

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	<u>\$219,061</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>\$219,061</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 W004 Object 6541

Reporting Category N/A

Is Item Included in Current Budget? Yes X No

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

One (1) time capital expenditure from user fees with balances brought forward.

C. Department Fiscal Review: Debra Mout

III. REVIEW COMMENTS

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

OFMB 2/13/15
70 > 2/12 2/13

Contract Development and Control 2/26/15

B. Legal Sufficiency:

Assistant County Attorney 2/26/15

C. Other Department Review:

Purchasing Department Director

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



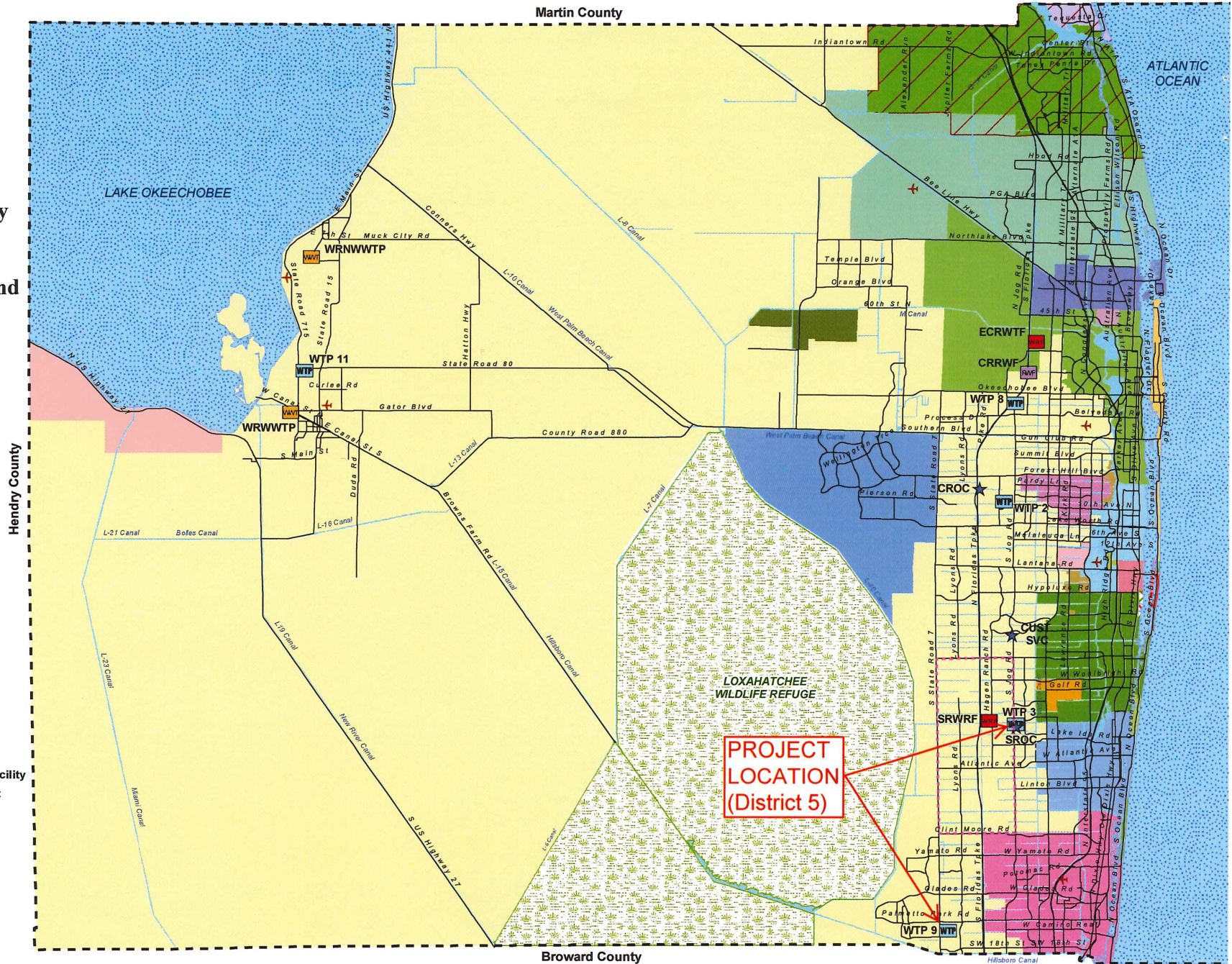
**Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities**

Attachment 1

- Legend**
- ★ Administration
 - WTP Water Treatment Plant
 - RMF Reclamation Facility
 - WWRWRF Wastewater Reclamation Facility
 - WWT Wastewater Treatment Plant
 - Mandatory Reclaimed SA
 - - - Palm Beach County Limits
 - Yellow P.B.C.W.U.D. Service Area



NOT TO SCALE



CONSULTANT SERVICES AUTHORIZATION NO. 3

Project Title WTP 3 & 9 Wells Replacement and Rehabilitation

Project No. WUD 13-080

Budget Line Item No. 4071-721-W004-6541

District No.: 5

THIS AUTHORIZATION No. 3 to the Contract for Consulting/Professional Services dated June 3, 2014 (R2014-0822), 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 95.00% SBE participation overall. This Consultant Services Authorization includes 95.89% overall participation. The cumulative SBE participation, including this authorization is 96.82% overall. Additional authorization will be utilized to meet or exceed the stated overall participation goal.

1. CONSULTANT: JLA Geosciences, Inc.
2. ADDRESS: 1931 Commerce Lane, Suite 3, Jupiter, Florida 33458
3. Description of Services to be provided by the Consultant:
This Consultant Services Authorization encompasses providing services related to providing hydrogeologic consulting services to assist the County in the reconstruction and modification of three (3) surficial aquifer production wells, 9W-10, 9W-12, 3W-2; abandonment of production well 3W-3; construction of one (1) new well 3W-3R; and electrical improvements of two (2) wells, 9W-11 and 9W-13.

