

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date:	October 8, 2019	Consent <input checked="" type="checkbox"/> [X] Public Hearing <input type="checkbox"/> []	Regular <input type="checkbox"/> []
Department:	Water Utilities Department		

I. EXECUTIVE BRIEF


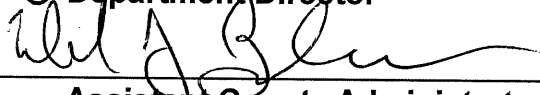
Motion and Title: Staff recommends motion to approve: Work Task Order No. 1 for the System-Wide Wellfield Improvements Hydrogeologic, Engineering Design and Construction Services (Project) with JLA Geosciences, Inc., (JLA) for a not to exceed amount of \$608,506.58.

Summary: On December 6, 2016, the Board of County Commissioners (BCC) approved the Water Utilities Department (WUD) Consulting/Professional Services System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services (Contract) (R2016-1776) with JLA to provide engineering services during design, permitting, bidding and construction phase services for the Project. Work Task Order No. 1 includes additional construction phase services necessary to support WUD in successfully completing the construction of the Project. The additional construction phase services include additional progress meetings, construction oversight, vibration monitoring, submittal reviews and responses to requests for information (RFIs). The Contract was procured under the requirements of the 2002 Small Business Enterprise (SBE) Ordinance (R2002-0064) prior to the adoption of the new Equal Business Opportunity Ordinance on October 16, 2018. The SBE participation goal established under the 2002 Ordinance was 15% overall participation. The Contract provides for a 70.32% SBE participation. Work Task Order No. 1 includes 60.20% SBE participation. The cumulative SBE participation, including Work Task Order No. 1, is 68.71%. JLA is a Palm Beach County company. The Project is included in the WUD FY20 budget. (WUD Project No. 16-017) Districts 2 & 5 (MJ)

Background and Justification: On December 6, 2016, the BCC approved a contract with JLA for professional engineering services including design, permitting, bidding and construction phase services for the Project. Then, on December 5, 2017, the BCC approved construction of Phase 1 of the Project with Florida Design Drilling Corporation (R2017-1820) and on July 10, 2018, the BCC approved construction of Phase 2 of the Project with All Webbs Enterprises, Inc. (R2018-1017). Through the execution of the construction phase of the Project, it has become clear that additional meetings, construction oversight, vibration monitoring, submittal reviews and responses to RFIs are required to successfully complete the Project. Work Task Order No. 1 includes an additional 45 progress meetings, 24 submittal reviews, 45 pay application reviews and 45 responses to RFIs. The Project will restore production well capacity, increase pump efficiency and reduce energy consumption at Water Treatment Plant Nos. 2, 3, 8 and 9.

Attachments:

- 1. Four (4) Originals of Work Task Order No.1
- 2. Location Maps
- 3. Certificate of Liability Insurance

Recommended By:		9-18-19
	Department Director	Date
Approved By:		9/27/19
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2020	2021	2022	2023	2024
Capital Expenditures	<u>\$608,507</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Operating Costs	<u>0</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><u>\$608,507</u></u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0

Budget Account No.: Fund 4011 Dept 721 Unit W004 Object 6541

Is Item Included in Current Budget? Yes **X** No

Does this item include the use of federal funds? Yes No **X**

Reporting Category **N/A**

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

One (1) time expenditure from user fees, connection fees and balance brought forward.

C. Department Fiscal Review: _____

III. REVIEW COMMENTS

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

[Signature] 9/20/19
 OFMB 9/19 DE [Signature]

D. S. Jacob 9/23/19
Contract Development and Control
9/23/19

B. Legal Sufficiency:

 9/26/19
Assistant County Attorney

C. Other Department Review:

Department Director

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

WORK TASK ORDER NO. 1

**Palm Beach County Water Utilities Department
System-Wide Wellfield Improvements
Hydrogeologic, Engineering Design & Construction Services**

Resolution #2016-1776 Contract Dated 12/6/2016

Project Title: System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services

WUD Project No.: 16-017

Consultant: JLA Geosciences, Inc.

Address: 1907 Commerce Lane, Suite 104, Jupiter, Florida 33458

Budget Line Item No. 4011-721-W004-6541

District No.: 2 & 5

This Work Task Order provides for: professional services for additional engineering design, permitting, and construction phase services for Palm Beach County (COUNTY) Water Utilities Department (WUD) Project No. 16-017 Phases 1 and 2. The project includes system-wide wellfield improvements located at the COUNTY's four (4) Water Treatment Plants (Nos. 3, 9, 2, and 8).

(See ATTACHMENT A for detailed scope of services)

The Contract provides for 70.32% SBE participation. This Work Task Order includes 60.20% overall participation. The cumulative SBE participation, including this Work Task Order is 68.71%.

1. Services completed by the Consultant to date :

See ATTACHMENT B.

2. Consultant shall begin work upon receipt of Notice to Proceed correspondence.
3. 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 \$ 608,506.58
 - B. Fixed price of \$ 0
 - C. Total \$ 608,506.58
4. This Work Task Order 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.

WORK TASK ORDER NO. 1

**Palm Beach County Water Utilities Department
System-Wide Wellfield Improvements
Hydrogeologic, Engineering Design & Construction Services**

Resolution #2016-1776 Contract Dated 12/6/2016

Project Title: System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services

Project No. WUD: 16-017

5. SBE participation is included in **ATTACHMENT C** under this Work Task Order. The attached Schedule 1 defines the SBE applied to this Work Task Order and Schedule 2 establishes the SBE contribution from each Sub-Consultant (Letter of Intent to perform as an SBE).
6. This Work Task Order does not amend, change, or modify the Contract dated 12/6/2016 which remains in full force and effect.
7. All Attachments to this Work Task Order are incorporated herein and made a part of this Work Task Order.

WORK TASK ORDER NO. 1

Palm Beach County Water Utilities Department
System-Wide Wellfield Improvements
Hydrogeologic, Engineering Design and Construction Services
Resolution #2016-1776 Contract Dated 12/6/2016

Project Title: System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services

Project No. WUD: 16-017

IN WITNESS WHEREOF, this Work Task Order 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: _____
Mack Bernard, Mayor *MB*

Typed Name: _____
Deputy Clerk

Date _____

*Done
9/16/19*

Approved as to Form and Legal
Sufficiency

CONSULTANT:

Signed: _____

[Signature]
(Signature)

Typed Name: _____
County Attorney

James L. Andersen, President JLA Geosciences, Inc.
(Name and Title)

7/24/2019
Date

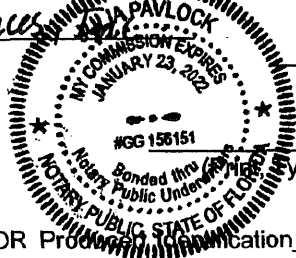
STATE OF FLORIDA

COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me this 24th day of July, 2019.

by James L. Andersen as President

for JLA Geosciences, Inc.



[Signature]
(Signature of Notary Public - State of Florida)

Julia Pavlock
(Type, or Stamp Commissioned Name of Notary Public)

Personally Known ☒ OR Produced Identification _____ Type of Identification Produced _____

LIST OF ATTACHMENTS

WORK TASK ORDER NO. 1

**Palm Beach County Water Utilities Department
System-Wide Wellfield Improvements
Hydrogeologic, Engineering Design & Construction Services**

Resolution #2016-1776 Contract Dated 12/6/2016

ATTACHMENT - A	Scope of Services
ATTACHMENT - B	Summary and Status of Work Task Orders
ATTACHMENT - C	OEBO Schedules 1 and 2
ATTACHMENT - D	Project Schedule
ATTACHMENT - E	Budget Summary
ATTACHMENT - F	Summary of SBE/Minority Business Tracking
ATTACHMENT - G	Location Map

Revised 1-4-19

ATTACHMENT - A

SCOPE OF SERVICES

Project No. WUD 16-017

Project: System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services

This Work Task Order (WTO) provides for: professional services for additional engineering design, permitting, and construction phase services for Palm Beach County (COUNTY) Water Utilities Department (WUD) Project No. 16-017 Phases 1 and 2. The project includes system-wide wellfield improvements located at the COUNTY's four (4) Water Treatment Plants (Nos. 3, 9, 2, and 8).

