Agenda Item # 3K-2

#### PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

#### AGENDA ITEM SUMMARY

Meeting Date:	December 5, 2006	Consent [X] Public Hearing [ ]	Regular [ ]
Submitted By:	Water Utilities Department		
Submitted For:	Water Utilities Department		
			:================

I. EXECUTIVE BRIEF

**Motion and Title: Staff recommends motion to approve:** Change Order No. 3 with Southeast Drilling Services, Inc. for the Lake Region Water Treatment Plant (LRWTP) Test Production Wells increasing the Contract (R2004-1738) by \$217,209 and providing a 121-day time extension.

**Summary:** On August 17, 2004 the Board approved the contract for the LRWTP Test Production Wells (R2004-1738) with Southeast Drilling Services, Inc. for constructing seven Floridan Aquifer wells. During the drilling of the wells, the geologic conditions indicated that the well casing needed to be extended an additional 150 feet to minimize the production of sand from the Upper Floridan Aquifer. Sand production is a critical consideration for extending the life of reverse osmosis membrane elements. Reducing the sand production from the wells will also lower operational costs. Change Order No. 3 provides work related to additional drilling, casing, and cement grout for the increased well depths. The contract time is being increased by 121 calendar days to accommodate the additional time required for drilling and casing installation. Total Change Orders to date, excluding the \$129,964.40 Sales Tax Recovery Program Change Order, equals \$334,959.00 (1.107% increase). 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 14.69% overall.

(WUD Project No. 03-169)

District 6

(JM)

**Background and justification:** On August 17, 2004, the Board approved the contract for the LRWTP Test Production Wells (R2004-1738) with Southeast Drilling Services, Inc., in the amount of \$3,139,020 and Change Order No. 1 for sales tax recovery reducing the contract by \$129,964.40. The increased casing setting depth eliminates a high sand producing interval in the Upper Floridan Aquifer reducing the operational costs by minimizing cartridge filter replacement which collects sand and particulate matter prior to the reverse osmosis membranes. Change Order #3 allows for the increased casing and well depth for the reduction of sand increasing the contract by \$217,209.

#### Attachments:

- 1. Two (2) Original Change Order No. 3
- 2. Location map

Recommended By:

**Department Director** 

12/4/06

Approved By:

Assistant County Administrator

Date

## 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) In-Kind Match County	<u>\$217,209.00</u> 0 0 0		0 0 0 0		00000
NET FISCAL IMPACT	<u>\$217,209.00</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	d <u>4011</u> Dept	<u>721</u> Unit	<u>W026</u> Ol	oject <u>6541</u>	
Is Item Included in Current Bu	udget? Ye	es <u>X</u> N	lo		

Reporting Category N/A

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

\$217,209 is a one-time capital expenditure from user fees and balance brought forward.

C. Department Fiscal Review: \_\_\_\_\_\_\_

## III. REVIEW COMMENTS

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

130/26 ontract Developmen

This item complies with current County policies.

Legal Sufficiency Β. Assis fant ŚUI

C. Other Department Review:

Purchasing Department Director

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

Southeast Drilling Services, Inc. P.O. Box 271723 Tampa, Florida 33688	CONTRACT NO. CONTRACT DATE: NOTICE TO PROCEED: BUDGET LINE ITEM: DISTRICT NUMBER	8/17/200 10/4/200 4011-72	)4 )4
You are directed to make the following 1. Add additional reamed borehole Certa Loc PVC casing, addition miscellaneous overhead and expen- depth for each of the seven (7) La additional costs are itemized and compared additional costs are	drilling, additional 16-inch SE nal cement grout, and add nses for the increased casing s ke Region Production Wells	DR 17 itional setting These	\$217,209.00

from Southeast Drilling Services, Inc. dated September 8, 2006.
Increase contract time for Phase 2 Substantial Completion from 365 calendar days to 486 calendar days. Contract dates are based upon a December 26, 2005 Notice To Proceed for Phase 2 Construction.

Total \$217,209.00

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:	\$3,139,020.00
Net change by previous Change Orders:	(\$12,214.40)
The Contract Sum prior to this Change Order was:	\$3,126,805.60 \$217,209.00
The new Contract Sum including this Change Order will be:	\$3,344,014.60
The Contract time will be increased by:	121 Days
The Date of Substantial Completion including this Change Order Phase 1:	<u>July 31, 2006</u>
The Date of Substantial Completion including this Change Order Phase 2:	<u>April 25, 2007</u>
The Date of Final Completion including this Change Order:	<u>May 24, 2007</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 DISRRUPTIONS 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 Stephen McGrew, P.E.

10/30/06

DATE

Southeast Drilling Services, Inc.

CONTRACTOR

P.O. Box 271723 Tampa, Florida 33688 Address Palm Beach County Board of County Commissioners OWNER

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

Addie L. Green - Chairperson

Signature

W.B. Ziegler, V.P.