See ATTACHMENT A.
4. Services completed by the Consultant to date (Summary and Status of Authorizations):

See ATTACHMENT E.
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 \$219,061.00
 - B. Fixed price of \$ N/A
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 13-080 Consultant Services Authorization No. 3

Project Title WTP 3 & 9 Wells Replacement and 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

Sharon R. Bock, Clerk & Comptroller,
Palm Beach County

Palm Beach County,
Board of County Commissioners

ATTEST:

Signed: _____

Signed: _____
Shelley Vana, Mayor

JCS

Typed Name: _____
Deputy Clerk

_____ Date

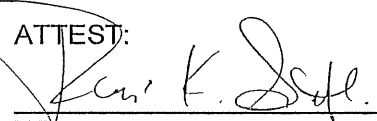
Approved as to Form and Legal
Sufficiency

Signed: _____

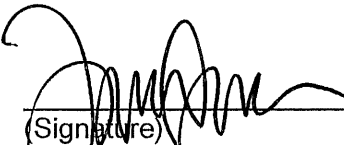
Typed Name: _____
County Attorney

CONSULTANT: _____

ATTEST:



Witness



(Signature)

Rani K. Smith, Hydrogeologist
(Name and Title)

JAMES ANDERSEN / President
(Name and Title)

12/15/2014
Date

LIST OF ATTACHMENTS

Project No. WUD 13-080 Consultant Services Authorization No. 3

Project Title WTP 3 & 9 Wells Replacement and Rehabilitation

ATTACHMENT - A	Scope of Work
ATTACHMENT - B	Budget Summary
ATTACHMENT - C	Project Schedule
ATTACHMENT - D	SBE Schedule 1 and Schedule 2
ATTACHMENT - E	Authorization Status Report - Summary and Status of Authorizations
ATTACHMENT - F	Authorization Status Report – Summary of SBE Tracking
ATTACHMENT - G	Location Map

ATTACHMENT A

CONSULTANT SERVICES AUTHORIZATION NO. 3

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT ENGINEERING/PROFESSIONAL SERVICES

SCOPE OF WORK FOR WTP 3 & 9 Wells Replacement and Rehabilitation

INTRODUCTION

Palm Beach County (COUNTY) entered into an agreement entitled Contract for Engineering/ Professional Services - Palm Beach County Utilities Department Project No. WUD 13-080 (CONTRACT) with JLA Geosciences, Inc. (CONSULTANT) to provide engineering services for various general activities on (Reference Document R2014-0822). This Consultant Service Authorization will be performed under that CONTRACT.

This Consultant Services Authorization encompasses providing services related to providing hydrogeologic consulting services to assist the County in the reconstruction and modification of three (3) surficial aquifer production wells, 9W-10, 9W-12, 3W-2; abandonment of production well 3W-3; construction of one (1) new well 3W-3R; and electrical improvements of two (2) wells, 9W-11 and 9W-13.

BACKGROUND

Palm Beach County Water Utilities Departments intends to reconstruct and modify three (3) surficial aquifer production wells, 9W-10, 9W-12, 3W-2; abandon production well 3W-3; construct one (1) new well 3W-3R; and implement electrical improvements of two (2) wells, 9W-11 and 9W-13 for the Water Treatment Plants 3 & 9. The Contract Documents (plans & specifications) for this work have been prepared by MWH. JLA Geosciences (CONSULTANT) will provide overall project management and professional hydrogeologic services under WUD Project No. 13-080. The contract time established in the project specifications is 300 days to substantial completion, and 30 additional days for project close-out and final completion. All Webbs Enterprises has been selected by the County to perform the construction aspects of this project.

The CONSULTANT will provide hydrogeologic consulting services to assist the County in the reconstruction and modification of three (3) surficial aquifer production wells, 9W-10, 9W-12, 3W-2; abandonment of production well 3W-3; construction of one (1) new well 3W-3R; and electrical improvements of two (2) wells, 9W-11 and 9W-13. The proposed budget is based on a 300-day construction schedule for the contractor to substantially complete the wells. The estimate of labor hours is based on the attached summary. 668 hours of field time is budgeted which will provide an estimated 50% of construction oversight; The COUNTY hydrogeologist will provide the balance of services above the JLA budgeted 668 hours.

SCOPE OF SERVICES

CONSULTANT shall perform the engineering Scope of Services as described herein.

TASK 1.0 WTP 3 & 9 Wells Construction Administration Services

- 1.1 Project management
- 1.2 Preconstruction meeting and Request for Information – The CONSULTANT and its sub-consultant, Hillers Electrical Engineering, shall attend one (1) preconstruction meeting and provide summarized preconstruction meeting minutes.
- 1.3 Requests for additional information (RFI) – The CONSULTANT shall provide up to four (4) requests for additional information (RFI) to the Contractor following the preconstruction meeting.
- 1.4 Progress meetings – The CONSULTANT shall prepare for and attend monthly progress meetings throughout the duration of the project (11 months) including summarized meeting minutes and agendas.
- 1.5 Contractor submittal review – The CONSULTANT shall review contractor submitted shop drawings and submittals (50 estimated).
- 1.6 Payment Application Review – The CONSULTANT shall review and provide recommendations for the acceptance of the contractor submitted payment applications (10 estimated).
- 1.7 Record Drawings – The CONSULTANT'S sub-consultant, Kimley-Horn and Associates, shall prepare, sign, and seal record drawings. Record drawings shall consist of the following:
 - o One Full Size (22" by 34") hard copy
 - o One Half Size (11" by 17") hard copy
 - o One PDF copy
 - o One electronic copy in AutoCAD 2011
- 1.8 Sieve Analysis – The CONSULTANT'S sub-consultant, Nutting Engineers of Florida, shall perform up to twelve (12) certified sieve analyses of gravel pack material including gravel pack gradation for wells at WTP 3 and 9.
- 1.9 Daily Work Reports – The CONSULTANT shall prepare daily work reports and submit to the COUNTY on a weekly basis during well field construction activities.

TASK 2.0 WTP 3 & 9 Construction Phase Services

- 2.1 9W-10 Construction oversight, development, testing – JLA hydrogeologist will be present on site only during critical phases of well construction including: pilot hole drilling, geophysical logging, casing installation and cement grouting, completion interval drilling, review and recommendation for screen slots sizes, screen and gravel pack installation, pumping and water quality testing. JLA will observe well development and provide partial observation in conjunction with PBC staff; observe step drawdown testing, which includes performing water level measurements, specific capacity analysis and water quality testing. This task will include providing geologist's lithologic logs of pilot holes; well construction field logs; water quality field data summaries; and copies of the geophysical logs provided by the Contractor. Digital photos will be taken of significant activities during well construction. 162 hours of field time is budgeted which will provide

an estimated 51% of construction oversight; The COUNTY hydrogeologist will provide the balance of services above the JLA budgeted 162 hours.

