	\$825	
9	6" Coupling	1	Each	\$45	\$45	
	Subtotal Materials				\$7,697	
	Tax				\$500	
	Total Materials					\$8,197
1	Project Management	2	Hour	\$130	\$260	
2	Supervisor	2	Hour	\$78	\$156	
3	Project Labor	4	Hour	\$45	\$180	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
	Subtotal Labor & Perdiem					\$596
	Bonding					\$176
	Subtotal SED Services					\$8,969
	Administration & Overhead					\$897
	Subtotal					\$9,866
	Profit					\$493
	Total SED Services					\$10,359
<u>Subcontractor Work</u>						
1		1	Each		\$0	
2		1	Each		\$0	
3		1	Each		\$0	
3		1	Each		\$0	
	Total Subcontracts					\$0
	Subtotal					\$0
	Bonding					\$0
	Subtotal					\$0
	Overhead & Administration					\$0
	Total Subcontract items					\$0
	Total Change Proposal Request					\$10,359
	Total Additional Time	TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2 Pulling and performing the splices will be done under the line item in the contract for pulling or replacing a pump
- 3

Item 9



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC WELLFIELD MAINTENANCE (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-29

SUBJECT: 3W-19, 24, 30, & 31 FPL Fees

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1		1	Each		\$0	
2		1	Each		\$0	
3		1	Each		\$0	
	Subtotal Materials				\$0	
	Tax				\$0	
	Total Materials					\$0
1	Project Management	2	Hour	\$130	\$260	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
	Subtotal Labor & Perdiem					\$260
	Bonding					\$5
	Subtotal SED Services					\$265
	Administration & Overhead					\$27
	Subtotal					\$292
	Profit					\$15
	Total SED Services					\$306
<u>Subcontractor Work</u>						
1	Invoice 786949	1	Each	1,459.00	\$1,459	
2	Invoice 786951	1	Each	3,566.00	\$3,566	
3	Invoice 786953	1	Each	3,566.00	\$3,566	
	Total Subcontracts					\$8,591
	Subtotal					\$8,591
	Bonding					\$172
	Subtotal					\$8,763
	Overhead & Administration					\$1,314
	Total Subcontract items					\$10,077
	Total Change Proposal Request					\$10,384
	Total Additional Time	TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2
- 3

Item 10

Payment Coupon

General Mail Facility
Miami FL 33188-0001

/610125100003853600000786949229541000079010101

B 01251 0000786949 7 9 01 01 01
Please mail this portion with your check

Cust. No.: 385360		Inv. No.: 786949	
Payment Due upon Receipt 10/25/2008		Amount Due This Invoice 1,459.22	
WO Reference #:		0201-34-416	

Make check payable to FPL in US funds and mail payment to address below

BOARD OF COUNTY COMMISSIONERS

P.O. BOX 4036
WEST PALM BCH FL 33402

FPL
GENERAL MAIL FACILITY
MIAMI FL 33188-0001

Florida Power & Light Company
INVOICE

Federal Tax ID#: 59-0247775

Customer Name and Address

BOARD OF COUNTY COMMISSIONERS

P.O. BOX 4036
WEST PALM BCH FL 33402

Customer Number: 385360

Invoice Number: 786949

Invoice Date: 09/25/2008

B 01251 0000786949 7 9 01 01 01
Please Retain This Portion for your Records

CURRENT CHARGES AND CREDITS

Customer No: 385360 Invoice No: 786949

DESCRIPTION	QUANTITY	PRICE	AMOUNT
DSB CUST CONTR NEW CNST WO WR# 3039223 @ V/O FLAVOR PICT RD & HAGEN RNCH RD 0201-34-416 COST TO INST 30" HH & 5" RISER	1	1 459.22	1,459.22
For Inquiries Contact: LONNIE TAYLOR Phone: (561) 742-2023		Total Amount Due	\$1,459.22
		Payment Due upon Receipt	10/25/2008

