

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

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Meeting Date:	September 12, 2006	Consent [X]	Regular []
		Public Hearing []	

Submitted For: Water Utilities Department

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I. EXECUTIVE BRIEF

Motion and Title: **Staff recommends motion to approve:** Consultant Services Authorization No. 11 to the Contract with Jordan, Jones & Goulding, Inc. (R2005-0775) for design, permitting, and bidding services for the Lift Station Rehabilitation Project in the amount of \$131,750.

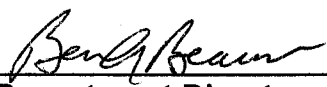
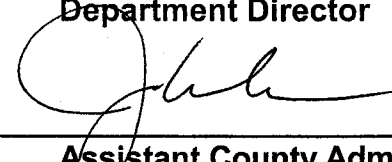
Summary: Consultant Services Authorization No. 11 with Jordan, Jones & Goulding, Inc. provides engineering services to upgrade and rehabilitate three (3) existing wastewater lift stations. The work will address conversion of dry-can type lift stations to submersible stations, upgrade of pumping and mechanical equipment, structural rehabilitation, and electrical improvements. The contract with Jordan, Jones & Goulding, Inc. includes the Small Business Enterprises (SBE) participation goal of 27%, which exceeds the 15% goal established by Palm Beach County Ordinance (No. 2002-064). This Consultant Services Authorization includes 35.70% overall participation. The consultant's cumulative SBE participation, including this authorization is 38.62% overall.

(WUD Project No. 06-164B)	<u>System-wide</u>	(MJ)
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Background and Justification: On April 19, 2005, the Board approved a contract for professional consulting engineering services with Jordan, Jones & Goulding, Inc., (R2005-0775) to provide Wastewater and Telemetry Engineering Services. This authorization provides survey, engineering design, permitting, and bidding services to rehabilitate and upgrade three existing wastewater lift stations.

Attachments:

- 1. Location Map
- 2. Two (2) Original Authorization No. 11

Recommended By:		<u>8/10/06</u>
	Department Director	Date
Approved By:		<u>8/21/06</u>
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2006	2007	2008	2009	2010
Capital Expenditures	<u>\$131,750.00</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>
Operating Expenses	<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>\$131,750.00</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 6546

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 the user fees, connection fees and balance brought forward.

C. Department Fiscal Review: Guy Eggen

III. REVIEW COMMENTS

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

Elizabeth Blush 8/15/06
OFMB
8-15-06
8/15/06

Don J. Jant 8/17/06
Contract Development and Control
8/16/06

B. Legal sufficiency:

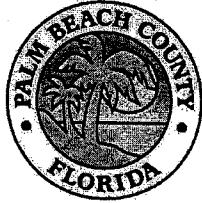
James C. Up 8/24/06
Assistant County Attorney

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.