Background

WUD 16-017 Phase 1 design included the relocation of existing wells 3W-13 and 3W-14 (Polo Trace Wells) which are located within the Polo Trace Golf Course. The Golf Course has been purchased and is in the process of being redeveloped by GL Homes after the original scope of services for the stand-alone contract was agreed upon.

WUD 16-017 Phase 2 included the replacement of existing well 8W-10 with 8W-10R. The COUNTY requested that the Consultant and Subconsultants provide additional engineering design services including preparing a plan and profile drawing for a proposed electrical conduit bore to well 8W-10R in response to a PBC Land Development Request for Additional Information received December 4, 2018.

WUD 16-017 Phase 1 Notice to Proceed for the awarded construction Contractor was given January 4, 2018 with a total awarded contract time of 1018 days (34 months). Prior to design, the original estimated construction oversight stand-alone contract time was 24 months for Prime Consultant JLA Geosciences, Inc. (JLA) and Subconsultant Hillers Electrical Engineering, Inc. (HEE). For Subconsultant Kimley-Horn and Associates, Inc. (KHA), original construction duration was estimated to be 12 months. KHA's construction services effort was estimated to be 12 months with the understanding that their services would not be required until year 2 of the original 3 year contract duration.

WUD 16-017 Phase 2 Notice to Proceed for the awarded construction Contractor was given July 23, 2018 with a total awarded contract time of 1060 days (35 months). Prior to design, the original, estimated construction oversight stand-alone contract time was 15 months (which included overlap with Phase 1 and fewer estimated wells) for JLA and HEE. For Subconsultant KHA, original construction duration was estimated to be 12 months.

Factors that contributed to the extension of original contract timeframe included the reduction in wellfield capacity due to time overages of existing project (WUD 15-035, WUD 16-042), other maintenance wells offline and golf course easement agreement construction timeframe restraints. The work included in this WTO includes the difference between the original stand-alone contract estimation and the actual construction contract time to perform construction oversight services for Phases 1 and 2.

WUD 16-017 Phase 1 Timeframe Summary

Consultant/ Subconsultant	Original stand-alone (R-2016-1776) Contract Time (months)	Actual Project Contractor Construction Contract Time (months)	Difference between Original and Actual (addressed in WTO No. 1) (months)
JLA	24	34	10
HEE	24	34	10
KHA	12	34	22

WUD 16-017 Phase 2 Timeframe Summary

Consultant/ Subconsultant	Original stand-alone (R-2016-1776) Contract Time (months)	Actual Project Contractor Construction Contract Time (months)	Difference between Original and Actual (addressed in WTO No. 1) (months)
JLA	15	35	20
HEE	15	35	20
KHA	12	35	23

CONSULTANT shall perform:

TASK 1.0 – Additional Engineering Design: Water Treatment Plant 3/Polo Trace

(Year 1) – The Consultant and Subconsultant will prepare for and attend up to four (4) project meetings with COUNTY staff, including three (3) project coordination and design meetings and one (1) permitting regulatory meeting. Meetings will also be attended by subconsultants. The Consultant and Subconsultant will prepare and submit to COUNTY redesigned project drawings. COUNTY will review and provide comments. The Consultant and Subconsultant will review and respond to the comments and submit revised project drawings for construction and/or permitting.

Deliverables:

- Two (2) sets of signed and sealed full size revised drawings (24"x36") and one (1) set of signed and sealed half size revised drawings for each well.

(Year 2) The Consultant and Subconsultant will prepare for and attend up to three (3) project meetings with COUNTY staff. Consultant and Subconsultant will coordinate with permitting regulatory agencies and GL Homes. Consultant and Subconsultant will perform up to two (2) site visits to the Polo Trace well sites. Meetings will also be attended by subconsultants. The Consultant and Subconsultant will prepare and submit to COUNTY redesigned project drawings. COUNTY will review and provide comments. The Consultant and Subconsultant will review and respond to the comments and submit revised project drawings for construction and/or permitting.

Deliverables:

- Two (2) sets of signed and sealed full size revised drawings (24"x36") and one (1) set of signed and sealed half size revised drawings for each well.

TASK 2.0 – Additional Engineering Design: Well 8W-10/8W-10R

Consultant and Subconsultant will review COUNTY-provided historical information, record drawings, and COUNTY standard engineering details prior to preparing the plan and profile drawing of the electrical conduit bore to well 8W-10R. It is understood that the electrical conduit design will be provided. Consultant and Subconsultant will prepare and submit to the COUNTY plan and profile drawing. The COUNTY will review and provide comments. The Consultant and Subconsultant will review and respond to the comments and submit revised project drawings for

PBC Engineering and Public Works, Land Development permitting.

Deliverables:

- Two (2) signed and sealed full size drawings (24"x36") and one (1) electronically signed and sealed drawing.

TASK 3.0 – Phase 1 Additional Construction Phase Services: As outlined in the background information above, this task includes the difference between the original construction schedule estimate and actual construction time. The Consultant and Subconsultants will provide a continuation of administrative and construction oversight, as outlined in the existing stand-alone contract, for Phase 1 through the project completion date of 10/18/2020.

The additional construction time included in this task for JLA and HEE is 10 months and consists of the following: review of pay applications (10), preparation and attendance of 10 additional progress meetings, agendas, minutes; construction oversight during 10 additional months of critical phases of well construction, and electrical work. The additional construction time included in this task for KHA is 22 months and consists of attendance at monthly progress meetings (up to 22), review of additional shop drawings (up to 12), review change orders, answer contractor questions (up to 22), and review of pay applications (up to 22), and 94 weeks of construction observation (average 3 hours per week).

This task also includes additional vibration monitoring, provided by JLA, through the completion date of the project. Vibration monitoring has been reduced in Phase 1 to only well sites considered critical for monitoring, which include the remaining wells to be constructed: 9W-4, 9W-9, 9W-2, 9W-13.

TASK 4.0 – Phase 2 Additional Construction Phase Services: As outlined in the background information above, this task includes the difference between the original construction schedule estimate and actual construction time. The Consultant and Subconsultants will provide a continuation of administrative and construction oversight, as outlined in the existing stand-alone contract, for Phase 2 through the project completion date of 6/17/2021.

The additional construction time included in this task for JLA and HEE is 20 months and consists of the following: review of pay applications (20), preparation and attendance of 20 additional progress meetings, agendas, minutes; construction oversight during 20 additional months of

critical phases of well construction, and electrical work. The additional construction time included in this task for KHA is 23 months and consists of attendance at monthly progress meetings (up to 23), review of additional shop drawings (up to 12), review change orders, answer contractor questions (up to 23), and review of pay applications (up to 23), and 104 weeks of construction observation (average 4 hours per week).

This task also includes additional vibration monitoring, provided by JLA, through the completion date of the project. Vibration monitoring has been reduced in Phase 2 to only well sites considered critical for monitoring, which include the remaining wells to be constructed: 8W-8, 8W-7, 9W-5.

Assumptions and Clarifications

Assumptions and clarifications shall be in keeping with the existing stand-alone contract regarding Consultant construction oversight and observation.

