



II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2025	2026	2027	2028	2029
Capital Expenditures	\$621,840	0	0	0	0
Operating Costs	0	0	0	0	0
External Revenues	0	0	0	0	0
Program Income (County)	0	0	0	0	0
In-Kind Match County	0	0	0	0	0
NET FISCAL IMPACT	\$621,840	0	0	0	0
# 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     

Is this item using Federal Funds? Yes      No X

Is this item using State 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:

Joony Sareman

III. REVIEW COMMENTS

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

ASD 6/6/25  
05 6/6/25 OFMB VS 616

Brands Mach 6/6/25  
Contract Development and Control  
26 6/6/25

B. Legal Sufficiency:

6/12/25  
Assistant County Attorney

C. Other Department Review:

\_\_\_\_\_  
Department Director

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

CONSULTANT SERVICES AUTHORIZATION NO. 8  
Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
*Utility Hydrogeologic Engineering Services*  
Resolution No. R2023-1782 Contract Dated December 5, 2023

**Project Title:** WTP No. 11 UFA Production Wells and RWM Design

**PBCWUD Project No.:** 25-030

**Consultant:** JLA Geosciences, Inc.

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

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

**District No.:** 6

*"This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced."*

This Consultant Services Authorization provides for: Professional Services for the design, permitting, and bidding assistance for up to two (2) Upper Floridan Aquifer (UFA) production wells and associated raw watermain (RWM) located at Palm Beach County Water Utilities Department (PBCWUD) Water Treatment Plant (WTP) No. 11, located in Belle Glade, Florida.

(See ATTACHMENT A for detailed scope of services)

The Contract provides for 89% SBE participation, which includes 9% MBE participation, 1% MBE (B), 8% MBE (A). This Consultant Services Authorization includes 45.84% overall participation which includes, 29.64% MBE participation, 17.64% MBE (B), and 12.00% MBE (A). The cumulative SBE participation, including this Consultant Services Authorization is 55.91%, which includes 22.94% MBE participation, 9.06% MBE (B), and 13.87% MBE (A).

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 \$ 621,839.60
- B. Fixed price of \$ 0.00
- C. Total \$ 621,839.60

4. This Authorization may be terminated, in whole or in part, by the County with or without cause in accordance with the Contract terms. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed to termination date, together with reimbursable expenses (if applicable) then due in accordance with the Contract terms. Consultant agrees to waive any and all claims for lost profits or anticipated future profits in the event of a termination with or without cause under this Contract.

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**PBCWUD Project No.:** 25-030

5. SBE participation is included in **ATTACHMENT C** under this Authorization. The attached Schedule 1 defines the SBE applied to this Authorization and Schedule 2 establishes the SBE contribution from each Sub-Consultant (Letter of Intent).
6. This Authorization does not amend, change, or modify the Contract dated December 5, 2023 which remains in full force and effect.
7. All Attachments to this Authorization are incorporated herein and made a part of this Consultant Services Authorization.

CONSULTANT SERVICES AUTHORIZATION NO. 8  
Palm Beach County Water Utilities Department  
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*Utility Hydrogeologic Engineering Services*  
Resolution No. R2023-1782 Contract Dated December 5, 2023

Project Title: WTP No. 11 UFA Production Wells and RWM Design

PBCWUD Project No.: 25-030

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

Joseph Abruzzo, Clerk of the Circuit Court  
& Comptroller, Palm Beach County

Palm Beach County, Board  
of County Commissioners

ATTEST:

Signed: \_\_\_\_\_

Typed Name: \_\_\_\_\_  
Deputy Clerk

Signed: \_\_\_\_\_

Maria Marino, Mayor

(Date)

Approved as to Form and Legal  
Sufficiency

Signed: \_\_\_\_\_

Typed Name: Michael W. Jones  
County Attorney

JLA Geosciences, Inc.  
(Consultant)

Julia I. Pavlock  
(Print Name)

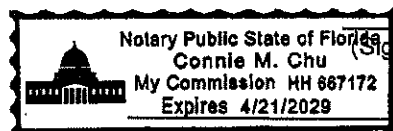
Julia I. Pavlock  
(Signature)

CFO  
(Title)

5/29/2025  
(Date)

STATE OF FLORIDA  
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization,  
this 29<sup>th</sup> day of May, 2025, by Julia I. Pavlock who is ☒ personally  
known to me or ☐ has produced \_\_\_\_\_ as identification.