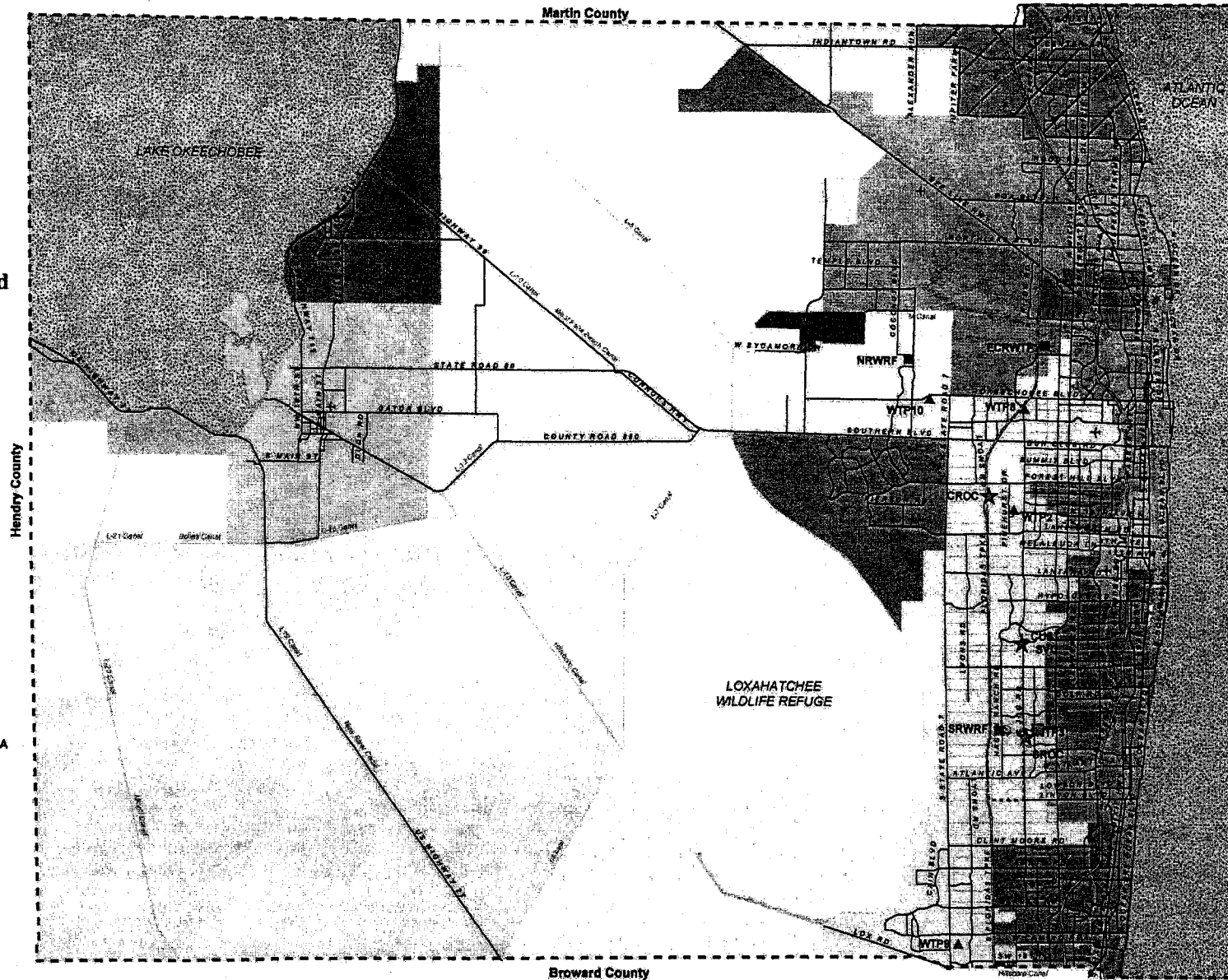


Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities

Attachment 1

Legend

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



Southern Region WRF
Palm Beach County, Florida

Attachment D - Location Map

Date: June 2005
Scale: N.T.S.

Figure 1

CONSULTANT SERVICES AUTHORIZATION NO. 11

Project No. WUD 06-164 (B)

Budget Line Item No. 4011-721-W006-6546

Project Title: Wastewater Lift Station Rehabilitation Project

District No.: 1,2,3,5,6

THIS AUTHORIZATION # 11 to the Contract for Consulting/Professional Services Dated April 19, 2005 with an effective date of June 1, 2005 (Resolution/Document R2005 0775), by and between Palm Beach County and the Consultant identified herein, is for the Consultant Services described in Item 3 of this Authorization. The Contract provides for 27.00% SBE participation. This Consultant Services Authorization includes 35.70% SBE. The cumulative SBE participation, including this authorization is 38.62%. Additional authorization will be utilized to meet or exceed the stated-overall participation goal.

1. CONSULTANT: Jordan, Jones & Goulding, Inc.
2. ADDRESS: 3300 PGA Boulevard, Suite 605, Palm Beach Gardens, FL 33410
3. Description of Services to be provided by the Consultant:
Provide professional engineering services for the rehabilitation of Lift Stations No. 264, 321, and 511.

See EXHIBIT "A".

4. Services completed by the Consultant to date:

See EXHIBIT "B" and "C".

5. Consultant shall begin work promptly on the requested services.
6. The compensation to be paid to the Consultant for providing the requested services shall be:
 - A. Computation of time charges plus expenses, not to exceed \$ XXXXX
 - B. Fixed price of \$ 131,750.00
7. This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.