ATTACHMENT - B

SUMMARY AND STATUS OF STAND ALONE CONTRACT AND WORK TASK ORDERS

Stand-alone Contract	Work Task Order	WUD Project No.	Title	Status	Project Total Amount	SBE Total Amount	SBE Participation %	Approved By	Approved Date
R-2016-1776	N/A	16-017	System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services	Approved	\$3,195,573.10	\$ 2,247,421.31	70.32%	BCC	12/12/2016
N/A	1	16-017	System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services	Pending	\$608,506.58	\$ 366,374.48	60.20%	Pending	Pending

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACT/SUBCONSULTANT PARTICIPATION


SOLICITATION/PROJECT/BID NO.: 16-017

ADDRESS: 1907 Commerce Lane, Suite 104, Jupiter Florida 33458

PHONE NO. 561 746-0228 EMAIL: JANDERSEN@JLAGEOSCIENCES.COM

DEPARTMENT: Water Utilities

Name, Address and Phone Number	(Check all Applicable Categories)	<u>DOLLAR AMOUNT OR PERCENTAGE OF WORK</u>						
	<u>Non-SBE</u>	<u>M/WBE</u> Minority/Women Business	<u>SBE</u> Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
JLA Geosciences, Inc. 1907 Commerce Ln, Ste 104, Jupiter FL 33458 (561) 746-0228	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$	\$	\$346,290.00	\$
Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200, West Palm Beach, Florida 33411 (561) 845-0665	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	Non SBE \$242,132.10
Hillers Electrical Engineering, Inc. 23257 State Road 7, Suite 100, Boca Raton, FL 33428 (561) 451-9165	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$	\$	\$	Asian \$20,084.48
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$
TOTAL			TOTAL	\$ -	\$ -	\$ -	\$ 346,290.00	\$ 262,216.58
Total Bid Price \$ 608,506.58							Total SBE-M/WBE Participation \$	366,374.48

TOTAL	\$	-	\$	-
 Signature				

must be supported by price or percentage listed on the property.

M/WBE: If firms are certified as both an SBE and/or M/WBE,

Note:

1. The amount listed on this form for a Subcontractor/Subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
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/or M/WBE, please indicate the dollar amount under the appropriate category.
3. Modification of this form is not permitted and will be reject upon submittal.

Revised 02/28/2019

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All subcontractors/subconsultants, including any tiered subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 16-017

SOLICITATION/PROJECT NAME: System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services

Name of Prime: JLA Geosciences, Inc.

(Check box(s) that apply)

☒SBE ☐WBE ☐MBE ☐M/WBE ☐Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 4/10/17-4/9/20

The undersigned affirms they are the following (select one from each column):

Column 1

Column 2

☒ Male ☐ Female ☐ African-American/Black ☐ Asian American ☒ Caucasian American ☐ Hispanic American ☐ Native American

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Qty./Units	Contingencies/ Allowances	Total Price/Percentage
	6.01 Geological & Geophysical Studies	\$608,506.58	1	-	\$608,506.58

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$608,506.58

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

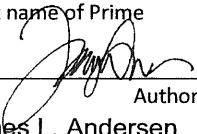
Kimley-Horn and Associates, Inc.; Hillers Electrical Engineering, Inc.

Price or Percentage: \$242,132.10 & \$20,084.48

Name of 2nd/3rd tier Subcontractor/subconsultant

JLA Geosciences, Inc.

Print name of Prime

By:  Authorized Signature

James L. Andersen

Print name

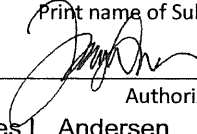
President, JLA Geosciences, Inc.

Title

Date: 7/24/19

JLA Geosciences, Inc.

Print name of Subcontractor/subconsultant

By:  Authorized Signature

James L. Andersen

Print name

President, JLA Geosciences, Inc.

Title

Date: 7/24/19

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All subcontractors/subconsultants, including any tiered subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 16-017

SOLICITATION/PROJECT NAME: System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services

Name of Prime: JLA Geosciences, Inc.

(Check box(s) that apply)

☐SBE ☐WBE ☐MBE ☐M/WBE ☒Non-S/M/WBE Date of Palm Beach County Certification (if applicable):

The undersigned affirms they are the following (select one from each column):

Column 1 Column 2
☐ Male ☐ Female ☐ African-American/Black ☐ Asian American ☐ Caucasian American
☐ Hispanic American ☐ Native American

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

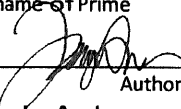
Line Item	Item Description	Unit Price	Quantity/Units	Contingencies/Allowances	Total Price/Percentage
	10.03 Struc. Eng.-Industrial, 12.06 Water Res. Eval.& Devl	\$242,132.10	1	-	\$242,132.10


The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$242,132.10

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A
Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: 0

JLA Geosciences, Inc.
Print name of Prime
By: 
Authorized Signature
James L. Andersen
Print name
President, JLA Geosciences, Inc.
Title
Date: 7/24/19

Kimley-Horn and Associates
Print name of Subcontractor/subconsultant
By: 
Authorized Signature
Gary Ratay
Print name
Vice President, Kimley-Horn and Associates
Title
Date: 7/24/19

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 16-017

SOLICITATION/PROJECT NAME: System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services

Name of Prime: JLA Geosciences, Inc.

(Check box(s) that apply)

☒ SBE ☐ WBE ☒ MBE ☐ M/WBE ☐ Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 2/25/19-10/15/2021*

*As directed by OEBO

The undersigned affirms they are the following (select one from each column):

Column 1

Column 2

☒ Male ☐ Female ☐ African-American/Black ☒ Asian American ☐ Caucasian American ☐ Hispanic American ☐ Native American

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	9.03 Electrical Engineering - Industrial Facilities	20,084.48	1	--	20,084.48

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A
Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: 0%

JLA Geosciences, Inc.

Print Name of Prime

By:

Authorized Signature

James L. Andersen

Print Name

President, JLA Geosciences Inc.

Title

Date: 7/11/19

Hillers Electrical Engineering, Inc.

Print Name of Subcontractor/subconsultant

By:

Authorized Signature

Paul F. Hillers

Print Name

President, Hillers Electrical Engineering, Inc.

Title

Date: 7/11/19

Revised 02/28/2019

ATTACHMENT - D

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 (Calendar Days)
Task 1.0	Additional Engineering Design - WTP 3/Polo Trace	30
Task 2.0	Additional Engineering Design - WTP 8/8W-10R	30
Task 3.0	Phase 1 Construction Phase Additional Services	376
Task 4.0	Phase 2 Construction Phase Additional Services	618

NTP: October 8, 2019

ATTACHMENT - E
BUDGET SUMMARY

Palm Beach County Water Utilities Department
System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services
Resolution # R2016-1776
Contract Dated: 12/6/2016
Work Task Order No. 1
Consultant: JLA Geosciences, Inc.
Project name: System-Wide Wellfield Improvements Hydrogeologic, Engineering Design & Construction Services
WUD Project No.: 16-017