- 2.2 9W-12 Construction oversight, development, testing – JLA hydrogeologist will be present on site only during critical phases of well construction including: pilot hole drilling, geophysical logging, casing installation and cement grouting, completion interval drilling, review and recommendation for screen slots sizes, screen and gravel pack installation, pumping and water quality testing. JLA will observe well development and provide partial observation in conjunction with PBC staff; observe step drawdown testing, which includes performing water level measurements, specific capacity analysis and water quality testing. This task will include providing geologist's lithologic logs of pilot holes; well construction field logs; water quality field data summaries; and copies of the geophysical logs provided by the Contractor. Digital photos will be taken of significant activities during well construction. 162 hours of field time is budgeted which will provide an estimated 51% of construction oversight; The COUNTY hydrogeologist will provide the balance of services above the JLA budgeted 162 hours.
- 2.3 3W-2 Construction oversight, development, testing – JLA hydrogeologist will be present on site only during critical phases of well construction including: pilot hole drilling, geophysical logging, casing installation and cement grouting, completion interval drilling, screen and gravel pack installation, pumping and water quality testing. JLA will observe well development and provide partial observation in conjunction with PBC staff; observe step drawdown testing, which includes performing water level measurements, specific capacity analysis and water quality testing. This task will include providing geologist's lithologic logs of pilot holes; well construction field logs; water quality field data summaries; and copies of the geophysical logs provided by the Contractor. Digital photos will be taken of significant activities during well construction. 162 hours of field time is budgeted which will provide an estimated 51% of construction oversight; The COUNTY hydrogeologist will provide the balance of services above the JLA budgeted 162 hours.
- 2.4 3W-3R Construction oversight, development, testing – JLA hydrogeologist will be present on site only during critical phases of well construction including: pilot hole drilling, geophysical logging, casing installation and cement grouting, completion interval drilling, screen and gravel pack installation, pumping and water quality testing. JLA will observe well development and provide partial observation in conjunction with PBC staff; observe step drawdown testing, which includes performing water level measurements, specific capacity analysis and water quality testing. This task will include providing geologist's lithologic logs of pilot holes; well construction field logs; water quality field data summaries; and copies of the geophysical logs provided by the Contractor. Digital photos will be taken of significant activities during well construction. 162 hours of field time is budgeted which will provide an estimated 51% of construction oversight; The COUNTY hydrogeologist will provide the balance of services above the JLA budgeted 162 hours.
- 2.5 3W-3 Well abandonment oversight – JLA hydrogeologist will observe well abandonment and provide up to 20 hours of field oversight. The COUNTY hydrogeologist will provide the balance of services above the JLA budgeted 20 hours to complete well abandonment.
- 2.6 9W-11, 9W-13 Electrical improvements – The CONSULTANT shall provide coordination and management of electrical improvements and direction for sub-contractor oversight.

TASK 3.0 Well Construction and Testing Report

Rev. 12-09-14

- 3.1 Well Construction and Testing Report – The CONSULTANT shall prepare a well completion report summarizing well construction details and methods including: lithologic logs and complete geologic interpretations; review well construction field logs and compile summary; complete analysis of all hydrologic and water quality field data; geophysical log analysis, summarize pumping test methods and results, and recommendations for well pumping rates and wellfield operations. Three (3) draft copies of the report shall be submitted to the COUNTY for review. Following incorporation of COUNTY comments, five (5) final copies shall be submitted to the COUNTY, including one (1) electronic PDF copy.

COMPENSATION

The County shall pay CONSULTANT on time charges for providing the services described in this scope of work not to exceed \$219,061.00 in accordance with Attachment B. Such fee shall be invoiced and paid for under the terms of the CONTRACT on a Time Charges/Not to Exceed Method of Payment. Once such amount is reached, CONSULTANT shall have no further obligation to perform Work.

SBE PARTICIPATION

SBE participation is included in the **ATTACHMENT F** under this authorization. The attached Schedule 1 defines the SBE applied to this CSA/Contract and Schedule 2 establishes the SBE contribution from each subcontractor (Letter of Intend to perform as an SBE).

ATTACHMENT - B

BUDGET SUMMARY

Task Number	Task Description	Labor Classification and Hourly Rate											Sub Consultant Services	TASK TOTAL			
		Prin. Hydro	Prof. Geol	Senior Hydro II	Senior Hydro I	Geol / Hydro II	Geol / Hydro I	Geol Tech	Admin	Total Labor	Mileage (\$0.55/mi)	ODC					
1.0	WTP 3 & 9 Construction Administration Services																
1.1	Project Management	94							14								
1.2	Preconstruction meeting (1 estimated), including meeting minutes, agenda.	6							6			\$ 29.12					
1.3	Address Contractor Requests for Information (RFIs) (up to four)	6							10			\$ 291.20					
1.4	Prepare and attend monthly progress meetings (11 month duration estimated)	44		20													
1.5	Contractor submittal review (50 estimated)	12		40													
1.6	Payment Application Review (10 estimated)	24		20													
1.7	Record Drawings	10															
	<i>Sub-contractor - Kimley Horn and Associates</i>															\$ 9,000.00	
1.8	Sieve Analysis (up to 12)	8															
	<i>Sub-contractor (Nutting Engineering)</i>															\$ 1,365.00	
1.9	Daily Work Report	6				20											
	Subtotal Task 1	210	0	80	0	20	0	0	30	340	\$ 320.32	\$ -	\$ 10,365.00	\$ 59,935.32			
2.0	WTP 3 & 9 Construction Phase Services																
2.1	9W-10 Construction oversight, development, testing	8		16		162						\$ 1,052.80	\$ 375.00				
2.2	9W-12 Construction oversight, development, testing	8		16		162						\$ 1,052.80	\$ 375.00				
2.3	3W-2 Construction oversight, development, testing	8		16		162						\$ 896.00	\$ 375.00				
2.4	3W-3R Construction oversight, development, testing	8		16		162						\$ 896.00	\$ 375.00				
2.5	3W-3 Well abandonment oversight	2		4		20						\$ 89.60					
2.6	9W-11, 9W-13 Electrical improvements, coordination with sub-contractor	16							24			\$ 158.48					
	<i>Sub-contractor - Hillers engineering</i>															\$ 57,000.00	
	Subtotal Task 2	50	0	68	0	668	0	0	24	810	\$ 4,145.68	\$ 1,500.00	\$ 57,000.00	\$ 148,315.68			
3.0	Well Construction and Testing Report																
3.1	Prepare Summary Report, including Lithologic Log Prep, Data, data analysis, figures, summaries and recommendations	10		16		68							\$ 200.00				
	Subtotal Task 3	10	0	16	0	68	0	0	0	94	\$ -	\$ 200.00	\$ -	\$ 10,810.00			
	TOTAL TASKS 1, 2 & 3	270	0	164	0	756	0	0	54	1244	\$ 4,466.00	\$ 1,700.00	\$ 67,365.00	\$ 219,061.00			
	Labor Subtotal Hours	270	0	164	0	756	0	0	54								
	Labor Hourly Billing Rates	\$ 165.00	\$ 150.00	\$ 135.00	\$ 120.00	\$ 100.00	\$ 80.00	\$ 60.00	\$ 60.00								
	Labor Raw Costs	\$ 58.93	\$ 53.57	\$ 48.21	\$ 42.86	\$ 35.71	\$ 28.57	\$ 21.43	\$ 21.43								
	Labor Multiplier	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8								
	Labor SubTotal	\$ 44,550.00	\$ -	\$ 22,140.00	\$ -	\$ 75,600.00	\$ -	\$ -	\$ 3,240.00								
	Labor Total																\$145,530.00
	Mileage/ODC																\$6,166.00
	Subconsultant Total																\$67,365.00
	Project Total																\$219,061.00