PROJECT NO. WUD 06-164B AUTHORIZATION NO. 11

Budget Line Item No. 4011-721-W006-6546

8. EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED, all other terms, conditions and obligations of the Contract dated 04/19/05 with an effective date of 06/01/05 remain in full force and effect.

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

CONSULTANT:

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

FIRM: JORDAN, JONES & GOULDING, INC.

Signed: Walter C. Goblisch

Typed Name: Walter C. Goblisch

Title: Regional Office Manager

Date: 7/25/2006

ATTEST:

(Signed) Greg Shaw

Tony Masilotti *PM*
Tony Masilotti, Chairman

ATTEST:

Sharon R. Bock, Clerk & Comptroller

(Deputy Clerk)

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

(County Attorney)

EXHIBIT A

CONSULTANT SERVICE AUTHORIZATION NO. 11

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT ENGINEERING/PROFESSIONAL SERVICES

SCOPE OF WORK FOR WASTEWATER LIFT STATION REHABILITATION PROJECT

INTRODUCTION

Palm Beach County (COUNTY) entered into an agreement entitled Contract for Engineering/Professional Services – Palm Beach County Utilities Department Project No. WUD 05-002 (CONTRACT) with Jordan, Jones & Goulding, Inc. (CONSULTANT) to provide engineering services for various general activities on April 19, 2005. This Consultant Service Authorization will be performed under that CONTRACT.

This Consultant Service Authorization encompasses providing services related to the rehabilitation of lift stations 264, 321, and 511.

BACKGROUND

The COUNTY operates and maintains six hundred ninety four lift stations throughout Palm Beach County. Palm Beach County Water Utilities Department (PBDWUD) has twenty four lift stations within its service area that needs rehabilitation work and has requested that JJG perform the engineering services for rehabilitation for three of the twenty four stations.

SCOPE OF SERVICES

JJG shall provide professional engineering design and bidding services required to rehabilitate or replace the following wastewater lift stations:

Lift Station 264: Full conversion from dry can lift station to submersible pump lift station. Provide asphalt driveway, fencing, concrete slab, valves, valve vault, pumps, discharge piping, grouting, wet well repair and coating and panel/RTU. Investigate existing 5 ft. diameter wet well at the station for installation of high-head grinder pumps to see if they fit. Sound attenuation for bypass pumping and generator system must be considered during design.

Lift Station 321: Replace valves, discharge piping, and base elbows. Repair concrete and coatings. Provide concrete slab, fencing, panel/RTU, emergency generator (180 kW) with transfer switch, and enclosed fuel tank under generator. Reinstall existing submersible pumps and single stage scrubber system. Temporary emergency power shall be provided by the contractor during construction so station is not out of service at all times. A monitoring system that alerts responsible parties in case of shut down failure is to be provided. Sound attenuation for bypass pumping and generator system must be considered during design.

Lift Station 511: Full conversion from dry can lift station to submersible pump lift station. Provide asphalt driveway, fencing, concrete slab, valves, valve vault, pumps, discharge piping, panel/RTU, wet well repair and coating, emergency generator (180 kW) with transfer switch,

and enclosed fuel tank under generator. Convert from triplex to duplex station and reinstall existing two stage scrubber system. Sound attenuation for bypass pumping and generator system must be considered during design.

TASK 1: DESIGN DOCUMENTS

JJG will provide engineering services for the system design to be incorporated into drawings and specifications for this work. The design of the three lift stations will include civil, structural, mechanical, electrical, instrumentation, as required to produce a complete set of contract documents and specifications. Bidding and contract documents will follow COUNTY design standards. Drawing files will conform to the COUNTY's CADD Standards for layering and graphical presentation and will be delivered in AutoCAD Release 2005 (Format 2004) and plotted full size as standard "D" sheets (24" x 36"). Submittals will be made to the COUNTY at 30% (Preliminary Engineering), 60% (Design Development) and 90% (Final Design) stages.

TASK 2: ENGINEERING REVIEW WORKSHOP MEETINGS

An engineering review workshop session will be held to present and review the detailed design documents at the 30% and 60% submittals stages. At the 30% submittal stage three separate meetings will be held with the COUNTY and each Home Owners Association (HOA) with the intent that these meetings will be held all on the same day if possible.