		Labor Classification and Hourly Rate												TASK
Task		Prin. Hydro	Prof. Geol	Senior Hydro II	Senior Hydro I	Geol I Hydro II	Geol I Hydro I	Geol Tech	Admin	Total Labor	Mileage (\$0.58/mi)	ODC	Sub Consultant Services	TOTAL
Number	Task Description													
1.0	Additional Engineering Design - WTP 3/Polo Trace													
	Provide additional engineering services for design of Polo Trace wells 3W-13, 3W-14 (Years 1 and 2)			16										
	Subconsultant - Kimley-Horn and Associates												\$ 25,481.40	
	Subconsultant - Hillers Electrical Engineering												\$ 3,141.04	
	Subtotal Task 1	0	0	16	0	0	0	0	0	16.0	\$ -	\$ -	\$ 28,622.44	\$ 30,782.44
2.0	Additional Engineering Design - WTP 8/8W-10R													
	Provide additional engineering services for 8W-10 directional drilling			8										
	Subconsultant - Kimley-Horn and Associates												\$5,288.40	
	Subconsultant - Hillers Electrical Engineering												\$ 3,141.04	
	Subtotal Task 2	0	0	8	0	0	0	0	0	8.0	\$ -	\$ -	\$ 8,429.44	\$ 9,509.44
3.0	Phase 1 Construction Phase Additional Services													
	Provide construction phase services to completion of contract	80		320		400						\$ 38,100.00		
	Subconsultant - Kimley-Horn and Associates												\$ 82,727.70	
	Subconsultant - Hillers Electrical Engineering												\$ 4,600.80	
	Subtotal Task 3	80	0	320	0	400	0	0	0	800.0	\$ -	\$ 38,100.00	\$ 87,328.50	\$ 221,828.50
4.0	Phase 2 Construction Phase Additional Services													
	Provide construction phase services to completion of contract	160		640		800						\$ 15,750.00		
	Subconsultant - Kimley-Horn and Associates												\$ 128,634.60	
	Subconsultant - Hillers Electrical Engineering												\$ 9,201.60	
	Subtotal Task 4	160	0	640	0	800	0	0	0	1600.0	\$ -	\$ 15,750.00	\$ 137,836.20	\$ 346,386.20
	Labor Subtotal Hours	240	0	984	0	1200	0	0	0					
	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	\$ 39,600.00	\$ -	\$ 132,840.00	\$ -	\$ 120,000.00	\$ -	\$ -	\$ -					
	Labor Total													\$292,440.00
	Mileage/ODC													\$53,850.00
	Subconsultant Total													\$262,216.58
	Project Total													\$608,506.58

Mileage calculated based on current US Internal Revenue Service standard rates.

ODC (vibration monitoring) fees based on rate schedule 2018

Additional Information - ODC Vibration Monitoring

P1 End 10/18/2020

P2 End 6/17/2021

Phase	Well	Continue Monitoring/ Cease Monitoring	No. of Months	No. of day	Cost per month	Cost per day	Total Cost
Phase 1	9W-11	100% complete			\$1,850.00	\$61.67	\$14,800.00
	3W-1	Cease			\$0.00	\$0.00	\$0.00
	9W-14	100% complete			\$1,850.00	\$61.67	\$22,200.00
	9W-15	100% complete			\$1,850.00	\$61.67	\$22,200.00
	9W-1	Cease			\$0.00	\$0.00	\$0.00
	3W-13	Cease			\$0.00	\$0.00	\$0.00
	3W-14	Cease			\$0.00	\$0.00	\$0.00
	9W-4	Continue	9.00	270	\$1,850.00	\$61.67	\$16,650.00
	9W-9	Continue	9.00	270	\$1,850.00	\$61.67	\$16,650.00
	9W-2	Continue	9.00	270	\$1,850.00	\$61.67	\$16,650.00
	9W-13	Continue	9.00	270	\$1,850.00	\$61.67	\$16,650.00
Phase 2	2W-1	Cease		0	\$0.00	\$0.00	\$0.00
	8W-10	Cease		0	\$0.00	\$0.00	\$0.00
	8W-5	Cease		0	\$0.00	\$0.00	\$0.00
	8W-15	Cease		0	\$0.00	\$0.00	\$0.00
	8W-8	Continue	12.00	360	\$1,850.00	\$61.67	\$22,200.00
	8W-11	Cease		0	\$0.00	\$0.00	\$0.00
	8W-7	Continue	12.00	360	\$1,850.00	\$61.67	\$22,200.00
	8W-12	Cease		0	\$0.00	\$0.00	\$0.00
	3W-10	Cease		0	\$0.00	\$0.00	\$0.00
	9W-5	Continue	12.00	360	\$1,850.00	\$61.67	\$22,200.00

	Phase 1	Phase 2
Total required of critical monitors	\$125,800.00	\$66,600.00
Contract budget	\$108,000.00	\$67,500.00
Budget used to date	\$79,500.00	\$16,650.00
Remaining wells to be constructed	\$66,600.00	\$66,600.00
Budget + remaining	\$146,100.00	\$83,250.00
Difference from contract budget	\$38,100.00	\$15,750.00
ODC total for WTO #1	\$53,850.00	



July 17, 2019

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

**RE: WORK TASK ORDER NO. 1
PBCWUD SYSTEM-WIDE WELLFIELD IMPROVEMENTS
ADDITIONAL ENGINEERING DESIGN & CONSTRUCTION PHASE
SERVICES FOR WUD 16-017**

Dear Mr. Andersen:

We are pleased to provide this Work Task Order (WTO) for professional services for additional engineering design, permitting, and construction phase services for Palm Beach County (COUNTY) Water Utilities Department (WUD) 16-017 Phases I and II. The project includes system-wide wellfield improvements located at the COUNTY's four (4) water treatment plants (No. 3, 9, 2, and 8) throughout the WUD service area.

BACKGROUND

WUD 16-017 Phase I consisted of relocation of existing wells 3W-13 and 3W-14, also known as the Polo Trace wells, which are located within the Polo Trace Golf Course. The Golf Course has been purchased and is in the process of being redeveloped by GL Homes since the original scope of services for the WUD 16-017 stand-alone contract was agreed upon.

In Year 1 of Phase I construction, the COUNTY requested that KHA provide additional engineering design services consisting of coordination and redesign of replacement wells 3W-13R and 3W-14R, including well sites, and revision of the corresponding construction documents. The COUNTY has requested access driveways and permanent underground discharge piping be included in the redesign of the Polo Trace well sites.

In Year 2 of Phase I construction, the COUNTY requested KHA provide additional engineering design services consisting of permitting modifications, coordination with GL Homes and Palm Beach County Health Department, well site visits, redesign of the well sites, revisions to the construction documents for permitting and construction, and responding to contractor questions and requests for information.

WUD 16-017 Phase II included the relocation of existing well 8W-10. The COUNTY requested KHA provide additional engineering design services including preparation of a plan and profile drawings for a proposed electrical conduit bore to well 8W-10R in response to a PBC

kimley-horn.com

1920 Wekiva Way, Suite 200 West Palm Beach, FL 33411

561-845-0665

Engineering and Public Works, Land Development Request for Additional Information received December 4, 2018.

The Contractor's Notice to Proceed (NTP) for Phase I was given on January 4, 2018 with a total awarded contract time of 1018 days, or 34 months. Prior to design, the estimated construction duration for Phase I was 12 months; therefore, KHA included 12 months of Construction Phase Services, consisting of 12 months of Construction Administration and 52 weeks of Construction Observation for an average of two (2) hours per week, in the stand-alone contract. This WTO includes an additional 22 months of Construction Phase Services for Phase I, which is the difference between the construction duration estimated in the original, stand-alone contract and the Contractor's awarded contract time.

The Contractor's NTP for Phase II was given on July 23, 2018 with a total awarded contract time of 1060 days, or 35 months. Prior to design, the estimated construction duration for Phase II was 12 months; therefore, KHA included 12 months of Construction Phase Services, consisting of 12 months of Construction Administration and 48 weeks of Construction Observation for an average of two (2) hours per week, in the stand-alone contract. This WTO includes an additional 23 months of Construction Phase Services for Phase II, which is the difference between the construction duration estimated in the original, stand-alone contract and the Contractor's awarded contract time.