Messages

Well #24

Florida Power & Light Company
General Mail Facility
Miami FL 33188-0001

Item
10.1

Payment Coupon

General Mail Facility
Miami FL 33188-0001

/610125100003853600000786951056653000093010101

B 01251 0000786951 9 3 01 01 01
Please mail this portion with your check

Cust. No : 385360	Inv. No.: 786951
Payment Due upon Receipt 10/25/2008	Amount Due This Invoice 3,566.50
WO Reference #:	0119-34-416

Make check payable to FPL in US funds and mail payment to address below

BOARD OF COUNTY COMMISSIONERS

P.O. BOX 4036
WEST PALM BCH FL 33402

FPL
GENERAL MAIL FACILITY
MIAMI FL 33188-0001

Florida Power & Light Company

Federal Tax ID#: 59-0247775

INVOICE

Customer Name and Address

BOARD OF COUNTY COMMISSIONERS

P.O. BOX 4036
WEST PALM BCH FL 33402

Customer Number: 385360

Invoice Number: 786951

Invoice Date: 09/25/2008

B 01251 0000786951 9 3 01 01 01
Please Retain This Portion for your Records

CURRENT CHARGES AND CREDITS

Customer No: 385360 Invoice No: 786951

DESCRIPTION	QUANTITY	PRICE	AMOUNT
DSB CUST CONTR NEW CNST WO WR# 3039215 @ V/O SUMMERLAND BLVD 0119-34-416 COST TO CUT-IN THREE PHASE 150KVA TX	1	3,566.50	3,566.50
For Inquiries Contact: LONNIE TAYLOR Phone: (561) 742-2023	Total Amount Due \$3,566.50		
	Payment Due upon Receipt 10/25/2008		

Messages

Florida Power & Light Company
General Mail Facility
Miami FL 33188-0001

Item
10.2

Payment Coupon

General Mail Facility
Miami FL 33188-0001

/610125100003853600000786953056653000056010101

B 01251 0000786953 5 6 01 01 01
Please mail this portion with your check

Cust. No.: 385360	Inv. No.: 786953
Payment Due upon Receipt 10/25/2008	Amount Due This Invoice 3,566.50
WO Reference #:	0120-34-416

Make check payable to FPL in US funds and mail payment to address below

BOARD OF COUNTY COMMISSIONERS

P.O. BOX 4036
WEST PALM BCH FL 33402

FPL
GENERAL MAIL FACILITY
MIAMI FL 33188-0001

Florida Power & Light Company
INVOICE

Federal Tax ID#: 59-0247775

Customer Name and Address

BOARD OF COUNTY COMMISSIONERS

P.O. BOX 4036
WEST PALM BCH FL 33402

Customer Number: 385360

Invoice Number: 786953

Invoice Date: 09/25/2008

B 01251 0000786953 5 6 01 01 01
Please Retain This Portion for your Records

CURRENT CHARGES AND CREDITS

Customer No: 385360 Invoice No: 786953

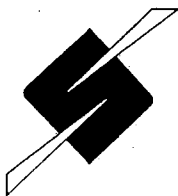
DESCRIPTION	QUANTITY	PRICE	AMOUNT
DSB OUST CONTR NEW CNST WO WR# 3039216 @ V/O SUMMERLAND BLVD WELL SITE 3W-31 0120-34-416 COST TO CUT IN THREE PHASE TX	1	3,566.50	3 566.50
For Inquiries Contact: LONNIE TAYLOR Phone: (561) 742-2023	Total Amount Due \$3,566.50		
	Payment Due upon Receipt 10/25/2008		

Messages

Well #31

Florida Power & Light Company
General Mail Facility
Miami FL 33188-0001

Item
10.3



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC WELLFIELD MAINTENANCE (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-30

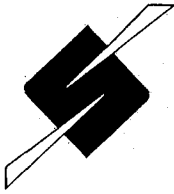
SUBJECT: 3W-19, 24, 30, & 31 SS Foot Valves