TASK 3: COST ESTIMATING

Construction cost estimates will be furnished at the 30% and 60% submissions to the COUNTY. A final cost estimate for the Lift Station Rehabilitation Project will be prepared for review by COUNTY staff at the 90% submittal.

TASK 4: PERMITTING

The COUNTY will prepare the permit application for the engineer of records signature and seal. The permit application and fee will be submitted by the COUNTY. Any Request for Information (RFI) will be filtered through the COUNTY and forwarded to the engineer of record for response.

TASK 5: BIDDING SERVICES

This includes the provisions of conventional bidding services for the work, including assistance with advertisement of the project, presiding over a pre-bid meeting, attending the bid opening, and review, evaluation of bids. The COUNTY will coordinated the distribution and sale of non-refundable bidding documents; the CONSULTANT will furnish to the COUNTY "camera-ready" reproduces including full-size drawings and specifications. The CONSULTANT will respond to questions by prospective bidders and will distribute addenda to the bidding documents as necessary. A recommendation of award will be prepared for the COUNTY, along with the bid tabulation and Notice of Award. Three (3) sets of Contract Documents, incorporating the successful Contractors bid information, will be prepared. The Contract Documents will be transmitted to the Contractor with detailed instructions regarding execution, and the returned documents will be checked and, when complete, transmitted to the Owner for final execution.

Once fully executed, a Notice of Award will be prepared for issuance by the Owner. A conformed construction contract set consisting of one (1) set of full-size drawing reproducibles and specifications and an electronic copy of the drawings in AutoCAD and specifications in MS Word will be furnished to the OWNER.

TASK 6: CONSTRUCTION PHASE SERVICES

CONSULTANT will provide electrical and telemetry/instrumentation technical submittal review to the COUNTY upon receipt of those construction submittals from the COUNTY for the noted lift station sites. Mechanical equipment, site improvements, etc. (i.e., all other submittals other than the electrical and telemetry/instrumentation submittals) will be reviewed by the COUNTY. At the direction of the COUNTY, the CONSULTANT will conduct three (3) site visits for each lift station during construction and one (1) site visit during each lift station's start-up activities; each site visit shall be based on a duration of not less than four (4) hours. A written report of findings will be furnished by the CONSULTANT to the COUNTY following each site visit.

ASSUMPTIONS

1. Submittal to the local municipality for building inspection department review is required and will be made by the COUNTY.
2. COUNTY to pay for any permit application submittal fees and/or permit fees.
3. COUNTY to provide emergency generator standards such as list of specific manufacturers to all consultants involved before design efforts begin.
4. The design schedule allows two (2) weeks per submittal for review comments to be returned by the COUNTY to the CONSULTANT.
5. All surveys of the lift station sites completed for the COUNTY will be provided to the CONSULTANT both in printed full-size hard copy as well as in electronic format as AutoCAD files with nomenclature and layering conventions clearly identified.
6. The COUNTY will field mark utilities under its control to be surveyed by the CONSULTANT.
7. The COUNTY will place flow metering totes in terminal manholes of stations to provide to the CONSULTANT a minimum 30-days of flow data for the purpose of sizing pumps and wet wells. In addition any historical flow records and/or pump run times will be furnished to the CONSULTANT in comma/delimited, spreadsheet or database format for analysis.
8. Wet wells are assumed to not have sufficient volume below invert of the incoming gravity main to meet the minimum pump cycle times specified by the COUNTY.
9. Construction phase services by the CONSULTANT included in this authorization will be under the direction of the COUNTY. Construction contract administration will be the responsibility of the COUNTY.

COMPENSATION

For performing the Lift station Rehabilitation Project detailed design drawings and bidding services, the CONSULTANT will be paid the lump sum fee of \$131,750.

SBE PARTICIPATION

As prescribed under Section 7.5 of the CONTRACT, SBE participation is included in Attachment C under this Authorization. The attached Schedule 1 defines the SBE participation.