SCOPE OF SERVICES

Kimley-Horn and Associates, Inc. (KHA) serving as a SUBCONSULTANT to JLA Geosciences, Inc. (JLA), the PRIME CONSULTANT, shall perform the scope of services as described herein and will be responsible for the following tasks:

TASK 1.0 – ADDITIONAL ENGINEERING DESIGN – WATER TREATMENT PLANT 3/POLO TRACE

Year 1

Subconsultant will prepare for and attend up to four (4) project meetings with COUNTY staff, including three (3) project coordination and design meetings and one (1) permitting regulatory meeting.

Subconsultant will prepare and submit to the COUNTY design project drawings. The COUNTY will review and provide comments. Subconsultant will review and respond to the comments and submit revised project drawings for construction and permitting.

Deliverables –

- Two (2) sets of signed and sealed full size revised drawings (24"x36") and one (1) set of signed and sealed half size revised drawings for each well.

Year 2

Subconsultant will prepare for and attend up to three (3) project meetings with COUNTY staff. Subconsultant will coordinate with permitting regulatory agencies and GL Homes. Subconsultant will perform up to two (2) site visits to the Polo Trace well sites.

Subconsultant will prepare and submit to the COUNTY redesigned project drawings. The COUNTY will review and provide comments. Subconsultant will review and respond to the comments and submit revised project drawings for construction and/or permitting.

Deliverables –

- Two (2) sets of signed and sealed full size revised drawings (24"x36") and one (1) set of signed and sealed half size revised drawings for each well.

TASK 2.0 – ADDITIONAL ENGINEERING DESIGN – 8W-10/8W-10R

Subconsultant will review COUNTY-provided historical information, record drawings, and COUNTY standard engineering details prior to preparing the plan and profile drawing of the electrical conduit bore for well 8W-10R. It is understood that the electrical conduit design will be provided by HEE.

Subconsultant will prepare and submit to the COUNTY a plan and profile drawing. The COUNTY will review and provide comments. Subconsultant will review and respond to the comments and submit revised project drawings for PBC Engineering and Public Works, Land Development permitting.

Deliverables –

- Two (2) signed and sealed full size drawings (24"x36") and one (1) electronically signed and sealed drawing.

TASK 3.0 – PHASE I ADDITIONAL CONSTRUCTION PHASE SERVICES

TASK 3.1 – ADMINISTRATIVE

This Task extends the duration of the scope of services provided by WUD 16-017 Task 6.0 – WTP No. 3 & 9: Construction Phase Services – Administrative to include Construction Administration services for Phase I up to the anticipated Contractor's Final Completion date of October 18, 2020.

Task 6.0 of the stand-alone contract included 12 months of Construction Administration services. This task consists of the difference between the estimated construction duration and the Contractor's awarded contract duration and includes an additional 22 months of Construction Administration services.

In addition to the scope of services provided in Task 6.0 of the WUD 16-017 stand-alone contract, this Task includes attendance at additional progress meetings (up to 22), additional payment application review (up to 22), and additional contractor submittal review (up to 12).

TASK 3.1 – ONSITE OBSERVATIONS

This Task extends the duration of the scope of services provided by WUD 16-017 Task 7.0 – WTP No. 3 & 9: Construction Phase Services – Onsite Observations

to include Onsite Observation services for Phase 1 up to the anticipated Contractor's Final Completion date of October 18, 2020.

The Onsite Observation time included in Task 7.0 of the stand-alone contract consists of an average of 2 hours a week for the 52-week estimated construction duration. This Task consists of the difference between the estimated construction duration and observation needs and the actual construction contract duration and observation needs. The additional services included in this Task anticipates the Consultant visit the site an average of 3 hours per week for the remaining 94-week construction duration.

The scope of services provided for this Task is described in the WUD 16-017 stand-alone contract.

TASK 4.0 – PHASE II ADDITIONAL CONSTRUCTION PHASE SERVICES

TASK 4.1 – ADMINISTRATIVE

This Task extends the duration of the scope of services provided by WUD 16-017 Task 12.0 – WTP 2 & 8: Construction Phase Services – Administrative to include additional Construction Administration services for Phase II up to the anticipated Contractor's Final Completion date of June 17, 2021.

Task 12.0 of the stand-alone contract included 12 months of Construction Administration services. This Task consists of the difference between the estimated construction duration and the Contractor's awarded contract duration and includes an additional 23 months of Construction Administration services.

In addition to the scope of services provided in the Task 12.0 of the WUD 16-017 stand-alone contract, this Task includes attendance at additional progress meetings (up to 20¹), review of additional payment applications (up to 23), and additional contractor submittal review (up to 12).

TASK 4.1 – ONSITE OBSERVATIONS

This Task extends the duration of the scope of services provided by WUD 16-017 Task 13.0 – WTP No. 2 & 8: Construction Phase Services – Onsite Observations to include Onsite Observation services for Phase II up to the anticipated Contractor's Final Completion date of June 17, 2021.

The Onsite Observation time included in Task 13.0 of the stand-alone contract consists of an average of 2 hours a week for the 48-week estimated construction duration. This Task consists of the difference between the estimated construction duration and observation needs and the actual construction contract duration and observation needs. The additional services included in this Task anticipates the Consultant visit the site an average of 4 hours per week for the remaining 104-week construction duration.

¹ attendance at up to 15 progress meetings was included in Task 12.0 of the WUD 16-017 stand-alone contract

The scope of services provided for this Task is described in the WUD 16-017 stand-alone contract.

ITEMS PROVIDED BY OTHERS & NOT INCLUDED

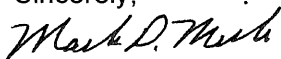
1. Copies of certified pump curves for each well pump
2. Record drawings of wells and wellheads.
3. Wellsite surveys
4. Geotechnical information
5. Permit fees

Compensation

The services included in this proposal are intended to be lump sum for each of the following tasks with a total value of \$242,132.10. Attached is the fee schedule by phases and tasks.

Please call if you have any questions.

Sincerely,



Mark D. Miller, P.E.
Vice President



Gary Ratay, P.E.
Senior Associate

Attachment: **FEE SCHEDULE**

ATTACHMENT - B									
BUDGET SUMMARY									
		Labor Classification and Hourly Rate							
		Principal	Senior	Project		Analyst/			Sub
Task			Pr. Engineer	Engineer	Designer/RP R	Intern Engineer	Snr Support Staff	Total	Consultant
Number	Task Description	MDM	TSH	VH/AC	MP	AG	TC/CJ	Labor	Services
1.0	Additional Engineering Services - Polo Trace Wells								
	Meetings and Coordination (Year 1)	3	14	4		15		\$5,657.40	
	Redesign and Revise Drawings (Year 1)	2	8	18		20	2	\$6,934.80	
	Meetings and Coordination (Year 2)		12	8				\$3,691.20	
	Redesign and Revise Drawings (Year 2)	2	15	30		10	2	\$9,198.00	
	Subtotal Task 1	7	49	60	0	45	4	\$25,481.40	
2.0	Additional Engineering Services - 8W-10/8W-10R								
	Record Drawings Review		2	8		6	0	\$2,209.20	
	Prepare Plan and Profile Drawing	1	2	10		8	2	\$3,079.20	
	Subtotal Task 2	1	4	18	0	14	2	\$5,288.40	
3.0	Phase 1 Additional Construction Phase Services								
	Construction Administration	16	135	45	40	10	10	\$44,683.20	
	Onsite Observation		30	75	175		5	\$38,044.50	
	Subtotal Task 3	16	165	120	215	10	15	\$82,727.70	
4.0	Phase 2 Additional Construction Phase Services								
	Construction Administration	18	210	75	60	20	10	\$68,494.80	
	Onsite Observation		35	150	260		5	\$60,139.80	
	Subtotal Task 4	18	245	225	320	20	15	\$128,634.60	
	Labor Subtotal Hours	42	463	423	535	89	36		
	ANNUAL ESCALATOR	0%	0%	0%	0%	0%	0%		
	Labor Raw Costs	\$74.00	\$69.20	\$50.00	\$38.46	\$33.00	\$25.00		
	Labor Multiplier	3.0	3.0	3.0	3.0	3.0	3.0		
	Labor Rate	222.00	207.60	150.00	115.38	99.00	75.00		
	Labor Total	\$9,324.00	\$96,118.80	\$63,450.00	\$61,728.30	\$8,811.00	\$2,700.00	\$ 242,132.10	
	Raw	\$74.00	\$69.20	\$50.00	\$38.46	\$33.00	\$25.00		
	Subconsultant Labor Total	\$ -							\$0
	Subconsultant Multiplier								1
	Subcontract Total	\$ -							\$0
	Project Total								\$242,132.10



HILLERS ELECTRICAL ENGINEERING, INC.