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1	8" SS Female x Female Foot Valves	4	Each	2,600.00	\$10,400	
2	8" SS nipples	4	Each	390.00	\$1,560	
3		1	Each		\$0	
Subtotal Materials						\$11,960
Tax						\$777
Total Materials						\$12,737
1	Project Management	2	Hour	\$130	\$260	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor	2	Hour	\$45	\$90	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
Subtotal Labor & Perdiem						\$350
Bonding						\$262
Subtotal SED Services						\$13,349
Administration & Overhead						\$1,335
Subtotal						\$14,684
Profit						\$734
Total SED Services						\$15,418
<u>Subcontractor Work</u>						
1		1	Each		\$0	
2		1	Each		\$0	
3		1	Each		\$0	
Total Subcontracts						\$0
Subtotal						\$0
Bonding						\$0
Subtotal						\$0
Overhead & Administration						\$0
Total Subcontract items						\$0
Total Change Proposal Request						\$15,418
Total Additional Time		TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2
- 3

Item 11



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC WELLFIELD MAINTENANCE (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-31

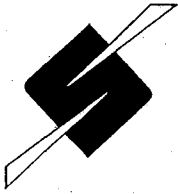
SUBJECT: 3W-19, 24, 30, & 31 Underground Tie-Ins

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1	3W-19	1	Each	9,600.00	\$9,600	
2	3W-24	1	Each	6,800.00	\$6,800	
3	3W-30 (includes dewatering)	1	Each	16,000.00	\$16,000	
4	3W-31	1	Each	17,100.00	\$17,100	
Subtotal Materials						\$49,500
Tax						\$0
Total Materials						\$49,500
1	Project Management	8	Hour	\$130	\$1,040	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor	4	Hour	\$45	\$180	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
Subtotal Labor & Perdiem						\$1,220
Bonding						\$1,014
Subtotal SED Services						\$51,734
Administration & Overhead						\$5,173
Subtotal						\$56,908
Profit						\$2,845
Total SED Services						\$59,753
<u>Subcontractor Work</u>						
1	Additional electrical conduit and wire 3W-31	1	Each	1,500.00	\$1,500	
2		1	Each		\$0	
3		1	Each		\$0	
4		1	Each		\$0	
Total Subcontracts						\$1,500
Subtotal						\$1,500
Bonding						\$30
Subtotal						\$1,530
Overhead & Administration						\$230
Total Subcontract items						\$1,760
Total Change Proposal Request						\$61,513
Total Additional Time		TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2
- 3

Item 12



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

PROJECT: PBC WELLFIELD MAINTENANCE (WUD 05-041)
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-32

SUBJECT: 8W-10 Directional Drill and New Wire

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1		1	Each		\$0	
2		1	Each		\$0	
3		1	Each		\$0	
4		1	Each		\$0	
Subtotal Materials						\$0
Tax						\$0
Total Materials						\$0
1	Project Management	4	Hour	\$130	\$520	
2	Supervisor		Hour	\$78	\$0	
3	Project Labor	4	Hour	\$45	\$180	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
Subtotal Labor & Perdiem						\$700
Bonding						\$14
Subtotal SED Services						\$714
Administration & Overhead						\$71
Subtotal						\$785
Profit						\$39
Total SED Services						\$825
<u>Subcontractor Work</u>						
1	Electrical	1	Each	27,110.00	\$27,110	
2		1	Each		\$0	
3		1	Each		\$0	
4		1	Each		\$0	
Total Subcontracts						\$27,110
Subtotal						\$27,110
Bonding						\$542
Subtotal						\$27,652
Overhead & Administration						\$4,148
Total Subcontract items						\$31,800
Total Change Proposal Request						\$32,625
Total Additional Time		TBD	Calendar Days			

Note:

