

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: December 16, 2008 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: Supplement No. 2 to Work Authorization No. 1 to rehabilitate wells at Water Treatment Plants No. 2, 3, 8, 9 and 10 with Southeast Drilling Services, Inc. for the Water Utilities Department Wellfield Rehabilitation Project (R2007-2025) concerning well rehabilitation and repair in the amount of \$500,000.

**Summary:** On November 6, 2007, the Board of County Commissioners approved Work Authorization No.1 (R2007-2026) which provides for rehabilitation of 12 wells and for monthly chemical maintenance injections on 20 wells for a one year period at Water Treatment Plants No. 2, 3, 8, 9 and 10 in the amount of \$700,000. Supplement No. 1 to Work Authorization No. 1 allowed for that maintenance program to continue to the end of the fiscal year. This Supplement No. 2 to Work Authorization 1 will allow for the continued rehabilitation of the raw water supply wells for the second fiscal year of the Continuing Construction Contract. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15.00% overall. This contract with Southeast Drilling Services, Inc. provides for SBE participation of zero overall. This was due to the specialized nature of the work and the fact that Southeast Drilling was the only bidder. However since the inception of this project, Southeast Drilling Services, Inc. has received their SBE certification for General Construction, Well Drilling Services, and Pump Equipment and Accessories Maintenance and Repair. (WUD Project No. 08-023) District 2, 5 and 6 (JM)

**Background and justification:** Palm Beach County operates five water treatment plants with a total of 97 wells. Potable water wells require periodic rehabilitation to maintain productivity and minimize electrical pumping costs. Using a continuing construction contract for wellfield rehabilitation provides an efficient means to maximize wellfield productivity. Supplement No. 2 to Work Authorization No. 1 will allow for the well maintenance and rehabilitation program to continue for the second fiscal year of the Continuing Construction Contract and help maintain the Water Treatment Plants Raw Water production levels.

Attachments:

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

Recommended By: Berli Beards 11/20/08  
Department Director Date  
Approved By: Sharon G. By 11/20/08  
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>\$500,000.00</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 CCRT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$500,000.00</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:

Work authorizations will be budgeted from the Water Utilities Department Capital Improvement Fund. The sources of Water Utilities funds are user fees, connection fees and balances brought forward.

C. Department Fiscal Review: Debra M West

III. REVIEW COMMENTS

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

Shirley White 11.25.08  
OFMB nm CN 11/24/08  
11/24

Dr. J. Jacob 12/1/08  
Contract Development and Control  
E. Jones 11/25/08

B. Legal Sufficiency:

James C. Muz 12/3/08  
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.