ATTACHMENT – A	Budget Summary
ATTACHMENT – B	Project Schedule
ATTACHMENT – C	SBE Schedules 1 and 2
ATTACHMENT – D	Location Map

WASTEWATER LIFT STATION REHABILITATION PROJECT BUDGET SUMMARY

BUDGET SUMMARY											
Task Number	Task Description	Labor Grade and Hourly Rate									Sub Consultant Services
		Engineer 8	Engineer 7	Engineer 6	Engineer 5	Engineer 4	Designer 3	Engineer 2	Admin. Assistant	Total Labor	
1	Design Documents										
1a	Process Mechanical	8			32	60	160	50	48	48	
1b	Civil			16			24	32		310	
1c	Structural			8	12		12			72	
										32	
2	Engineering Review Workshop Meetings				16		8		16	40	
3	Cost Estimating				10		8		8	26	
4	Permitting				16		16		8	40	
5	Bidding Phase Services		16		8	24	8	10	24	90	
6	Construction Phase Services										
6a	Site Visits & Reports (3 + start-up per site)			12	8	54		18	8		
6b	Submittal Coordination				8				24		
Sub	Hillers Electrical										\$42,837
	(Electrical and Instrumentation/Control)										
Sub	Betsy Lindsay (Surveying, Utility Location)										\$4,200
	Labor Subtotal Hours	8	16	36	110	138	236	110	136	658	
	Labor Raw Costs	\$65.46	\$57.33	\$48.38	\$39.58	\$32.98	\$31.44	\$25.67	\$19.60		
	Labor Multiplier	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		
	Labor Sub Total	\$1,571	\$2,752	\$5,225	\$13,061	\$13,654	\$22,260	\$8,471	\$7,997		
	Labor Total										\$74,991
	Subconsultant Labor Total										\$47,037
	Subconsultant Multiplier										1.1
	Subcontract Total										\$51,741
	Reimbursible Expenses										\$ 4,999
	Total Estimated Cost										\$131,731
	Total Lump Sum Cost										\$131,750

ATTACHMENT - A (Continued)

**WASTEWATER LIFT STATION REHABILITATION PROJECT
DIVISION OF PROJECT INTO ACTIVITIES**

Activity	Portion of Project
A. Project Initialization	10%
B. Prepare and Submit 60% Contract Documents	50%
C. Technical Review Workshop	10%
D. Incorporate Contract Documents	20%
E. Review and Finalize Design	5%
F. Bidding Services	5%
Total	100%

ATTACHMENT B
WASTEWATER LIFT STATION REHABILITATION PROJECT
PROJECT SCHEDULE

SCHEDULE

The completion dates for this work will be as follows (starting from CONSULTANT'S receipt of Notice-to-Proceed).

<u>Engineering Services</u>	<u>Completion Date from Notice-to-Proceed</u>
Submit 30% Contract Documents to PBCWUD	60 Days
30% Technical Review Workshop	65 Days
Submit 60% Contract Documents to PBCWUD	105 Days
60% Technical Review Workshop	110 Days
Submit 90% Contract Documents to PBCWUD	140 Days
Incorporate COUNTY markups and comments	155 Days
Final Deliverable	160 Days

Schedule is contingent upon receipt of review comments within reasonable timeframe.

ATTACHMENT C**SCHEDULE #1****LIST OF PROPOSED SBE-M/WBE PRIME/SUBCONTRACTORS**PROJECT NAME: Wastewater Lift Station Rehabilitation ProjectPROJECT NUMBER: WUD 06-164BNAME OF PRIME BIDDER: Jordan Jones & GouldingCONTACT PERSON: John ToddBID OPENING DATE: N/AADDRESS: 3300 PGA Boulevard, Suite 780, PBG, FL 33410PHONE NO. (561) 799-3855 FAX NO. (561) 799-6579DEPARTMENT Water Utilities Department**PLEASE IDENTIFY ALL APPLICABLE CATEGORIES**

Name, Address and Telephone Number of Minority Contractor	(Check one or both Categories)							Dollar Amount	
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)		
Hillers Electrical Engineering Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	\$	\$42,837.00	\$	\$	\$		
Betsy Lindsay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$ 4,200.00	\$	\$		
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$		
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$		
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$		
PRIME CONTRACTOR TO COMPLETE:	TOTAL		\$ -	\$ 42,837.00	\$ 4,200.00	\$ -	\$ -		
BID PRICE: <u>\$131,750.00</u>	Total Value of SBE Participation:		<u>\$47,037.00</u>						

NOTE:

1. The amount listed on this form for a Subcontractor must be supported by price or percentage included on Schedule 2 or a proposal from each Subcontractor listed in order to be counted toward goal attainment.
2. Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount under the appropriate category.
3. M/WBE information is being collected for tracking purposes only.