- 1 As per change requested by County/PBI
- 2
- 3

Item 13

PRODUCTION WELL AIR & PUMPING DEVELOPMENT SUMMARY
SYSTEM WIDE WELLFIELD
TIME IN HOURS

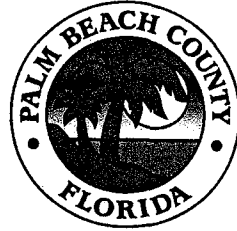
DATE	8W-6	8W-9	8W-22	8W-23	3W-5	3W-30	3W-31	3W-19	3W-24	9W-3	9W-6	9W-8	9W-7	DESCRIPTION
8/1/2007	5.5													Jetting w/air end rotation
8/6/2007	4													Jetting w/air
8/7/2007	4													Air Development gravel 58'
8/8/2007	8.5													Air Development
8/9/2007	9.75													Air Development Gravel 60'
8/10/2007	1													Air/ Timer stuck flooded area shutdown
8/13/2007	8													8/11-8/12 shutdown bad control valve
8/14/2007	9.75			9.5										Air Development Gravel 71'
8/15/2007	9.25													#6 air sand 2.0-1.5 #23 Jetting w/air Gravel 56'
														Air Development Sand 1.5-1 End rotation
8/20/2007	7.5			5										
8/21/2007	10.3			7.75										#6 1.5-1 #23 2.5-2 sand
8/22/2007	9.25			4										#6 Sand 3-1.5 #23 2-1.8
8/23/2007	4			8.5										#6 2-1.4 sand #23 2 sand Timer stuck flooded
8/24/2007	9.75			9.75										#6 added .5 bag gravel broken T/#23 2-1.5
8/25/2007	9.75			9.75										#6 2.5-1.6 Gravel 69' # 23 1.5-.7 Gravel 66'
8/26/2007	9.75		4.5	9.75										#6 2-1.5 sand #23 1.5-.8 sand
8/27/2007	10		4	10										#6 2.5-1.6 Sand #23 1.5-.6 sand #22 jetting w/air
8/28/2007	11			1										#6 2.8-1.4 #23 .6-.4 sand
8/29/2007	9			9										#6 2.9-1.9 #23 .6-.3 sand
														#6 3-2 sand Gravel 73' #23 .4-.2 Gravel 69' end rotation
9/4/2007				6										
9/5/2007				6.5										# 6 shutdown need gravel #23 Air develop.
9/6/2007	8.25			9.75										#6 Compressor down added 1.5 bag Up to 59' #23 Sand .3-.2
9/7/2007	8.75			9.25										#6 Gravel 65' sand 3-2 #23 Sand .3-.2
9/8/2007	8			10										#6 added gravel sand 3-2 #23 added gravel up to 49' sand .3-.2
9/9/2007	8.5			1.75										#6 Gravel 51' sand 3-2 #23 Gravel 51' sand .2-.1
9/10/2007	9.25													#6 Gravl 52' sand 1.4-1 #23 shutdown ready for test pump
9/11/2007	9.75		8	5										#6 Gravel 52' sand 1.4-.8
9/12/2007	3.5		5	9										#6 Sand 1.4-1 #23 Set Test pump #22 started Air Gravel 55'
End Rotat.														#6 Shutdown pump out #23 Fin. Test Pump sand .07 #22 flooded shutdown
9/17/2007	7.5		7.25	7										
9/18/2007	9.5		5.5	8.75										#6 Gravel 63' sand 1.2-1 #22 Sand 3-2 #23 Sand .1-.09 @ 1500 Gpm
9/19/2007	9.75		4.75	9.5										#6 Gravel 64' Sand 1.6-1.1 #23 Sand .1-.09 @ 2000 Gpm #22 Sand 3-2 Shutdown flood
9/20/2007	0		0	9.75										#6 Sand 1.2-1 #23 Sand .1-.09 #22 Sand 3-2 Shutdown flooded
9/21/2007	0	8.5	0	10										#6 shutdown Gravel to 70' #22 shutdown flooded #23 Sand .07-.08