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

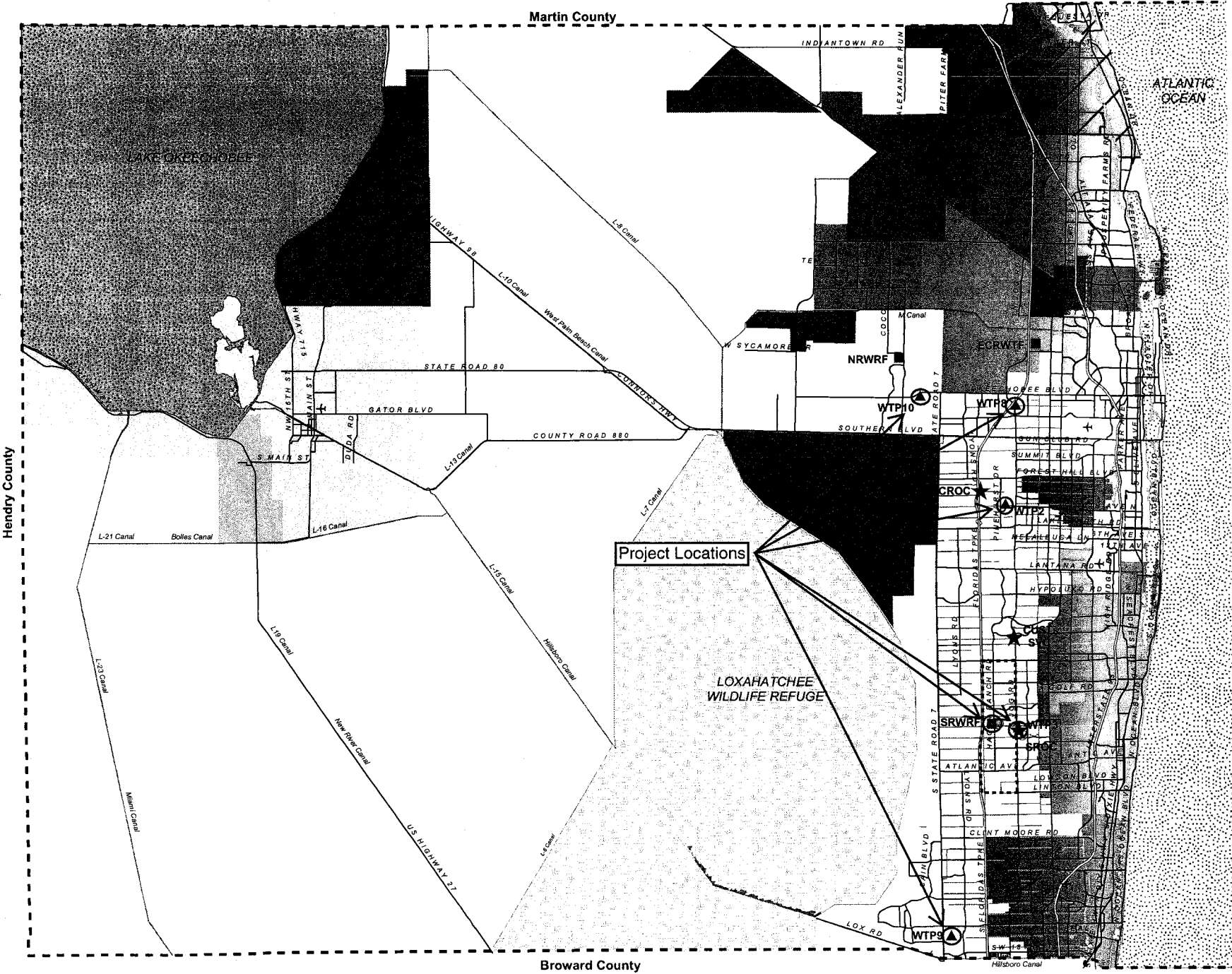
Attachment 1

Legend

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



NOT TO SCALE



**SUPPLEMENT NO. 2  
WORK AUTHORIZATION NO. 1  
WATER UTILITIES DEPARTMENT  
WELLFIELD REHABILITATION CONTINUING  
CONSTRUCTION CONTRACT**

**Project No. WUD 08-023      District: 2, 3, 5, and 6**

**Budget Line Item No. 4011-721-W006-6541**

**Project Title: Water Treatment Plant No. 2, 3, 8, 9 and 10 Wellfield Rehabilitation**

**THIS SUPPLEMEMNT NO. 2 TO AUTHORIZATION NO. 1** to the Contract for Construction Services dated November 6, 2007 (Resolution/Document 2007-2025), by and between Palm Beach County and the Contractor identified herein, is for the Construction Services described in Item 3 of this Authorization. The Contract provides for 0.00% SBE participation overall. This Supplement includes 0.00% overall participation. The cumulative proposed SBE participation, including this authorization is 0.00% overall.

1. CONTRACTOR: Southeast Drilling Services, Inc.
2. ADDRESS: 119 Lucina Drive, Hypolluxo, Florida 33462
3. Description of Services to be provided by the Contractor:  
  
See EXHIBIT "A".
4. Services completed by the Contractor to date:  
  
See EXHIBIT "B" and "C".
5. Contractor shall begin work promptly with the following work commencing from the notice to proceed date:  
Substantial Completion 700 Calendar Days,  
Final Completion 730 Calendar Days  
Liquidated damages will apply in accordance with Paragraph 1.6.1 of the Contract Bid Form
6. The compensation to be paid to the Contractor for providing the requested services in accordance with the Contract Bid Prices is \$500,000.00
7. EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED, all other terms, conditions and obligations of the Contract dated November 6, 2007 remain in full force and effect.