30/06  $^{\prime}\mathrm{O}$ 

DATE

ATTEST: Sharon R. Bock Clerk and Comptroller

Signature

DATE

LEGAL SUFFICIENCY:

APPROVED AS TO FORM AND

**County Attorney** 

**Deputy Clerk** 

# **CHANGE ORDER CATEGORIZATION**

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

## **SCHEDULE 1**

# PARTICIPATION OF SBE/MWBE CONTRACTORS

PROJECT NAME: Lake Re	egion Water Treatment Pl	ant Product	ion Wells	_	PROJECT NO. WUD 03-169
NAME OF PRIME CONTR					CHANGE ORDER NO. <u>3</u>
CONTACT PERSON: Bart			E NO: <u>561-4</u>		FAX NO: <u>561-493-1540</u>
CONTRACT DATE: Augus					DEPARTMENT: Water Utilities
******	**********	*****	*****	***	DEFARTMENT. Water Ounties
Name, Address and Phone Number of M/WBE	Type of Work To Be Performed		Cont	ract Amoun	t
		Black	Hispanic	Women	Other(Please Specify)
1.					
···		\$	\$	\$	\$ <u>0</u>
2.		\$	¢	ŕ	
	<u> </u>	Ψ	Φ	۵ <u></u>	\$ <u>0</u>
3.		\$	\$	\$	\$ <u>0</u>
·		<u> </u>			
4.		\$	\$	\$	\$_ <u>0</u>
5.		<u> </u>			
5.		\$	\$	\$	\$ <u>0</u>
	TOTALS	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>	\$ <u>0</u>
PRIME CONTRACTOR TO COMP	LETE:				
ORIGINAL CONTRACT PRICE:	<u>\$3,139,020.00</u> ORIGINAL	PARTICIPATI	ON: <u>\$813,2</u>	<u>59.00</u> %	PARTICIPATION: 15.60%
ADJUSTED CONTRACT PRICE:		PARTICIPAT			PARTICIPATION: 14.69%

\* Change Order #1 related to the Sales Tax Recovery Program does not change SBE/M/BE participation.

# COST SUMMARY

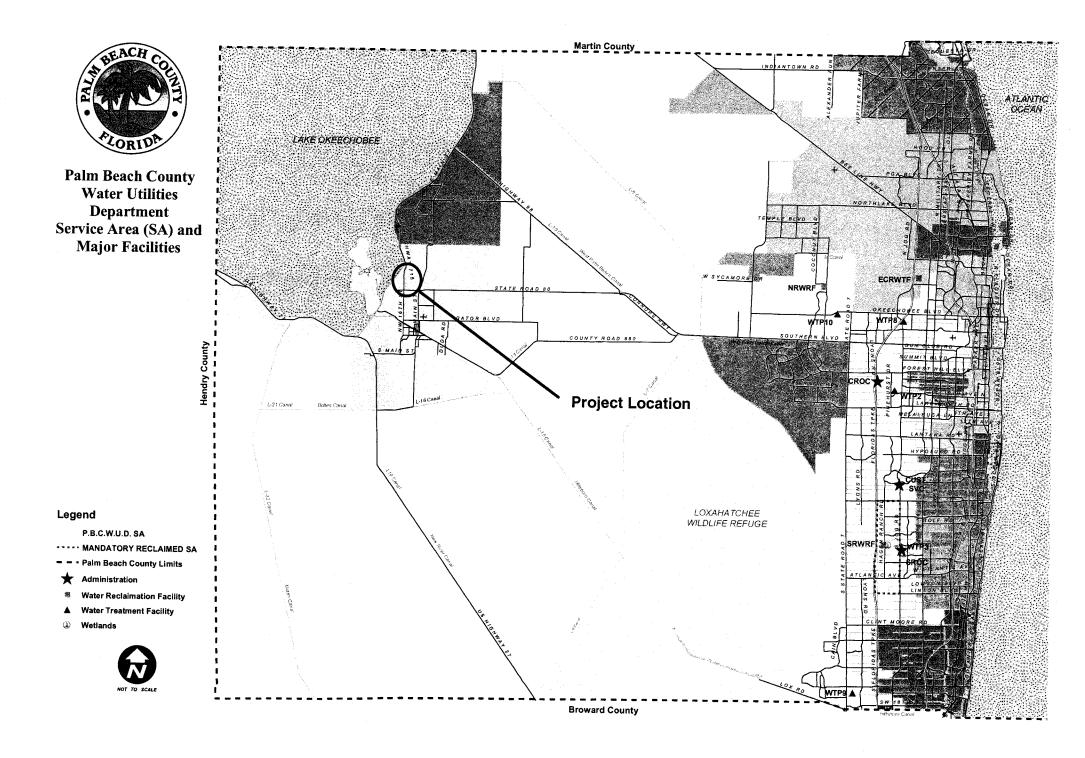
<u>C.O. #</u>	DESCRIPTION	ADDITIONS	(DELETIONS)	NET CHANGE
1	Sales Tax Recovery	\$0.00	(\$129,964.40)	(\$129,964.40)
2	Additional Site Work Costs & Well Deduction	\$502,000.00	(\$384,250.00)	\$117,750.00
3	Additional Drilling, Casing, and Cement Grout	\$217,209.00	\$0.00	\$217,209.00
Total		\$719,209.00	(\$514,214.40)	\$204,994.60

# CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

	CT: ACTOR:	Pro Southeast	Lake Region Water Treatment Plant Production Wells Southeast Drilling Services, Inc.								
PROJEC		Tan	). Box 271723 npa, Fl. 33688 /UD 03-169		DEPARTMENT HEAD CONTRACT R COMMITT		REVIEW	REVIEW DEPARTM TEE PLUS CONTR COMM			
	JTION NO.:	R	2004-1738			(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)
DATE AI	PPROVED:	Αυς	just 16, 2005	INE	VIDUAL C.O.	\$25,000.00	12 Days	\$50,000.00	25 Days	\$60,000.00	
CONTRA	ACT AMOUNT:	\$3	,126,805.60	CUM	MULATIVE C.O.	\$25,000.00	-	\$75,000.00	37 Days	\$100,000.00	N/A N/A
C.O. #	DATE APPROVED	NET	DEPARTME (ADDS PLUS	DEDUCTS)	CONTRACT COMMIT (ADDS PLUS I	TEE	CONTRACT R	PT. HEAD & EVIEW COMM. S DEDUCTS)	COMMIS	F COUNTY SIONERS S DEDUCTS)	
1		CHANGE	AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	TOTALS
	11/16/2004	(\$129,964.40)	\$0.00	0	\$0.00	0	\$0.00	0	(\$129,964.40)	. 0	(\$129,964.40)
2	2/7/2006	\$117,750.00	\$0.00	0	\$0.00	0	\$0.00	0	\$117,750.00	(175)	\$117,750.00
3 4	Pending	\$217,209.00	\$0.00	0	\$0.00	0	\$0.00	0	\$217,209.00	121	\$217,209.00
5											
6											
7											-
8											
9											
10											
11											
TOTAL		\$204,994.60	\$0.00	0	\$0.00	0	\$0.00	0	\$204,994.60	(54)	\$204,994.60

## Notes:

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





Southeast Drilling Services, Inc.

P.O. Box 271723. Tampa, FL 33688 PH (813) 968-7277 FAX (813) 969-4397

#### PROJECT: PBC LAKE REGIONAL PRODUCTION WELLS (WUD 03-169) SOUTHEAST DRILLING SERVICES, INC. SED CPR-2 WUD CPR -

SUBJECT: PBC LAKE REGIONAL CASING SETTING DEPTH INCREASE

M	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	соѕт	EXTENDEI
Marta 1	* · · · ·					
Materia						
1 16" SDI	R 17 Certo Lok	1000	Foot	\$60.50	\$60,500	
2 Cemen		1250		\$42.00	\$52,500	
3 Rig and	support equipment		Day	\$5,500.00		
4 Mud Sy	stem		Day Day	\$5,500.00	\$41,250	
5 Back He	De		Day		\$0	
6 Tractor	Trailer				\$0	
7 Crane			Day		\$0	
8			Day		\$0	
			Day		\$0	
	I Materials				£154.050	
Tax					\$154,250	
Total Ma	aterials				\$10,798	
						\$165,04
1 Project I	Management					
2 Supervis	sor		Hour	\$130	\$1,040	
3 Project L			Hour	\$78	\$5,850	
		225		\$45	\$10,125	
5 Hotel	(4-man crew)	30 (	Day	\$47	\$1,410	
o notei		7.5 [	Day	\$120	\$900	
Subtotal	Labor & Perdiem					\$19,32
Bonding						\$3,68
Subtotal	SED Services					•=,00
	ration & Overhead					\$188,06
Subtotal	auon & Overnead					\$18,80
Profit						\$206,86
						\$10,34
Total SE	D Services					\$217,20
Subcontr	actor Work					
		_				
2			ach		\$0	
		E	ach		\$0	
Total Sul	ocontracts					
, otal Out	Conducto .					\$0
Subtotal						
						\$0
Bonding						\$(
Subtotal						\$0
Overhead	& Administration					• •
Total Sul	bcontract items					\$( <b>\$(</b>
Total Cha	ange Proposal Request					\$217,209
Total Add	litional Time	494 0	alendar Da			¥=17,203
		121 Ca	alondar D	ave		

Note

These costs are for the increased final casing setting depth from 1,050 feet to 1,150 feet below land surface.
 See attached sheet for additional time calculation
 Note that there will be additional costs and time required to move back to each well and perform acidization and final pumping tests at a later date. This change in work sequence was requested by the County.

CPR-2 (Casing Setting Depth Mods).xls 10/26/2006

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# Central Florida Pipe & Supply, Inc. 9450 Voyles Loop Road • P.O. Box 883 Polk City, Florida 33868 • (863) 984-1705 "Growth through Friends"

INVOICE

INVOICE# 07862

Southeast Drilling Services 1930 Land C' Lakes Blvd #15

JOB# PBCLR

Lutz, Fl 33549

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ATTACHMENT 2