9/22/2007	0	0	0	10										#6 Shutdown Gravel #22 Shutdown flooded #23 Sand .07 #9 Jetting w/air
9/23/2007	10	0	10	9.75										# 6 shutdown added gravel up 49' #22 installed layflat #23 Sand .08-.07 #9 Done Jetting
9/24/2007	10	0	10	9.75										# 6 Sand 1.1-.9 #23 Sand .07 #22 Sand 3-2
9/25/2007	10	0	10	9.75										#6 Sand 1.1-1 #23 Sand .07 #22 Sand 3-2
9/26/2007	9	0	9	7.5										# 6 Sand 1.1-9 #23 Sand .07 #22 Sand 3-2
End Rotat.														#6 Sand 1.4-.9 #23 Sand .07 # 22 Sand 6-5
10/1/2007	8	0	7.5	8										
10/2/2007	9	0	8	0										#6 Sand 1 #22 Sand 5 #23 Sand .07
10/3/2007	9.75	0	9.75	0										#6 sand 1 #22 Sand 5 #23 Step Test T.Urum
10/4/2007	9	0	9											#6 sand 1.1 #22 sand 5 #23 Constant Rate Test T.urum
10/5/2007	9	0	9											#6 Sand .09 Added Gravel 58' # 22 Gravel 52' Sand 7
10/6/2007	9	0	9.5											#6 Sand 1 Gravel 59; #22 Gravel 52' Sand 7.1
10/7/2007	9	0	9											#6 Sand .09 #22 Sand 6.5
10/8/2007	9	0	9											#6 Sand 1 # 22 sand 6.2
10/9/2007	9	0	9											#6 Sand 1-1.2 #22 Sand 5.9-5.3
10/10/2007	8.75	0	8.75											#6 Sand 1.3-1.5 #22 sand 2.3-2
End Rotation														# Sand 1.1-1 Gravel 63' #22 Sand 2-1.9 Gravel 55'
10/15/2007	7.75	0	2.5											
10/16/2007	8.75		6.25											#6 Sand .7-.9 Gravel 63; #22 Sand .9-1
10/17/2007	9		2.5											#6 Sand .5-.8 #22 Sand .9-.8
10/18/2007	9	8	7											#6 Gravel 66' sand .8-1.5 #22 Gravel 56' Sand .8-.9
10/19/2007	9	8.5	7											#6sand .9-.9 #22 sand 1-.9
10/20/2007	8.25	0	8											#6sand .9-.8 #22 sand .9-.8
10/21/2007	9.25	9	8											#6sand 1-.7 #22 Sand .8-.7
10/22/2007	9	8	8.5											#6 Gravel 60' Sand .8-.6 #22 Gravel 57' Sand 1-.7 #9 Gravel 58' Sand 20
10/23/2007	9	8.75	8.5											#6Sand .9-.6 #22 Sand 1-.6 #9 15
10/24/2007	9	8.75	8.75											#6 Sand .7-.4 #22 Sand .9-.6 #9 sand 7
End Rotation														#6 Sand .5-.4 #22 Sand .8-.5 #9 Sand 3
10/30/2007	9.5	0	9.5											
10/31/2007	9.25	0	9.5											#6 Sand 5-.6/ #22 Sand .8-.8
11/1/2007	8.5	0	8.5											#6Sand .7-.6/#22 Sand .8-.7
11/2/2007	8.5	0	0											#6Sand .9-.8/#22 Shutdown dumpster leak
11/3/2007	9.25	8	8.75											#6Sand .8-.2/ #9 Sand 2-2/#22 Sand .5-.5
11/4/2007	8.75	8.25	9											#6Sand .7-1.5/ #9Sand 2-2/# 22 Sand .5-.3
11/5/2007	9	9	9.25											#6Sand .7-1.5/ #9Sand .8-.8 /#22Sand
11/6/2007	9.25	9.5	9											#6Sand .8-.1/#9Sand 1.5-1/#22 Sand .5-.5
11/7/2007	8.75	0	9											#6Sand .8-1.6/#9Sand 1-.4/#22 Sand .4-.2
End Rotation														#6Sand 2/ #9Sand shutdown doors open compressor/ #22 Sand .2