**SUPPLEMENT NO. 2  
WORK AUTHORIZATION NO. 1  
WATER UTILITIES DEPARTMENT  
WELLFIELD REHABILITATION CONTINUING  
CONTINUING CONSTRUCTION CONTRACT**

**Project No. WUD 08-023**

**Project Title: Water Treatment Plant No. 2, 3, 8, 9 and 10 Wellfield Rehabilitation**

IN WITNESS WHEREOF, this Authorization is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

PALM BEACH COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ATTEST:

Sharon R. Bock  
Clerk and Comptroller

BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY

\_\_\_\_\_  
**John F. Koons, Chairman**

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY

\_\_\_\_\_  
Date

\_\_\_\_\_  
(County Attorney)

CONTRACTOR

ATTEST:

\_\_\_\_\_  
Witness

**THOMAS G. UHLM Hydro**  
\_\_\_\_\_  
(Name and Title)

(CORPORATE SEAL)

\_\_\_\_\_  
(Signature)

**W. D. ZIEGLER, Pres**  
\_\_\_\_\_  
(Name and Title)

**11/3/08**  
\_\_\_\_\_  
Date

**EXHIBIT 'A'**

**SUPPLEMENT NO. 2  
WORK AUTHORIZATION NO. 1  
PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT  
ENGINEERING/PROFESSIONAL SERVICES**

**SCOPE OF WORK  
FOR**

**Water Treatment Plant No. 2, 3, 8, 9 and 10 Wellfield Rehabilitation**

**INTRODUCTION**

Palm Beach County (County) entered into a Contract for Construction Services dated November 6, 2007 (Resolution/Document 2007-2025), by and between Palm Beach County and Southeast Drilling Services, Inc., for the Construction Services of this Supplement to the Authorization.

This Contract for Construction Services encompasses providing services related to rehabilitation of potable water wells for Water Treatment Plant No. 2, 3, 8, 9 and 10.

**SCOPE OF SERVICES**

The Contractor shall provide rehabilitation of wells at Water Treatment Plants 2, 3, 8, 9, and 10 in accordance with Palm Beach County Water Utilities Department Minimum Engineering and Construction Standards, as indicated in the contract documents. Attachment "B" indicates the proposed description of work including mobilization, fence removal, specific capacity and pump efficiency testing, removal of pump and column pipe, cleaning the casing, video testing, jetting, acidization, pump development, chlorination, bacteriological testing and all other required services.

**COMPENSATION**

Compensation shall be based on the Contract for Construction Services dated November 6, 2007 (Resolution/Document 2007-2025) as approved by the Board of County Commissioners.

**SBE- M/WBE PARTICIPATION**

As described in Section 7.5 of the Contract, SBE participation is included in Attachment B and Attachment C under this Authorization. The attached Schedule 1 defines the SBE -M/WBE applied to this Contract.

ATTACHMENT – A	Public Construction Bond
ATTACHMENT – B	Supplement No. 1 Schedule of Bid Items
ATTACHMENT – C	SBE Schedule 1
ATTACHMENT – D	SBE Schedule 2
ATTACHMENT – E	Location Map