ATTACHMENT - B (Additional Information)

Hour breakdown and delegation of construction oversight

WELL CONSTRUCTION TASK	3W-2	3W-3R	9W-10	9W-12	3W-3	NOTES
	HOURS	HOURS	HOURS	HOURS	HOURS	
Site mobilization oversight	PBC	PBC	PBC	PBC	--	
6-inch pilot hole drilling	20	20	20	20	--	PBC assistance with pilot hole set up/drilling
Abandonment of pilot hole	PBC	PBC	PBC	PBC	--	
Drill borehole, install, grout surface casing	16	16	16	16	--	PBC assistance with grouting observation
Drill borehole from base of surface casing	16	16	16	16	--	
Geophysical logging (caliper)	PBC	PBC	PBC	PBC	--	
Final casing installation and grout	16	16	16	16	--	PBC assistance with grouting observation
Set up for Reverse Air drilling	PBC	PBC	PBC	PBC	--	
Reverse air drilling to total depth	8	8	8	8	--	
Geophysical Logging	8	8	8	8	--	
Screen installation with riser	8	8	8	8	--	
Gravel installation	PBC	PBC	PBC	PBC	--	
Alignment Test	PBC	PBC	PBC	PBC	--	
Jetting, Airlift development	24	24	24	24	--	PBC assistance with development oversight
Pump development	24	24	24	24	--	PBC assistance with development oversight
Step Drawdown Test	8	8	8	8	--	
Constant Rate Test	8	8	8	8	--	
Final Well Video	6	6	6	6	--	
Well Disinfection	PBC	PBC	PBC	PBC	--	
Wellhead and piping	PBC	PBC	PBC	PBC	--	
Site Restoration and review	PBC	PBC	PBC	PBC	--	
Well abandonment	--	--	--	--	20	PBC assistance with abandonment oversight
TOTAL ESTIMATED HOURS BY JLA	162	162	162	162	20	
<i>Total estimated hours for well construction (each)</i>	<i>330</i>					
<i>Budgeted JLA oversight</i>	<i>51%</i>					

ATTACHMENT - C

PROJECT SCHEDULE

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

Engineering Services

Completion Date

From Notice to
Proceed

Hydrogeologic services for
substantial construction phase services

300 days

ATTACHMENT D

SCHEDULE #1

LIST OF PROPOSED SBE-M/WBE PRIME/SUBCONSULTANTS

PROJECT NAME: WTP 3 & 9 Wells Replacement and Rehabilitation PROJECT NUMBER: 13-080
 NAME OF PRIME BIDDER: JLA Geosciences, Inc ADDRESS: 1931 Commerce Lane, Suite 3, Jupiter Florida 33458
 CONTACT PERSON: James L. Andersen, P.G. PHONE NO. 561 746-0228 FAX NO. 561 746-0119
 BID OPENING DATE: _____ DEPARTMENT Water Utilities Department

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES

Name, Address and Telephone Number of Minority Consultant	(Check one or both Categories)		Dollar Amount				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
JLA Geosciences, Inc 1931 Commerce Ln, Ste 3, Jupiter FL 33458 (561) 746-0228	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$	\$	\$ 151,696.00	\$
Hillers Electrical Engineering, Inc. 23257 SR 7, Ste 100, Boca Raton, FL 33428 (561) 451-9165	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$ 57,000.00	\$	\$	\$
Nutting Engineers of Florida 1310 Neptune Drive Boynton Beach, FL 33426 561.736.4900	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$	\$	\$ 1,365.00	\$
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$
PRIME CONSULTANT TO COMPLETE:	TOTAL		\$	\$ 57,000.00	\$	\$ 153,061.00	\$
BID PRICE: <u>\$219,061.00</u>			Total Value of SBE Participation: <u>\$ 210,061.00</u>				

- NOTE:
- The amount listed on this form for a Subconsultant must be supported by price or percentage included on Schedule 2 or a proposal from each Subconsultant listed in order to be counted toward goal attainment.
 - 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.
 - M/WBE information is being collected for tracking purposes only.

ATTACHMENT D

SCHEDULE 2

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

PROJECT NO. 13-080 PROJECT NAME: WTP 3 & 9 Wells Replacement and Rehabilitation

TO: JLA Geosciences, Inc.