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONTRACTOR

PROJECT NO. WUD 06-164BPROJECT NAME: WWLS RehabTO: Jordan Jones & Goulding

(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a(n) – (check one or more, as applicable):

Small Business Enterprise _____

Minority Business Enterprise XBlack _____ Hispanic X Women _____ Caucasian _____ Other (Please Specify) _____

Date of Palm Beach County Certification: _____

The undersigned is prepared to perform the following described work in connection with the above project
(Specify in detail, particular work items or parts thereof to be performed):

Line Item/Lot No.	Item Description	Qty / Units	Unit Price	Total Price
<u>1</u>	<u>Electrical & Instr. Eng.</u>	<u>1</u>	<u>\$42,837</u>	<u>\$42,837</u>

at the following price

\$ 42,837

(Subcontractor's quote)

And will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subcontractor, the amount of any such subcontract must be stated: \$ _____

The undersigned subcontractor understands that the provision of this form to prime bidder does not prevent subcontractor from providing quotations to other bidders

Hillers Electrical Engineering
(Print Name of SBE-M/WBE Subcontractor)

By: _____

(Signature)

Paul Hillers
(Print name/title of person executing on
behalf of SBE-M/WBE Subcontractor)

Date: _____

7/25/06

Florida Statewide & Inter-Local Certification



Florida Department of Management Services
Office of Supplier Diversity

Hillers Electrical Engineering, Inc.

is certified as a Minority Business Enterprise
under the provisions of Chapter 287, Florida Statutes and Inter-Local Agreement,
for a one year period from February 21, 2006 to February 21, 2007.


Director

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONTRACTOR

PROJECT NO. WUD 06-164B PROJECT NAME: WW LS Rehab

TO: Jordan Jones & Goulding
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a(n) – (check one or more, as applicable):

Small Business Enterprise _____ Minority Business Enterprise X

Black _____ Hispanic _____ Women X Caucasian _____ Other (Please Specify) _____

Date of Palm Beach County Certification: _____

The undersigned is prepared to perform the following described work in connection with the above project
(Specify in detail, particular work items or parts thereof to be performed):

Line Item/Lot No.	Item Description	Qty / Units	Unit Price	Total Price
<u>1</u>	<u>Surveying</u>	<u>1</u>	<u>\$4,200</u>	<u>\$4,200</u>

at the following price
\$ 4,200

(Subcontractor's quote)

And will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subcontractor, the amount of any such subcontract must be stated: \$ _____.

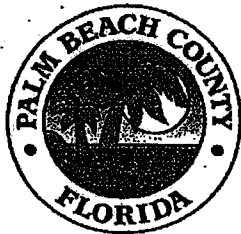
The undersigned subcontractor understands that the provision of this form to prime bidder does not prevent subcontractor from providing quotations to other bidders

Betsy Lindsay Inc.
(Print Name of SBE-M/WBE Subcontractor)

By: [Signature]
(Signature)

Elizabeth A. Lindsay, President
(Print name/title of person executing on behalf of SBE-M/WBE Subcontractor)

Date: 7/25/06



August 3, 2004

Certification Date: 08/03/2004 - 08/03/2007

Vendor Code: BETS0002

SERVICES: Surveying and Mapping Services
(except Geophysical)

Office of
Small Business Assistance
50 S. Military Trail, Suite 209
West Palm Beach, FL 33415
(561) 616-6840
Fax: (561) 616-6850
www.pbcgov.com

Betsy Lindsay, Inc.
208 N. U.S. Highway One, Unit 8
Tequesta, FL 33469

Attn: Elizabeth A. Lindsay

The Palm Beach County Office of Small Business Assistance has completed its review of the documents you submitted for renewal of your firm's certification and is pleased to announce that your firm has been certified as a Small/Womens Business Enterprise (S/WBE) for three (3) years.

Your firm shall be subject to the provisions of the Palm Beach County Purchasing Ordinance and all State and Federal laws relating to the transaction of business.