Southeast Drilling Services, Inc.				Supplement No. 2 - Work Authorization No. 1	
Bid Item	Description	Quantity	Unit	Unit Price	Amount
1	Mobilization/demobilization	0.5	Lump	\$55,000	\$27,500
2	Pre-rehabilitation Specific Capacity test	22	Each	\$350	\$7,700
3	Biological Activity Reaction Tests (BART's)	8	Each	\$300	\$2,400
4	Remove fencing and reinstall fencing to original condition	0	Each	\$60	\$0
5	Remove pump, column pipe, and well pump with motor	22	Each	\$1,200	\$26,400
6	Clean casing	22	Each	\$1,500	\$33,000
7	Video survey	22	Each	\$1,400	\$30,800
8	Acidize well with Liquid Acid Descaler, Cotey Chemical Corp.	15	Each	\$11,000	\$165,000
9	Acidize well with 1,000 gallons of 30% HCl	2	Each	\$11,000	\$22,000
10	CO2 injection including packer and gravel tube installation with grout seal	0	Each	\$15,000	\$0
11	Jet well	12	Each	\$1,900	\$22,800
12	Add Gravel pack	8	Cubic Yard	\$560	\$4,480
13	Well development and removal of rehabilitation debris by airlift	420	Hour	\$225	\$94,500
14	Reinstall pump, column pipe, and well pump with motor	32	Each	\$1,200	\$38,400
15	Disinfect well for Health Department clearance	2	Each	\$1,000	\$2,000
16	Bacteriological testing for Health Department clearance	2	Each	\$40	\$80
17	Post-rehabilitation Specific capacity test	22	Each	\$320	\$7,040
18	Wire to water efficiency tests	0	Each	\$150	\$0
19	Monthly monitoring of well data including specific capacity, static and pumping water	0	Monthly	\$2,500	\$0
20	Chlorine maintenance injection with pH adjustment (Quantity changed Addendum #1)	24	Each	\$500	\$12,000
21	Provide temporary pump and motor rental 25 to 40 HP	0	Monthly	\$1,900	\$0
22	Provide temporary pump and motor rental 50 to 75 HP	0	Monthly	\$2,900	\$0
23	Provide temporary pump and motor rental 100 HP	1	Monthly	\$3,900	\$3,900
24	Additional Work Not Included in above items	0	Lump	\$100,000	\$0
Total Base Bid Amount				\$500,000	



## ATTACHMENT C

### SCHEDULE #1

#### PARTICIPATION FOR SBE CONTRACTORS

PROJECT NAME: Water Treatment Plant No. 2, 3, 8, 9 and 10 Wellfield Rehabilitation

NAME OF PRIME BIDDER: Southeast Drilling Services, Inc.

CONTACT PERSON: Bart Ziegler

TELEPHONE NUMBER: (813) 968-7277

WORK AUTHORIZATION NO: 1

DEPARTMENT: Water Utilities Department

Name of Minority Contractor	Type and Description of Work	Contract Amount SBE			
		Black	Hispanic	Other	Women
		\$0.00	\$0.00	\$0.00	\$0.00
		\$0.00	\$0.00	\$0.00	\$0.00
		\$0.00	\$0.00	\$0.00	\$0.00

PRIME CONTRACTOR TO COMPLETE:

TOTAL  
PERCENT

\$0.00  
0.00%

\$0.00  
0.00%

\$0.00  
0.00%

\$0.00  
0.00%

WORK AUTHORIZATION PRICE:

\$700,000.00

Supplement No. 1 to WA No. 1

\$200,000.00

Supplement No. 2 to WA No. 1

\$500,000.00

TOTAL SBE:

\$0.00

TOTAL % PARTICIPATION:

0.00%

**PUBLIC CONSTRUCTION BOND**

BOND NUMBER: 929400834

BOND AMOUNT: \$1,672,500.00

CONTRACT AMOUNT: \$1,672,500.00

CONTRACTOR'S NAME: Southeast Drilling Services, Inc.

CONTRACTOR'S ADDRESS: 119 Lucina Drive  
Hypolluxo, FL 33462

CONTRACTOR'S PHONE: 561-493-9832

SURETY COMPANY: Western Surety Company

SURETY'S ADDRESS: 2405 Lucien Way  
Maitland, FL 32751

OWNER'S NAME: PALM BEACH COUNTY

OWNER'S ADDRESS: 8100 Forest Hill Boulevard (P. O. Box 16097)  
West Palm Beach, FL 33413

OWNER'S PHONE: (561) 493-6000

DESCRIPTION OF WORK: rehabilitation of existing surficial aquifer wells

PROJECT LOCATION: Systemwide

LEGAL DESCRIPTION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PUBLIC CONSTRUCTION BOND**

This Bond is issued in favor of the County conditioned on the full and faithful performance of the Contract.