Item 14

[illegible]

Item 14

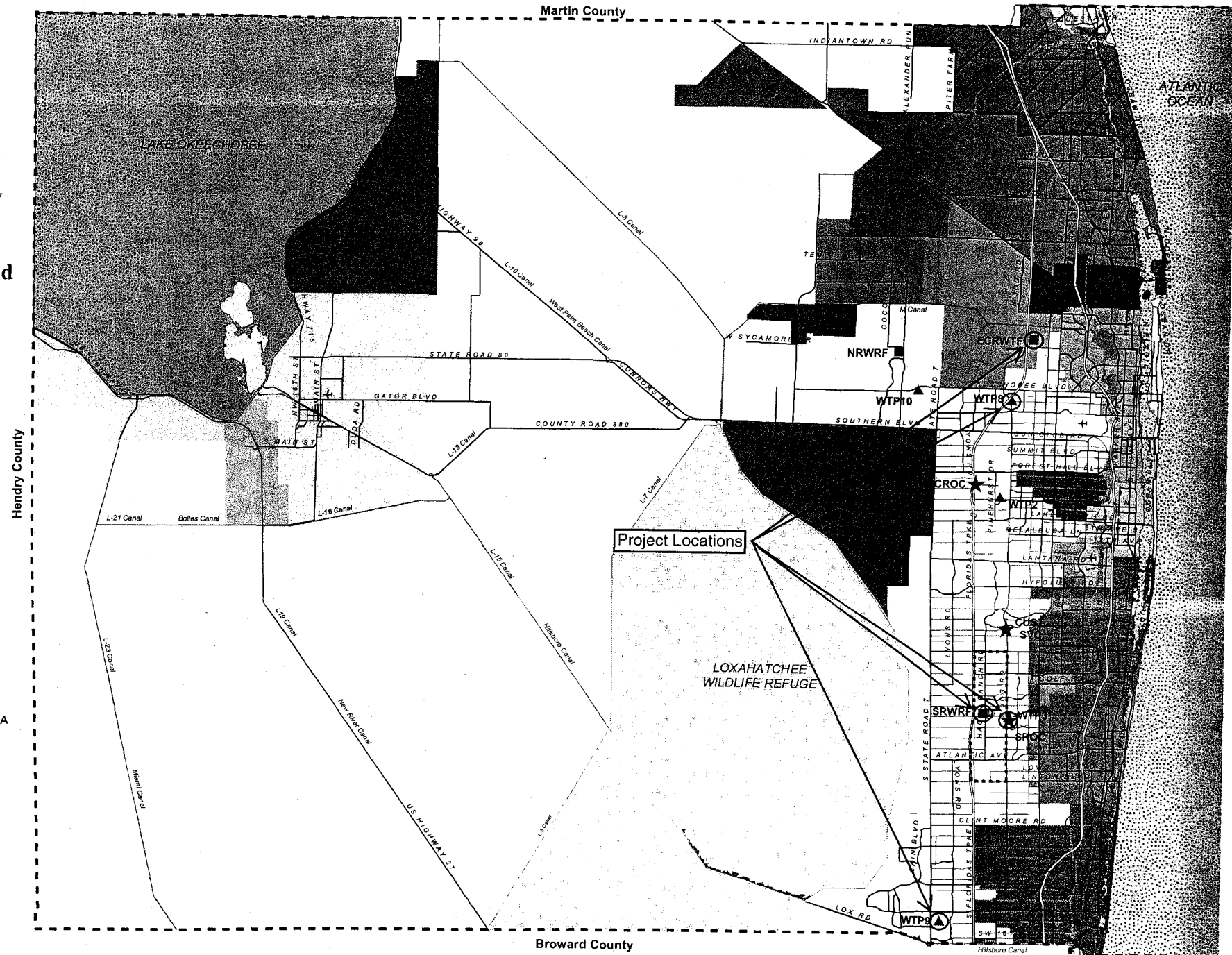
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Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities

Legend

- P.B.C.W.U.D. SA
- MANDATORY RECLAIMED SA
- - - - - Palm Beach County Limits
- ★ Administration
- Water Reclamation Facility
- ▲ Water Treatment Facility
- ⊙ Wetlands



**SYSTEMWIDE WELLFIELD IMPROVEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 05-041
CHANGE ORDER NO. 1**

Contractor:
Southeast Drilling Services, Inc.
P.O. Box 271723
Tampa, Florida 33688