This certification entitles you to participate in contracting opportunities when the products and services offered by your firm are being considered for bid. As an additional service to your firm, you will be included in the Palm Beach County Directory of certified SBE firms. If you wish to have your firm's listing changed, please contact our office at (561) 616-6840.

Your company's certification is subject to periodic review to verify your continued eligibility. Any changes you report to the Purchasing Department must also be reported to OSBA. Your company name and vendor code must be the same in both departments. Failure to report changes in the status of your firm may result in your firm being decertified. Remember, whenever you respond to a County bid you must do so under the name of Betsy Lindsay, Inc., with vendor code BETS0002.

Sincerely,

A handwritten signature in cursive script that reads "Vicki Hobbs".

Vicki Hobbs
Certification Technician

■

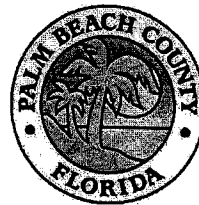
Palm Beach County
Board of County
Commissioners

Karen T. Marcus, Chair
Tony Masilotti, Vice Chairman

Jeff Koons
Warren H. Newell
Mary McCarty
Burt Aaronson
Addie L. Greene

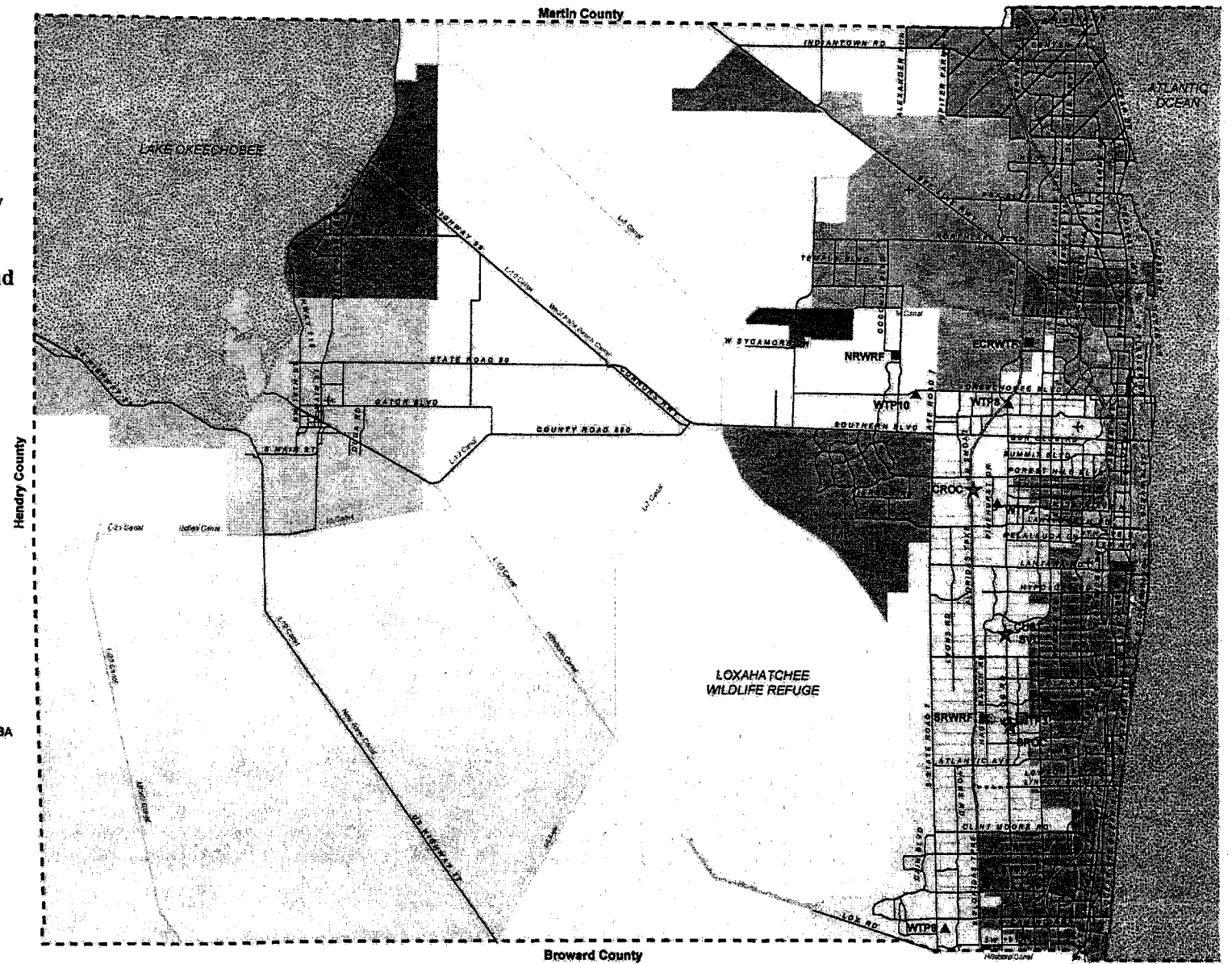
County Administrator
Robert Weisman

"An Equal Opportunity
Affirmative Action Employer"



**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
 - Project Location
- NOT TO SCALE



Southern Region WRF
Palm Beach County, Florida

Attachment D - Location Map

Date: June 2005
Scale: N.T.S.

Figure 1

EXHIBIT B

AUTHORIZATION STATUS REPORT WASTEWATER AND TELEMETRY CONSULTING SERVICES

SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	Date Approved	WUD No. Assigned	JJG Project No.
1	Southern Region WRF - Short Circuit, Device Coordination, and Arc Flash Hazard Study	Approved	\$144,055	8/16/2005	WUD 05-162	2409004