(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 _____

Black _____ Hispanic _____ 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>1.0</u>	<u>WTP 3 & 9 Cons Admin Svs</u>	<u>1 L.S</u>	<u>\$49,570.32</u>	<u>\$49,570.32</u>
<u>2.0</u>	<u>WTP 3 & 9 Cons Phase Svs</u>	<u>1 L.S</u>	<u>\$91,315.68</u>	<u>\$91,315.68</u>
<u>3.0</u>	<u>Well Cons & Testing Report</u>	<u>1 L.S</u>	<u>\$10,810.00</u>	<u>\$10,810.00</u>

WTP 3 & 9 Well Replacement and Rehabilitation

at the following price

\$ 151,696.00

(Subconsultant'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 subconsultant, 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

JLA Geosciences, Inc.
(Print Name of SBE/M/WBE Subconsultant)

By 
(Signature)

James L. Andersen, President
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: 12/15/2014

ATTACHMENT D

SCHEDULE 2

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

PROJECT NO. 13-080 PROJECT NAME: WTP 3 & 9 Wells Replacement and Rehabilitation

TO: JLA Geosciences, Inc.
(Name of Prime Bidder)

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

Small Business Enterprise X Minority Business Enterprise _____

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

Date of Palm Beach County Certification: October 17, 2012

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> 2.0 </u>	<u> WTP 3 & 9 Cns Phase Svcs </u>	<u> 1 / L.S. </u>	<u> \$57,000.00 </u>	<u> \$57,000.00 </u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

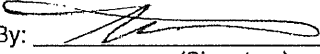
WTP 3 & 9 Construction Phase Services- Electrical Engineering

at the following price
\$ 57,000.00
(Subconsultant'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 subconsultant, 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, Inc.
(Print Name of SBE-M/WBE Subconsultant)

By: 
(Signature)

 Tam Duran, VP
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: 12/10/14

ATTACHMENT D

SCHEDULE 2

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

PROJECT NO. WUD 13-080 PROJECT NAME: WTP 3 & 9 Wells Replacement and Rehabilitation

TO: JLA Geosciences, Inc.
(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

Black Hispanic Women Caucasian Other (Please Specify) _____

Date of Palm Beach County Certification: September 30, 2014 to September 29, 2017

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>1.0</u>	<u>WTP 3 & 9 Cns Phase Svs</u>	<u>1 / L.S.</u>	<u>\$1,365.00</u>	<u>\$1,365.00</u>

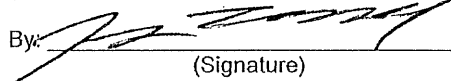
WTP 3 & 9 Construction Phase Services-Sieve Analysis (Up to 12)

at the following price
\$ 1,365.00
(Subconsultant'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 subconsultant, 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

Nutting Engineers of Florida, Inc.
(Print Name of SBE-M/WBE Subconsultant)

By: 
(Signature)

James Lendl, Operations Manager
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: December 12, 2014

ATTACHMENT - E

AUTHORIZATION STATUS REPORT

SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project			Date Approved	WUD No. Assigned	Consultant's Project No.
			Total Amount	SBE Total Amount	SBE Participation %			
1	Miscellaneous Hydrogeology & Water Resources Services	Approved	\$39,980	\$39,980	100.00%	7/18/2014	14-076	TBD
2	Lake Region Wellfield Water Quality Evaluation	Approved	\$24,810	\$24,810	100.00%	7/18/2014	14-077	TBD
3	WTP 3 & 9 Well Replacement and Rehabilitation	Pending	\$219,061	\$210,061	95.89%		13-080	TBD
Total			\$283,851					

ATTACHMENT - F

AUTHORIZATION STATUS REPORT

SUMMARY OF SBE / MINORITY BUSINESS TRACKING

	Total	SBE
Current Proposal		
Value of Authorization No. 3	\$219,061	
Value of SBE Letters of Intent	\$210,061	\$210,061
Actual Percentage	95.89%	95.89%
Signed/Approved Authorizations		
Total Value of Authorizations	\$64,790	
Total Value of SBE Signed Subcontracts	\$64,790	\$64,790
Actual Percentage	100.00%	100.00%
Signed/Approved Authorizations Plus Current Proposal		
Total Value of Authorizations	\$283,851	
Total Value of Subcontracts & Letters of Intent	\$274,851	\$274,851
Actual Percentage	96.82%	96.82%
GOAL	81.00%	81.00%

ATTACHMENT G



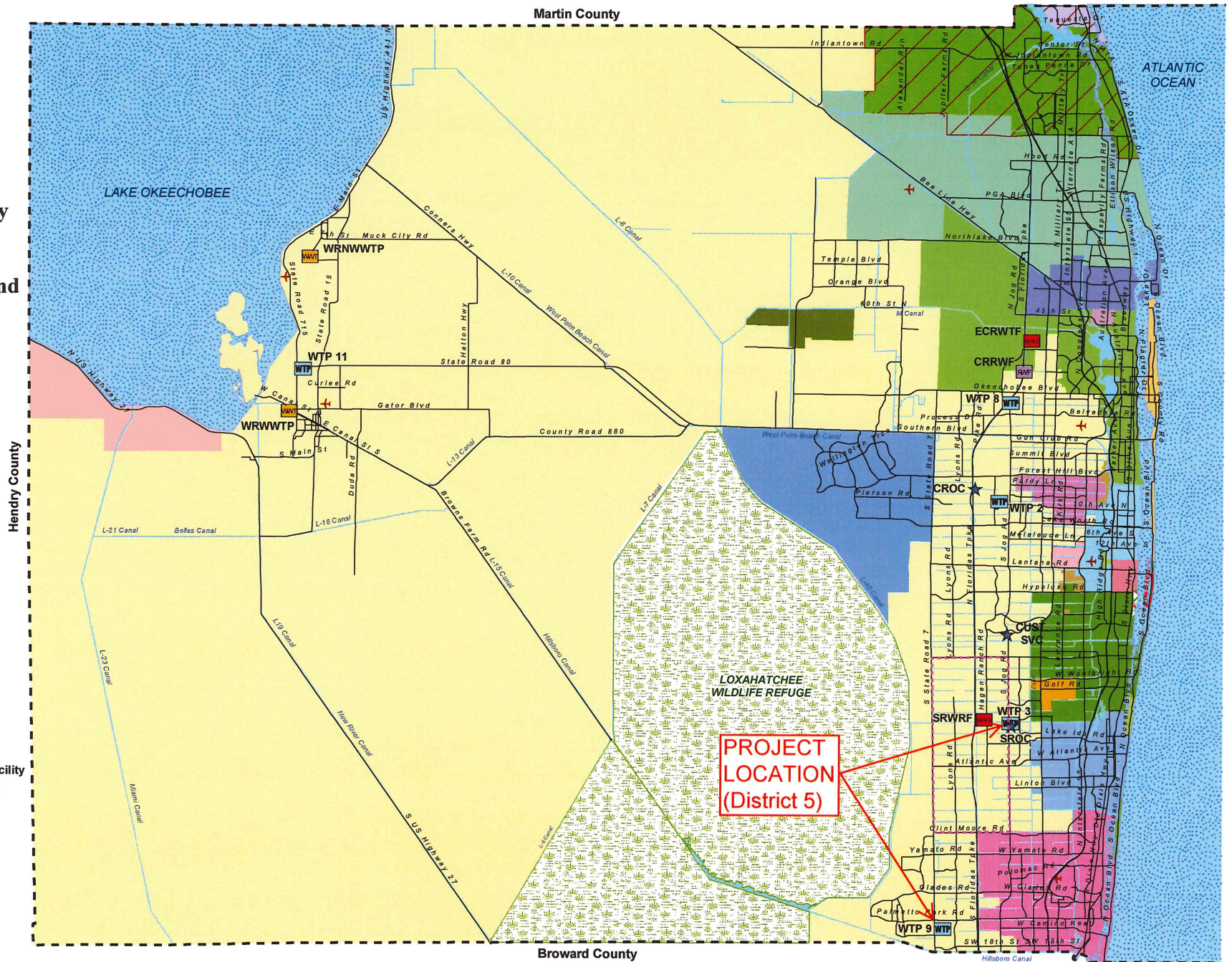
Palm Beach County Water Utilities Department Service Area (SA) and Major Facilities