KNOW ALL MEN BY THESE PRESENTS: that Contractor and Surety, are held and firmly bound unto  
Palm Beach County Board of County Commissioners  
301 N. Olive Avenue  
West Palm Beach, Florida 33401

as Obligee, herein called County, for the use and benefit of claimant as herein below defined, in the amount of

Dollars (\$ 1,672,500.00 )

(Here insert a sum equal to the Contract Price)

for the payment whereof Principal and Surety bind themselves, their heirs, personal representatives, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS,

Principal has by written agreement dated \_\_\_\_\_, 200\_, entered into a contract with the County for

Project Name: Wellfield Rehabilitation Continuing Construction Contract  
Project No.: WUD 07-184  
Project Description: rehabilitation of existing surficial aquifer wells  
Project Location: Systemwide

in accordance with Design Criteria Drawings and Specifications prepared by

Name of Design Firm: PBC Water Utilities Department  
Location of Firm: West Palm Beach, FL 33413  
Phone: 561/493-6110  
Fax: 561/493-6113

which contract is by reference made a part hereof in its entirety, and is hereinafter referred to as the Contract.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the contract dated \_\_\_\_\_, 200\_, between Principal and County for the design and construction of \_\_\_\_\_, the contract being made a part of this bond by reference, at the times and in the manner prescribed in the contract; and
2. Promptly makes payments to all claimants, as defined in Section 255.05, Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the contract; and
3. Pays County all losses, damages (including liquidated damages), expenses, costs, and attorneys' fees, including appellate proceedings, that County sustains because of a default by Principal under the contract; and

4. Performs the guarantee of all work and materials furnished under the contract for the time specified in the contract, then this bond is void; otherwise it remains in full force.
5. Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the contract or the changes does not affect Surety's obligation under this bond and Surety waives notice of such changes.
6. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of construction liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against the bond.
7. Principal and Surety expressly acknowledge that any and all provisions relating to consequential, delay and liquidated damages contained in the contract are expressly covered by and made a part of this Performance, Labor and Material Payment Bond. Principal and Surety acknowledge that any such provisions lie within their obligations and within the policy coverage's and limitations of this instrument.
8. Section 255.05, Florida Statutes, as amended, together with all notice and time provisions contained therein, is incorporated herein, by reference, in its entirety. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes. This instrument regardless of its form, shall be construed and deemed a statutory bond issued in accordance with Section 255.05, Florida Statutes.
9. Any action brought under this instrument shall be brought in the state court of competent jurisdiction in Palm Beach County, Florida and not elsewhere.

Mary Lindell  
Witness

Lenore Haywood  
Witness

Principal (Seal)

Sonya P. Giegler  
Title Secretary

Surety (Seal)

Michael Rogers  
Title Attorney-in-Fact

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Michael Wayne Rogers, William Cyrus Owen III, Sharon Elaine Taylor, Individually**

of Temple Terrace, FL, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

### - In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Senior Vice President and its corporate seal to be hereto affixed on this 11th day of October, 2006.

WESTERN SURETY COMPANY



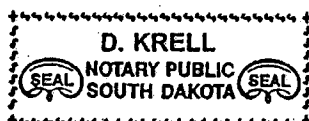
Paul T. Bruflat  
Paul T. Bruflat, Senior Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 11th day of October, 2006, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Senior Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

November 30, 2012



D. Krell  
D. Krell, Notary Public

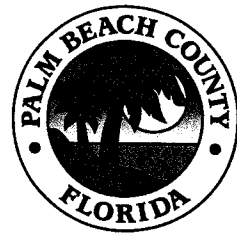
### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 16 day of October, 2007.