2	Southern Region WRF - Headworks By-pass Feasibility Study	Approved	\$46,932	8/10/2005	WUD 05-171	2409002
2.1	SRWRF Headworks Bypass System Design	Approved	\$34,846	5/31/2006	WUD 05-171	2409012
3	Southern Region WRF - Emergency Effluent Disposal Study	Approved	\$34,846	8/10/2005	WUD 05-172	2409001
4	Upgrade of Control Strategy for Pump Stations 5, 9N and 9S	Approved	\$49,963	8/24/2005	WUD 05-170	2409003
5	Gun Club Road Satellite Water Reclamation Facility Feasibility Study	Approved	\$139,863	9/27/2005	WUD 05-187	2409005
5.1	Second Pilot Unit	Approved	\$15,000	1/4/2006	WUD 05-187	2409005
6	TIMS IV Technology Upgrade Study	Approved	\$49,830	11/9/2005	WUD 05-090	2409006
6.1	TIMS IV Upgrade of Lift Stations RTUs	Approved	\$234,380	7/11/2006	WUD 05-090	2409013
7	SRWRF Predictive Failure & Recovery Study	Approved	\$49,880	3/16/2006	WUD 06-077	2409007
8	SRWRF EP Diesel Fuel Storage System	Approved	\$37,300	4/3/2006	WUD 06-076	2409008
9	SRWRF Short Term Odor Control Improvements	Approved	\$64,000	4/19/2006	WUD 06-091	2409009
9.1	SRWRF Comprehensive Odor Control Study	Approved	\$185,700	5/16/2006	WUD 06-091	2409010
10	SRWRF Capacity Survey & Conceptual Expansion Plan	Approved	\$99,200	4/27/2006	WUD 06-094	2409011
11	WW Lift Station Rehabilitation	Proposed	\$131,750	N/A	WUD 06-164(B)	2409014
TOTAL			\$1,358,899			

EXHIBIT C

AUTHORIZATION STATUS REPORT WASTEWATER AND TELEMTRY CONSULTING SERVICES

SUMMARY OF SMALL BUSINESS TRACKING SYSTEM

Item	Total Amount
Current Proposal	
Value of Authorization No. 11	\$131,750
Value of SBE Letters of Intent	\$47,037
Actual Percentage	35.70%
Signed Authorizations	
Total Value of Authorizations	\$1,227,149
Total Value of SBE Signed Subcontracts	\$477,878
Actual Percentage	38.94%
Signed Authorizations Plus Current Proposal	
Total Value of Authorizations	\$1,358,899
Total Value of Subcontracts and Letters of Intent	\$524,915
Actual Percentage	38.62%
GOAL	27.00%