Legend

- ★ Administration
- WTP Water Treatment Plant
- RRF Reclamation Facility
- WWRW Wastewater Reclamation Facility
- WWTW Wastewater Treatment Plant
- Mandatory Reclaimed SA
- - - Palm Beach County Limits
- Yellow P.B.C.W.U.D. Service Area



NOT TO SCALE





HILLERS ELECTRICAL ENGINEERING, INC.

November 11, 2014

Jim Andersen, P.G.
JLA Geosciences, Inc.
1931 Commerce Lane, Suite 3
Jupiter, FL 33458

Subject: PBCWU Water Treatment Plant 3 & 9 Wells Rehabilitation Construction Services and Programming

Dear Jim:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide JLA Geosciences, Inc. (JLA) a proposal for the construction services and programming services associated with the above referenced project. The scope of services is as follows:

CONSTRUCTION SERVICES:

- Coordination with FPL
- Coordination with County staff
- Attend pre-construction meeting
- Review all shop drawings including electrical, instrumentation and all mechanical equipment with electrical and/or instrumentation interface.
- Reply to "Request for Information" by the contractor
- Make minor plan modifications where required
- Perform routine site inspections
- Attend monthly construction meetings when requested
- Substantial and final punch list preparation
- Provide PDF and CAD "As-Built" drawings

PLC PROGRAMMING:

- Provide PLC programming for four (4) new wells including flow, level, pressure and speed control of VFD's.
- Coordination of HMI screens and tags with PBCWUD SCADA group.
- Provide PLC program documentation and training as requested by Plant staff.

Our proposed construction services and programming fee is \$57,000. If you have any questions, please do not hesitate to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Hillers', written over a horizontal line.

Paul Hillers
JL02

Task Number	Task Description	Project Manager	Project Engineer	Engineer	Construction Coordinator	Secretarial	Total Labor	Sub Consultant Services
1	Construction Services	24	160		106	3	293	
	PLC Programming	16	80		42		138	
	Subtotal Task 1	40	240		148	3	\$56,955.60	
							0	
							0	
						0		
	Labor Subtotal Hours	40	240	0	148	3	431	
	Labor Raw Costs	\$74	\$54	\$40	\$40	\$22		
	Labor Multiplier	2.6	2.6	2.6	2.6	2.6		1.1
	Labor SubTotal	\$ -	\$ -	\$ -	\$ -	\$ -		
	Labor Total	\$ 7,696.00	\$ 33,696.00	\$ -	\$ 15,392.00	\$ 171.60	\$ 56,955.60	
	Reproduction Fees - Record Drawings						\$ 44.40	
	Subconsultant Labor Total							
	Subconsultant Multiplier							
	Subcontract Total							
	Project Total						\$ 57,000.00	

December 12, 2014

Jim Andersen, P.G.
JLA Geosciences, Inc.
1931 Commerce Lane Suite 3
Jupiter, FL 33458

Re: Palm Beach County Water Utilities Department WUD13-080
Water Treatment Plants 3 & 9 Wells Replacement and Rehabilitation

Dear Jim:

We are pleased to present this proposal to provide signed and sealed record drawings for the above reference project. The following scope consists of assisting JLA Geosciences with these projects.

SCOPE OF SERVICES

TASK 1 – RECORD DRAWINGS

Consultant will prepare up to 20 signed and sealed sheets of record drawings based on the Contractor's provided red-lined "As Builts". All record drawings shall be provided to JLA in the following formats:

- One (1) full size set (22" by 34") hard copy
- One (1) half size set (11" by 17") hard copy
- One PDF copy
- One electronic copy in AutoCAD 2011 format

SCHEDULE

Consultant will complete these tasks in a timely manner and mutually agreed upon schedule.

FEES

Consultant will provide these services on a lump sum basis in accordance with our Consultant agreement.

<u>TASK 1 – RECORD DRAWINGS</u>	\$ 9,000
Total	\$9,000

ADDITIONAL SERVICES

The following services can be provided as additional services under separate future task order:

- Additional design effort beyond what is described herein.
- Additional design drawings and details not listed herein.
- Attend additional meetings.

We appreciate the opportunity to provide these services to you. Please contact me if you have any questions.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC,



Mark D. Miller, P.E.

Vice President



Geotechnical & Construction Materials
Engineering, Testing, & Inspection
Environmental Services

Offices throughout the state of Florida

www.nuttingengineers.com info@nuttingengineers.com

December 12, 2014

Ms. Rani K. Smith
JLA Geosciences, Inc.
1931 Commerce Lane Suite 3
Jupiter, Florida 33458

Phone: 561.746.0228 ext. 106/ Fax: 561.746.0119/ Email: rsmith@jlageosciences.com

*Palm Beach County SBE
Miami Dade County Tier 2 CBE
SFWMD SBE
Small Business Administration
SBE for Federal Projects*

RE: Proposal/Agreement for Performing Sieve Analysis Services
Project No. WUD 13-080
Water Treatment Plants No. 3 and 9
Wells Replacement and Rehabilitation
Palm Beach County, Florida

Dear Ms. Smith:

Submitted herein is Nutting Engineers of Florida, Inc.'s (NE) proposal/agreement for performing sieve analysis services for the referenced project.