WESTERN SURETY COMPANY

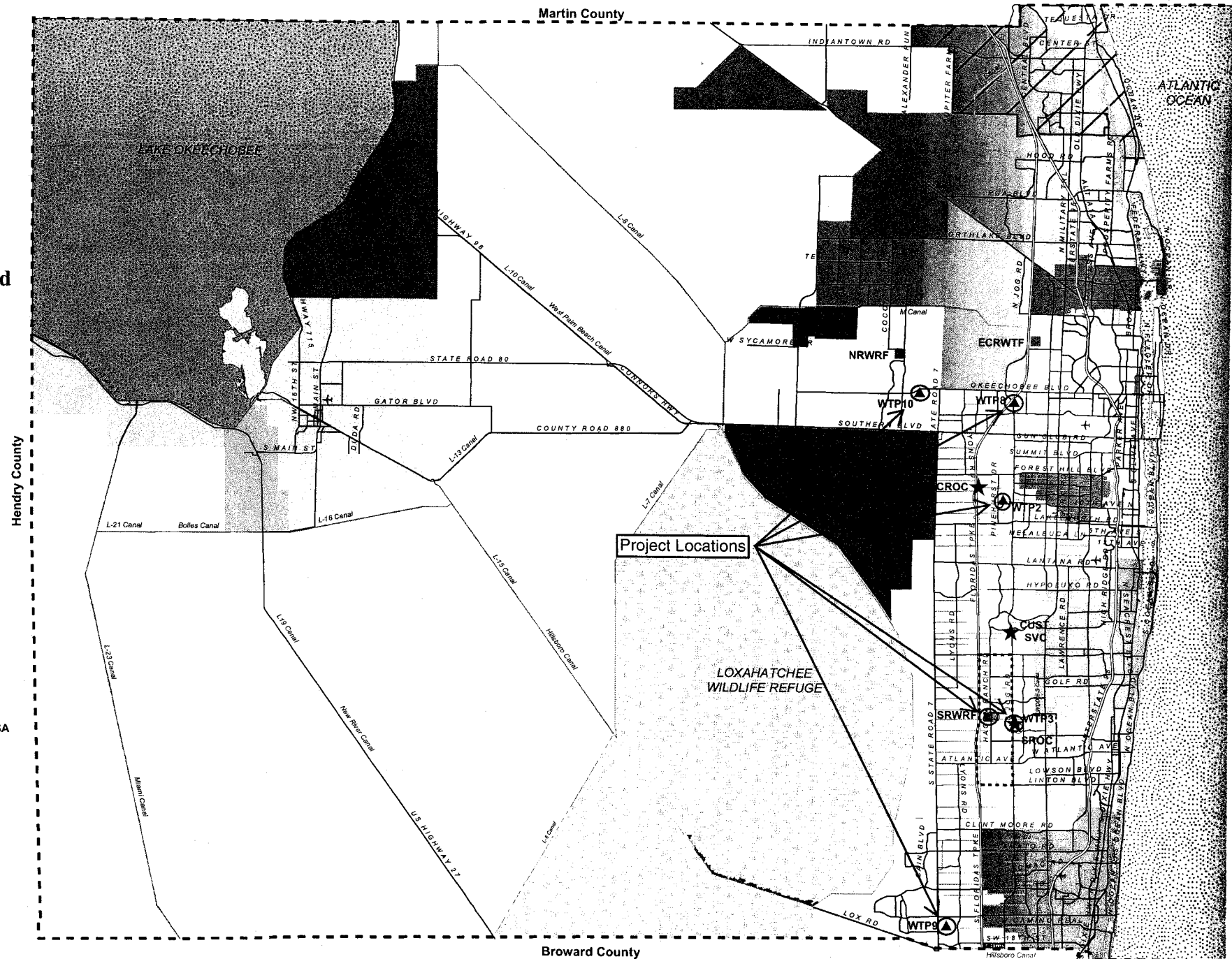
L. Nelson  
L. Nelson, Assistant Secretary



**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
- ① Wetlands



**SPECIAL ASSESSMENT PROGRAM  
CONTINUING CONSTRUCTION CONTRACT**

[illegible]

EXHIBIT -C

CONTINUING CONSTRUCTION CONTRACT  
SUMMARY OF SMALL BUSINESS ENTERPRISE TRACKING SYSTEM

Supplement No. 2 to Work Authorization No. 1

	TOTAL	BLACK	HISPANIC	OTHER	WOMAN
<b>Current Proposal</b>					
Value of Supplement No. 2	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Value of SBE Letters of Intent	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Actual Percentage	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Signed Authorizations</b>					
Total Value of Authorizations	\$700,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Value of Supplement No. 1	\$200,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Value of SBE Signed Subcontracts	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Actual Percentage	\$0.00	\$0.00	0.00%	0.00%	0.00%
<b>Signed Authorizations plus Current Proposal</b>					
Total Value of Authorizations	\$1,400,000.00				
Total Value of Subcontracts & Letters of Intent	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Actual Percentage	0.00%	0.00%	0.00%	0.00%	0.00%