Connie M. Chu  
(Signature of Notary Public - State of Florida)  
\_\_\_\_\_  
(Print, Type, or Stamp Commissioned Name of Notary Public)

CONSULTANT SERVICES AUTHORIZATION NO. 8  
Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
*Utility Hydrogeologic Engineering Services*  
Resolution No. R2023-1782 Contract Dated December 5, 2023

**LIST OF ATTACHMENTS**

<b>ATTACHMENT A</b>	Scope of Services
<b>ATTACHMENT B</b>	Summary and Status of Consultant Services Authorizations
<b>ATTACHMENT C</b>	OEBO Schedules 1 and 2
<b>ATTACHMENT D</b>	Project Schedule
<b>ATTACHMENT E</b>	Budget Summary
<b>ATTACHMENT F</b>	Summary of SBE-M/WBE Business Tracking
<b>ATTACHMENT G</b>	Location Map

ATTACHMENT A

SCOPE OF SERVICES

PBCWUD Project No.: 25-030

Project Title: WTP No. 11 UFA Production Wells and RWM Design

JLA Geosciences, Inc. (CONSULTANT) shall perform:

**Project Background:** Palm Beach County Water Utilities Department (PBCWUD) is undertaking a project to design and permit two (2) new Upper Floridan Aquifer (UFA) production wells for Water Treatment Plant (WTP) No. 11. The CONSULTANT will provide professional services including project coordination, surveying, geotechnical testing, well siting, hydraulic modeling, and design of the wells, wellheads, electrical systems, and raw water main. The scope also includes assistance with permitting through relevant agencies and support during the bidding phase.

- Task 1.0

**Project Meetings and administrative assistance during design, permitting and bidding**
- Task 1.1

Project Meetings and administrative assistance – The CONSULTANT shall prepare for and attend up to seven (7) project meetings with PBCWUD staff the following including:

  - One (1) preliminary scoping meeting;
  - One (1) project kickoff meeting;
  - Two (2) design meetings (including one (1) preliminary workshop meeting);
  - One (1) meeting with the School District of Palm Beach County (SDPBC);
  - One (1) permitting meeting with PBCWUD and regulatory agencies;
  - One (1) prebid meeting.

Meetings shall also be attended by SUB-CONSULTANTS (Kimley-Horn and Associates, Inc., and Hillers Electrical Engineering, Inc.).

This task will also include completing one (1) background check form for site access at the SDPBC well site.
- Task 1.2

The CONSULTANT shall coordinate with SUB-CONSULTANTS, provide communications with PBCWUD, review and pay invoices for approved SUB-CONSULTANTS services.

- Task 1.0 – Deliverables

- Meeting Agenda and Minutes for the above-referenced outlined meetings.
- Task 1.0 – Assumptions

- Bid related meetings, agenda and minutes as required, will be conducted by the PBCWUD. CONSULTANT will assist as needed.
  - Any applicable application fees for SDPBC badging shall be paid for by PBCWUD.

- Task 2.0 Preliminary Field Investigations and Review of Historical Data**
- Task 2.1 Review of record drawings, geographic information system (GIS) data** - The CONSULTANT shall review PBCWUD provided record drawings and GIS data prior to preparing design specifications.
- Task 2.2 Topographic Survey** –The CONSULTANT shall provide a topographical survey for the two (2) proposed well locations with a 150 foot radius from the wellhead of each selected well site, and along the 100 foot corridor for the proposed raw watermain (RWM) route. The survey shall include the following: location of visible fixed improvements within the proposed project limits/right-of-way, including physical objects, drainage swales, native trees, signs, fences, power poles; location of aboveground existing utilities; elevations obtained to indicate existing grades; location of PBCWUD located underground utilities – pipes, valves, etc.; and reference benchmarks. This task will include one (1) site visit to walk the potential route of the raw watermain.
- Task 2.3 Utilities Locates (Soft Digs)** – The CONSULTANT shall perform up to 20 subsurface utility locating at Quality Level A (QL-A). Exact test hole sites will be determined during the preliminary investigations
- Task 2.4 Soil borings** - The CONSULTANT shall provide professional services to perform a total of four (4) Standard Penetration Test (SPT) borings, two (2) at each of the proposed well locations, to a depth of 25 feet below the existing ground surface. This task will also include performing up to thirty (30) SPT borings to a depth of 15 feet below the existing ground surface along the proposed RWM route. Soil samples will be collected and classified using the Unified Soil Classification System (USCS). Laboratory tests will be performed to ascertain soil index properties (moisture content, Atterberg Limits, organic content, grain size, and percent fines) for the soils encountered in the boring. All tests will be performed in accordance with the relevant American Society for Testing and Materials (ASTM) test methods. A final report, signed and sealed by a registered professional engineer shall be provided following laboratory test completion.
- Task 2.5 Well Siting** - The CONSULTANT shall review flood maps (FIRM) and flood control elevations within the wells being modified to determine 100-yr flood elevations for each wellsite and adjust pad and/or wellhead flange and piping to accommodate vertical separation required by Florida Administrative Code (F.A.C.) 62-532 Water Well Permitting and Construction Requirements. The CONSULTANT shall review publicly available records to determine that the proposed well locations meet F.A.C. 62-532 setback distances. The CONSULTANT shall review and determine suitability of well locations to accommodate the horizontal separation requirements as required by FAC 62-532 Water Well Permitting and Construction Requirements.
- The CONSULTANT shall provide a brief technical memorandum summarizing results of the preliminary well recommendations.
- Task 2.6 Hydraulic Calculations** – The CONSULTANT shall create a raw water system hydraulic model to determine the size of the proposed raw watermain. The CONSULTANT shall utilize a PBCWUD provided information to determine if the existing raw watermains have the adequate capacity for the connection of the two (2) proposed wells. The model shall also be used to confirm the head requirements of the two (2) proposed well pumps. The CONSULTANT shall coordinate with vendors once the system curve is developed to select the pumps for both proposed wells.
- Task 2.7 Florida Power and Light (FPL) Coordination** – The CONSULTANT shall provide coordination with FPL for the design of the new electrical services at the two (2) proposed well sites including site coordination meetings.