The proposed project consists of performing twelve (12) certified sieve analyses of gravel pack material including gravel pack gradation for the wells replacement and rehabilitation at WTP 3 and 9.

Based on our general understanding of the proposed we have estimated approximate quantities and costs for the above referenced services as indicated below in the scope of work and fee schedule. Construction plans were not available at the time of this proposal.

Scope of Work and Fee Schedule:

Sieve analysis of gravel pack materials including wash 12 tests x \$100.00/test	\$1,200.00
Professional engineer for overview, consultation and reporting 1 hour x \$125.00/hour	\$125.00
Clerical/administration for preparation and disbursement of reports/mailing 1 hour x \$40.00/hour	<u>\$40.00</u>
Estimated cost of sieve analysis services:	\$1,365.00

Note that we can provide other tests and inspections that may be required including floor leveling, roof fastener pull out tests, roof tile pull up tests, railings, interior sheet rock, vibration monitoring with seismograph, pre and post-construction condition surveys, Windsor probes, concrete coring and other services and will provide a quote as may be needed.

1310 NEPTUNE DRIVE • BOYNTON BEACH, FLORIDA 33426 • 561-736-4900 • FAX 561-737-9975
Treasure Coast 772-408-1050 • Broward 954-941-8700 • Miami Dade 305-824-0060

The above items and costs are estimated based on our general understanding of the project. The final cost will be based on actual project scheduling and other issues beyond our control, and could be more or less than indicated. **You will be charged only for tests and inspections performed.** For time over eight hours on a normal work week day, or any time on weekends and holidays, the unit rates will be increased by 1.50. Note that NE is not responsible for means and methods of construction or project site safety, which are the responsibility of the general contractor.

NE has been offering engineering, testing and inspection services for 47 years in South Florida and the Treasure Coast, during which time we have worked on **many similar projects**. Our commitment to practical, cost-effective solutions supported by responsive client service distinguishes the firm and enables us to solve your most demanding technical challenges. One of the key constituents for NE success is our staff of approximately 40 experienced professionals including engineering, geology, environmental and field personnel that are registered/certified and have been trained to provide a wide range of testing and inspection services and our administrative staff.

We carry one million dollar professional and one million dollar general liability insurances.

The NE team would welcome the opportunity to provide the laboratory testing services for you on this project. We are available to meet with you to further discuss project requirements. If you have any questions, please do not hesitate to contact us.

Respectfully Submitted,
NUTTING ENGINEERS OF FLORIDA, INC.



James Lendl
Operations Manager

Reports and invoices will be addressed to the client as listed below unless other instructions are provided in writing with this executed proposal. The undersigned, as an authorized representative of the entity listed below, approves this proposal and agrees to be bound by the terms and conditions contained in this proposal. Deposit amounts are collected at time of written authorization to proceed. If you are a first time client, we request that the balance due for these services be paid at the time of report completion. Once your account is established, our terms are net 30 days. Any invoices over 30 days will be assessed a 1 1/2 percent service charge per month until paid in full.

PLEASE ENTER INFORMATION LEGIBLY BELOW SO IT CAN BE UTILIZED FOR PROJECT SET-UP:

SIGNATURE: _____ DATE: _____

PRINT NAME: _____ TITLE: _____

COMPANY NAME: _____

ADDRESS: _____

PHONE: _____ FAX: _____

EMAIL: _____

WTP No. 3 and 9 Wells Replacement and Rehabilitation WUD 13-080 (JLA Geosciences, Inc.) CMT, 12-12-14

General Terms and Conditions

For the purpose of this project, the addressee of this proposal will be known as the Client. The client is expected to furnish NUTTING ENGINEERS OF FLORIDA, INC. ("NE"), with accurate information including sketch of survey and/or site plan, construction drawings/specifications as appropriate, details of proposed construction including the proposed structural system and loads or existing construction problem information and site accessibility information as appropriate. Other information requirements may be detailed in the enclosed proposal. IF ANY CONDITIONS CHANGE such as building layout, loading, project specifications/design, or unusual site conditions are observed, NE should be notified immediately in writing about the changed condition for possible review and comment.

Delivery - Scheduled upon receipt of written authorization to proceed and deposit unless other arrangements are agreed to in writing. Additional report copies can be provided for a nominal fee to the Client. NE will exercise appropriate measures to ensure project completion within a reasonable time frame subject to existing workloads. However, NE will not be held responsible for unavailability of necessary project data and site access within the time frame agreed upon for the investigation. Project delivery may be delayed if the ENTIRE signed proposal and deposit are not received in a timely manner. The ENTIRE signed quotation should be returned along with the requested project information. This unsigned proposal is valid for 60 days.

Payment - No deposit required with signed agreement. Directing NE to proceed with the work shall constitute acceptance of the terms of NE's proposal and these General Terms and Conditions. Balance due upon delivery of report. Interest at the rate of 18% per annum or the highest rate allowable by law whichever is less, will be added to all amounts not paid within 30 days after date of invoice. All attorney fees and expenses associated with collection of past due invoices will be paid by Client.

Insurance - NE maintains Workers' Compensation and Employer's Liability Insurance in conformance with state law. In addition, we maintain Comprehensive General Liability Insurance and Automobile Liability Insurance with bodily injury limits of \$1,000,000.00 and property damage limits of \$1,000,000.00. A certificate of insurance can be supplied evidencing such coverage which contains a clause providing that fifteen days written notice be given prior to cancellation.

Right-of-Entry - Unless otherwise agreed, Client will furnish right-of-entry on the property for NE to make the planned borings, surveys, and/or explorations. NE will not be responsible for removing fences, earth berms, vegetation or other obstructions for purposes of our investigation. NE will take reasonable precautions to minimize damage to the property caused by its equipment and sampling procedures, but the cost of restoration or damage which may result from the planned operations is not included in the contracted amount. If Client desires to restore the property to its former condition, NE will accomplish this and add the cost to its fee. Client agrees to waive all claims arising from or related to the failure to provide NE with proper access to conduct its work.