July 15, 2019

Ms. Rani Smith
JLA Geosciences, Inc.
1907 Commerce Lane, Suite 104
Jupiter, FL 33458

Subject: WUD 16-017 Water Treatment Plant Nos. 2, 3, 8 and 9 Wellfield Phase 1 & 2
Construction Services – Supplement – Work Task Order No. 1

Dear Rani:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide JLA Geosciences, Inc. (JLA) a proposal for the construction services supplement associated with the above referenced project.

Background

WUD 16-017 Phase 1 Notice to Proceed for the awarded construction Contractor was given January 4, 2018 with a total awarded contract time of 1018 days (34 months). Prior to design, the original estimated construction oversight stand alone contract time was 24 months for JLA Geosciences, Inc. (JLA) and Hillers Electrical Engineering, Inc. (HEE). For Consultant Kimley-Horn and Associates, Inc. (KHA), original construction duration was estimated to be 12 months.

WUD 16-017 Phase 2 Notice to Proceed for the awarded construction Contractor was given July 23, 2018 with a total awarded contract time of 1060 days (35 months). Prior to design, the original estimated construction oversight stand alone contract time was 15 months (which included overlap with Phase 1 and fewer estimated wells) for JLA and HEE. For Consultant KHA, original construction duration was estimated to be 12 months.

Factors which contributed to the extension of original contract timeframe included the reduction in wellfield capacity due to time overages of existing projects (15-035, 16-042) contracts, rehabilitated wells offline which further restricted wellfield capacity, and easement agreement construction timeframe restraints. The work included in this Work Task Order (WTO) includes the difference between the original stand alone contract estimation and the actual construction contract time to perform construction phase services for Phases 1 and 2.

WUD 16-017 Phase 1 Timeframe Summary

Consultant/ Subconsultant	Original Stand Alone (R-2016-1776) Contract Time (months)	Actual Project Contractor Construction Contract Time (months)	Difference between Original and Actual (addressed in WTO No. 1) (months)
JLA	24	34	10
HEE	24	34	10
KHA	12	34	22

WUD 16-017 Phase 2 Timeframe Summary

Consultant/ Subconsultant	Original Stand Alone (R-2016-1776) Contract Time (months)	Actual Project Contractor Construction Contract Time (months)	Difference between Original and Actual (addressed in WTO No. 1) (months)
JLA	15	35	20
HEE	15	35	20
KHA	12	35	23

In addition, this WTO also addresses WUD requested engineering design services for Water Treatment Plant (WTP) No. 3/Polo Trace (3W-13, 3W-14) and WTP No. 8 (8W-10).

Hillers Electrical Engineering, Inc. will perform the following scope of services:

Task 1 – Additional Engineering Design: Water Treatment Plant 3/Polo Trace

- Drawing revisions for Wells 3W-13 and 3W-14

Task 2 – Additional Engineering Design: 8W-10/8W-10R

- Drawing revisions for Well 8W-10

Task 3 – Phase 1 Additional Construction Phase Services

- Prepare and attend monthly progress meetings (10 additional months)
- Pay application review (10 additional months)

Task 4 – Phase 2 Additional Construction Phase Services

- Prepare and attend monthly progress meetings (20 additional months)
- Pay application review (20 additional months)

Our proposed supplemental Construction Services fee is \$20,084.48.

If you have any questions, please do not hesitate to call me.

Sincerely,



Paul F. Hillers
JL05C

ATTACHMENT E

PBCWUD 16-017 Phases 1 & 2 - Construction Services Supplement - Work Task Order No. 1									
	Raw Rate	\$74.00	\$54.00	\$50.00	\$50.00	\$44.00	\$40.00	\$23.00	
	Multiplier	2.84	2.84	2.84	2.84	2.84	2.84	2.84	
	Proj. Mgr.	Prof. Eng.	Programmer	Lead Engineer	Designer	Cons. Coord.	Secretarial	Total	TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	TASK COST
Task 1 -Additional Engineering Design – WTP 3/Polo Trace									
Drawing Revisions for Wells 3W-13 & 3W-14	4	15						19	\$3,141.04
Task 2 – Additional Engineering Design – WTP 8/8W-10R									
Drawing Revisions for Well 8W-10	4	15						19	\$3,141.04
Task 3 - Phase I Construction Phase Additional Services									
Prepare and attend monthly progress meetings (10 additional months)		25						25	\$3,834.00
Pay Application Review (10 additional months)		5						5	\$766.80
Task 4 – Phase 2 Construction Phase Additional Services									
Prepare and attend monthly progress meetings (20 additional months)		50						50	\$7,668.00
Pay Application Review (20 additional months)		10						10	\$1,533.60
Total Hours	8	120						128	
Total Labor Cost	\$1,681.28	\$18,403.20							\$20,084.48



ATTACHMENT - F

Palm Beach County Water Utilities Department
System-Wide Wellfield Improvements Hydrogeologic, Engineering Design &
Construction Services

Resolution # R2016-1776 Contract Dated: December 6, 2016

STAND ALONE CONTRACT AND WORK TASK ORDER
STATUS REPORT

SUMMARY OF
SBE / MINORITY BUSINESS TRACKING

Master Contract Goal: <u>70.32%</u>	SBE
-------------------------------------	-----

Current Proposal

Value of Work Task Order No. 1	\$608,506.58
Value of SBE-M/WBE Letters of Intent	\$366,374.48
Actual Percentage	60.20%

Signed/Approved Authorizations

Total Value of Stand Alone Contract & Work Task Orders	\$3,195,573.10
Total Value of SBE-M/WBE Signed Subcontracts	\$2,247,421.31
Actual Percentage	70.32%

Signed/Approved Authorizations Plus Current Proposal

Total Value of Stand Alone Contract & Work Task Orders	\$3,804,079.68
Total Value of Subcontracts & Letters of Intent	\$2,613,795.79
Actual Percentage	68.71%