CONTRACT NO. R2006-2473
CONTRACT DATE: 11/21/2006
NOTICE TO PROCEED: 1/17/2007
BUDGET LINE ITEM: 4011-721-W006-6541
DISTRICT NUMBER 2, 3, & 5

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

1. Remove trees and debris from ATT Easement for well installation and wellsite access and add 5 days to complete. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. \$5,761.00
2. Change 24-inch wellheads to 30-inch wellheads to accommodate connection to the 30-inch steel surface casing instead of connecting to the 24-inch PVC final casing and add 5 days for fabrication. This will also keep the wellheads consistent throughout the wellfields. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. \$30,381.00
3. Change 24-inch well casing from SDR 26 to Schedule 40 PVC. The Schedule 40 PVC has a larger ID allowing for drilling with a larger drill bit which will increase the surface area of the sand face. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. (\$10,966.00)
4. Install the WTP 9 replacement wells (4) in the same borehole as the existing wells and add 40 days for completion. These wells will enlarge the existing wells from 8-inch diameter to 16-inch diameter. This will include demolition of the well pad, removal of all mechanical and electrical equipment, and pulling the existing well screen and well casing. It will also allow for the utilization of the existing easement, mechanical equipment, and electrical equipment. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. \$137,048.00
5. Change the well screens from a shallow well designed screen to a deep well designed screen. This change will provide for and increase in the open area of the screen and allow for increased flow volumes. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. \$12,690.00
6. Upgrade the electrical control panels for the WTP 3 Coral Lakes Wells to include emergency generator receptacles and additional appurtenances. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. \$16,384.00
7. Change the WTP 3 Coral Lakes well pumps from 40 HP to 50 HP. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. \$3,543.00
8. Plug and Abandon 4 pad monitor wells at the Lake Region Deep Injection Well and 16 Pad Monitor Wells at the 9 North Deep Injection Well (4), SROC Deep Injection Well (4), and SRWRF Deep Injection Wells (8). These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. \$7,799.00

**SYSTEMWIDE WELLFIELD IMPROVEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 05-041
CHANGE ORDER NO. 1**

- | | |
|---|----------------|
| 9. Install retaining wall and additional concrete pad at well 8W-22. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. | \$8,216.00 |
| 10. Pull and replace well screen in 3W-5 instead of drilling a new well. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. | (\$67,000.00) |
| 11. Add 4 additional new wells at WTP 3 and add 240 days for drilling and testing. These additional costs are itemized and described in the attached CPR quote from Southeast Drilling Services, Inc. | \$1,760,000.00 |

Total \$1,903,856.00

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

The original Contract Sum was:	\$4,095,000.00
Net change by previous Change Orders:	\$0.00
The Contract Sum prior to this Change Order was:	\$4,095,000.00
The Contract Sum will be increased by this Change Order:	\$1,903,856.00
The new Contract Sum including this Change Order will be:	\$5,998,856.00
The Contract time will be increased by:	290 Days
The Date of Substantial Completion including this Change Order:	<u>October 3, 2008</u>
The Date of Final Completion including this Change Order:	<u>November 2, 2008</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 Department
ENGINEER

P.O. Box 16097
W. Palm Beach, FL 33416
Address


Signature
Brian Shields, P.E. -
Deputy Director

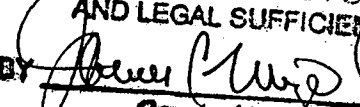
2/20/08
DATE

Southeast Drilling Services,
Inc.
CONTRACTOR

P.O. Box 271723
Tampa, Florida 33688
Address

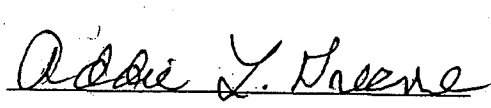

Signature
W.B. Ziegler, V.P.


2/19/08
DATE

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY
BY 
County Attorney

R2008-0390
Palm Beach County Water
Utilities Department
OWNER

P.O. Box 16097
W. Palm Beach, FL 33416
Address


Signature
Addie L. Greene, Chairperson

MAR 11 2008
Sharon R. Bock, Clerk & Computer
Palm Beach County
By 
Deputy Clerk