Damage to Existing Man-made Objects - It shall be the responsibility of the Owner or his duly authorized representative to disclose the presence and accurate location of all hidden or obscure man-made objects relative to routes of access, field tests, sampling, or boring locations. When cautioned, advised or given data in writing that reveal the presence or potential presence of underground or over-ground obstructions, such as utilities, septic tanks, etc., NE will give special instructions to its field personnel. In addition, Client waives any claim against NE arising from damage to existing man-made objects.

Warranty and Limitation of Liability - NE shall perform services for Client in a professional manner, using that degree of care and skill ordinarily exercised by and consistent with the standards of competent consultants practicing in the same or a similar locality as the project. In the event any portion of the services fails to comply with this warranty obligation and NE is promptly notified in writing prior to one year after completion of such portion of the services, NE will re-perform such portion of the services, or if re-performance is impracticable, NE will refund the amount of compensation paid to NE for such portion of the services. This warranty is in lieu of all other warranties. No other warranty, expressed or implied, including warranties of merchantability and fitness for a particular purpose is made or intended by the proposal for consulting services, by furnishing an oral response of the findings made or by any representations made regarding the services included in this agreement. In no event shall NE or any of its professional employees be liable for any special, indirect, incidental or consequential loss or damages, including but not limited to impact and delay claims. The remedies set forth herein are exclusive and the total liability of consultant whether in contract, tort (including negligence whether sole or concurrent), or otherwise arising out of, connected with or resulting from the services provided pursuant to this Agreement shall not exceed the total fees paid by Client or \$50,000.00, whichever is greater. At additional cost, Client may obtain a higher limit prior to commencement of services.

PURSUANT TO §558.0035, FLORIDA STATUTES, NE'S INDIVIDUAL EMPLOYEES AND/OR AGENTS MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM THEIR SERVICES PROVIDED PURSUANT TO THIS AGREEMENT.

Indemnification - Client agrees to defend, indemnify and save harmless NE from all claims, including negligence claims, suits, losses, personal injuries, death and property liability resulting from NE's performance of the proposed work, whether such claims or damages are caused in part by NE, and agrees to reimburse NE for expenses in connection with any such claims or suits, including reasonable attorney's fees. Client's obligation to indemnify is limited to \$2 million per occurrence, which Client agrees bears a reasonable commercial relationship to the Work undertaken by NE. Client further agrees that these general conditions are a part of the Work's specifications or bid documents, if any.

Sampling or Testing Location - Unless specifically stated to the contrary, the unit fees included in this proposal do not include costs associated with professional land surveying of the site or the accurate horizontal and vertical locations of tests. Field tests or boring locations described in our report or shown on our sketches are based on specific information furnished to us by others and/or estimates made in the field by our technicians. Such dimensions, depths or elevations should be considered as approximations unless otherwise stated in the report. It is understood that all drilling locations are accessible to conventional truck mounted drilling equipment unless otherwise specified by the client. If unscheduled remobilizations or use of portable or all terrain equipment is required additional charges will apply. NE will attempt to clear utilities at our excavation/test locations by manual drilling to 3' below land surface (BLS). Any utilities/obstructions present at client specified test locations or below 3' BLS will be the responsibility of the client.

Sample Handling and Retention - Generally soil test samples are retained for approximately three months after which time they will be discarded unless written instructions to the contrary are received from the client.

Legal Jurisdiction - The parties agree that any actions brought to enforce any provision of this Agreement shall only be brought in a court of competent jurisdiction located in Palm Beach County, Florida. Any and all causes of action arising out of NE's performance of the Work, including but not limited to claims for indemnity, contribution and equitable subrogation, shall be deemed to have accrued and the applicable statutes of limitations shall commence to run not later than the date of NE's last invoice for the Work performed hereunder.

Force Majeure - NE shall not be held responsible for any delay or failure in performance of any part of this Agreement to the extent such delay or failure is caused by fire, flood, explosion, war, strike, embargo, government requirement, civil or military authority, acts of God, act or omission of subcontractors, carriers, client or other similar causes beyond its control.

Documents - NE shall be entitled to rely upon the accuracy and completeness of all surveys, reports and information furnished by the client. If conditions different from those described in our report are found at the site, NE should be notified in writing immediately upon discovery. NE reserves the right to revise conclusions and recommendations presented in the final report should additional information regarding the project become available. All permits will be obtained by others unless otherwise specified in this proposal or in writing to NE. NE has no liability for consequences of information not provided or unavailable or otherwise not reviewed or known from the normal sources customarily examined by NE in such investigations within the time frame allowed for this investigation under this agreement. The client, entities identified in writing on the address portion of our report, design team professionals engaged by our client and building official staff are entitled to use and rely upon NE's reports for purposes of the current project. Other parties are not authorized to use or rely upon NE's reports unless NE so states in writing.

NE - General Contract Terms and Conditions Sept 2013

*Project No. WUD 13-080
Water Treatment Plants No. 3 and 9
Wells Replacement and Rehabilitation
Palm Beach County, Florida
Page 4 of 4*

cc: Richard C. Wohlfarth, P.E. – Director of Engineering, Kristina Berryman – Business Development Manager
James Lendl – CMT Department Manager
WTP No. 3 and 9 Wells Replacement and Rehabilitation WUD 13-080 (ILA Geosciences, Inc.) CMT, 12-12-14

1310 NEPTUNE DRIVE · BOYNTON BEACH, FLORIDA 33426 · 561-736-4900 · FAX 561-737-9975
Treasure Coast 772-408-1050 · Broward 954-941-8700 · Miami Dade 305-824-0060

**Palm Beach County
Office of Small Business Assistance**

Certifies That

Nutting Engineers of Florida, Inc.

Vendor # VC0000131219

is a Small Business Enterprise as prescribed by section 2-80.21 – 2-80.35 of the Palm Beach County Code for a three year period from September 30, 2014 to September 29, 2017

The following Services and/or Products are covered under this certification:

**Engineer Services, Professional
Environmental Consulting
Geotechnical Engineering
Inspecting, Structural/Engineering
Quality Control Testing Services for Construction**

Palm Beach County Board of County Commissioners

Priscilla A. Taylor, Mayor
Paulette Burdick, Vice Mayor
Hal R. Valeche
Shelley Vana
Steven L. Abrams
Mary Lou Berger
Jess R. Santamaria

County Administrator

Robert Weisman

Deputy County Administrator

Verdenia C. Baker



A handwritten signature in blue ink that reads "Allen F. Gray".

Allen F. Gray, Manager

09/23/2014