Attachment G








**Palm Beach County
Water Utilities
Department**

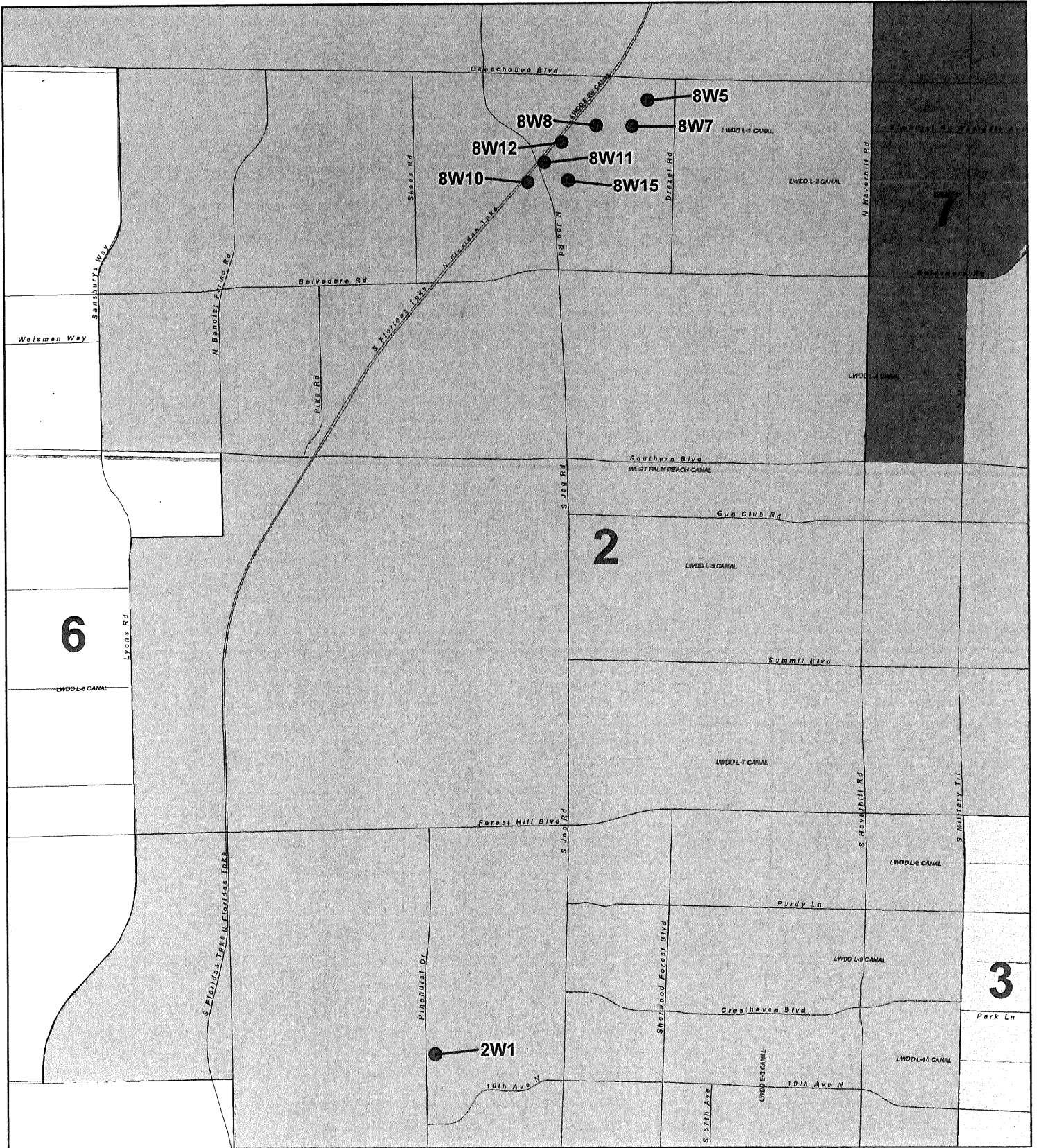
8100 Forest Hill Blvd.
West Palm Beach, FL 33416
(561) 740-4600

Project Location Map - WUD 16-017 (Phase 1)

Legend

-  WTP 3 and WTP 9 Wells (Phase 1)
  Commissioner District No. 6
 Commissioner District No. 4
  Commissioner District No. 7
 Commissioner District No. 5

Attachment G








**Palm Beach County
Water Utilities
Department**

8100 Forest Hill Blvd.
West Palm Beach, FL 33416
(561) 740-4600

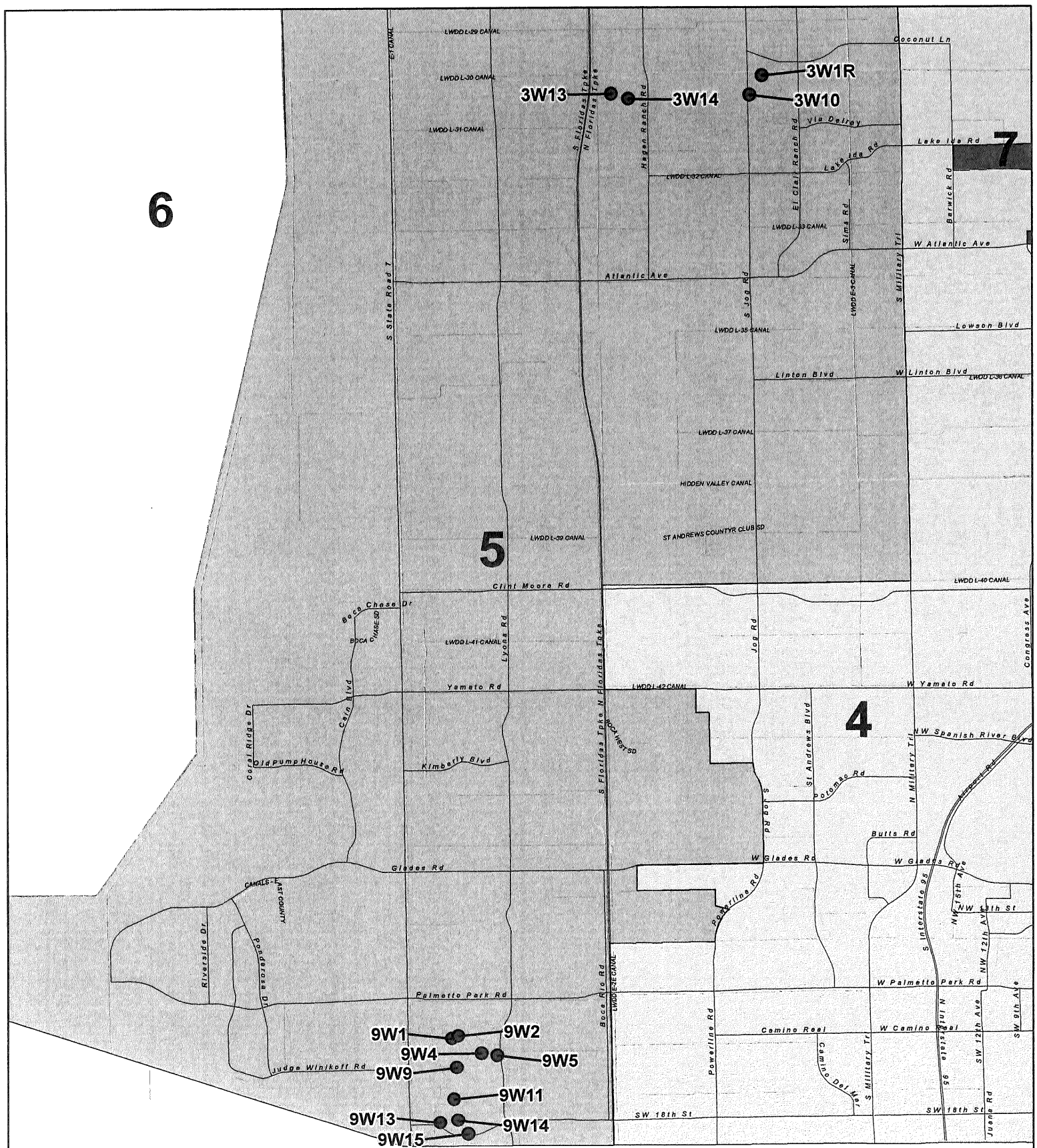
Project Location Map - WUD 16-017 (Phase 2)

Legend

-  WTP 2 and WTP 8 Wells (Phase 2)
  Commissioner District No. 6
 Commissioner District No. 2
  Commissioner District No. 7
 Commissioner District No. 3

♦Created by: Bill Kramer P.B.C.W.U.D. GIS Section • Date: 10/18/2016 • File: W:\GIS\PROJECTS\WTP 2 3 & 8 Proposed\WUD Well Location Map Phase 2.mxd

Attachment 2








**Palm Beach County
Water Utilities
Department**

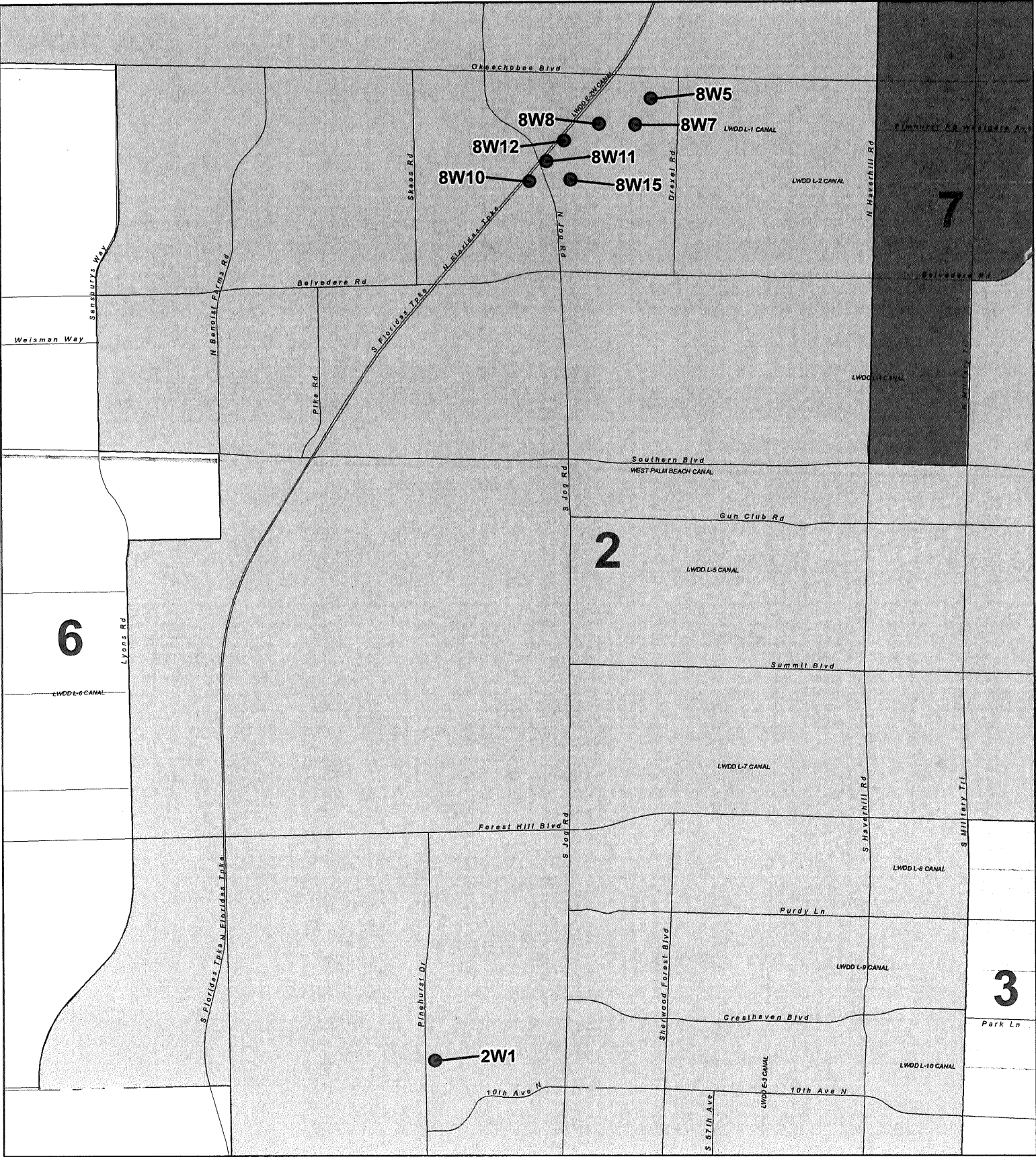
8100 Forest Hill Blvd.
West Palm Beach, FL 33416
(561) 740-4600

Project Location Map - WUD 16-017 (Phase 1)

Legend

-  WTP 3 and WTP 9 Wells (Phase 1)
  Commissioner District No. 6
 Commissioner District No. 4
  Commissioner District No. 7
 Commissioner District No. 5

Attachment 2





Palm Beach County
Water Utilities
Department

8100 Forest Hill Blvd.
West Palm Beach, FL 33416
(561) 740-4600

Project Location Map - WUD 16-017 (Phase 2)

Legend

● WTP 2 and WTP 8 Wells (Phase 2)	Commissioner District No. 6
Commissioner District No. 2	Commissioner District No. 7
Commissioner District No. 3	



ATTACHMENT 3
CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
07/23/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.			
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).			
PRODUCER Park & Associates Inc 5255 North Federal Highway Suite 200 Boca Raton FL 33487-4907		CONTACT NAME: Rosie Landisi PHONE (A/C, No, Ext): (561) 994-0880 FAX (A/C, No): (561) 994-1740 E-MAIL ADDRESS: rlandisi@parkassociates.com	
INSURED JLA Geosciences Inc 1907 Commerce Lane Suite 104 Jupiter FL 33458		INSURER(S) AFFORDING COVERAGE INSURER A : Crum & Forster Indemnity Company INSURER B : Old Dominion Insurance Company INSURER C : Associated Industries Insurance Company INSURER D : INSURER E : INSURER F :	
		NAIC # 31348 40231 23140 	

COVERAGES		CERTIFICATE NUMBER: 19-20 Liability		REVISION NUMBER:				
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.								
INSR LTR	TYPE OF INSURANCE	ADD'L INSRD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY	Y		EPK126530	04/22/2019	04/22/2020	EACH OCCURRENCE	\$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 50,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG	\$ 1,000,000
	OTHER:							\$
B	AUTOMOBILE LIABILITY			B2G9211A	04/22/2019	04/22/2020	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO		BODILY INJURY (Per person)				\$	
	<input type="checkbox"/> OWNED AUTOS ONLY	<input type="checkbox"/> SCHEDULED AUTOS	BODILY INJURY (Per accident)				\$	
	<input type="checkbox"/> HIRED AUTOS ONLY	<input type="checkbox"/> NON-OWNED AUTOS ONLY	PROPERTY DAMAGE (Per accident)				\$	
	<input type="checkbox"/> AUTOS ONLY	<input type="checkbox"/> AUTOS ONLY					\$	
A	UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB			EFX112596	04/22/2019	04/22/2020	EACH OCCURRENCE	\$ 2,000,000
	<input type="checkbox"/> OCCUR		AGGREGATE				\$ 2,000,000	
	<input type="checkbox"/> CLAIMS-MADE						\$	
	DED <input checked="" type="checkbox"/> RETENTION \$ 0							
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			AWC1129191	05/08/2019	05/08/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N <input checked="" type="checkbox"/> Y					E.L. EACH ACCIDENT	\$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
A	Professional Liability			EPK126530	04/22/2019	04/22/2020	Occurrence/Aggregate	\$1,000,000
	Contractors Pollution Liability						Occurrence/Aggregate	\$1,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)								
Per Policy Terms and Conditions. As indicated by "Y" in the "ADD'L INSRD" column, certificate holder is added as additional insured by written contract or written agreement, subject to terms, conditions and exclusions of the policy. **Additional Insured Palm Beach County Board of County Commissioners a Political Subdivision of the State of Florida it's Officers, Employees and Agents.								

CERTIFICATE HOLDER		CANCELLATION	
Palm Beach County Water Utilities Department c/o Director Utilities 8100 Forest Hill Boulevard West Palm Beach FL 33413		SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Kara M. Park	