### **Task 2.0 – Deliverables**

- Provide electronic signed and sealed registered land surveyor survey and drawing at 1-inch = 20-feet scale with information compatible with AutoCAD.
- Provide one (1), final, signed and sealed geotechnical report of performed soil boring work in electronic format (Portable Document File (PDF)).
- Provide electronic water model utilizing Infowater in original model format and PDF format.
- Provide one (1) electronic Well Siting technical memorandum in PDF format.

### **Task 2.0 – Assumptions**

- PBCWUD will provide well easement locations for well sites. Final well sites shall be determined, within the easement boundaries, by the CONSULTANT during design.
- PBCWUD shall provide water level, raw watermain GIS and pump information for the CONSULTANT to create a raw water model.
- PBCWUD shall provide all available historical data and PBCWUD standard engineering details to the CONSULTANT. A copy of available record drawings, in CAD format, depicting the layout construction and details of the existing RWM, will be furnished by the PBCWUD for the CONSULTANT'S use in preparing the design documents.
- The CONSULTANT is not providing easement assistance with property or easement acquisition, including boundary surveys, Ownership and Encumbrances (O&E) Investigations, appraisals, or land negotiations.
- Following completion of Task 2.0 services, additional changes to the project design scope of services may require a CSA supplement.

### **Task 3.0      Design Phase Services**

**Task 3.1      90% Design Specifications, Project Drawings and Opinion of Probable Cost -**  
The CONSULTANT shall prepare and submit to the PBCWUD 90% design phase specifications and drawings. This task shall include 90% technical specifications including front-end specifications, 90% electrical and mechanical project drawings, well construction specifications, rerouting of the onsite drainage canal, electrical and instrumentation, wellhead, well pad, pump, wellhead piping, valves, driveways, smart wellfield instrumentation, raw water main, bore for the FPL power drop, and appurtenances. The CONSULTANT shall also prepare an OPCC of construction cost estimate (Class 2) in accordance with AACE. The PBCWUD shall review the 90% specifications and provide comments in PBCWUD excel format. The CONSULTANT shall review and respond to the PBCWUD comments and utilize the agreed upon changes for the 100% design.

**Task 3.3      100% Design Specifications, Project Drawings -** Following completion of PBCWUD review 90% design work, the CONSULTANT shall prepare and submit to the PBCWUD 100% design phase specifications and drawings. This task shall include 100% technical specifications including front-end specifications, 100% and mechanical, civil, structural, electrical, and I&C project drawings, OPCC, and cost estimate (Class 2) for goal setting. The PBCWUD shall review the 90% specifications and provide comments in electronic format. The CONSULTANT shall review and respond to the PBCWUD comments and utilize the agreed upon changes for the conformed design (bid set).

### **Task 3.0 – Deliverables**

- 90% Design Specifications, OPCC, and Project Drawings – in electronic format (PDF) and word format.
- 90% Design Specifications comment matrix responses – in electronic excel format.
- 100% Design Specifications, OPCC, and Project Drawings – Digitally signed and sealed in electronic format (PDF) and word format.

### **Task 3.0 – Assumptions**

- All Design Phase Deliverables shall be submitted to the PBCWUD Project Manager.
- Following PBCWUD review, requested changes to specific design phase specifications shall be implemented during the subsequent design phase.
- Electronic files exchanged between the PBCWUD and the CONSULTANT will be in a format compatible with MS Office, Adobe Acrobat, and AutoCAD.
- The CONSULTANT has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs are based on the information known to CONSULTANT at this time and represent only the CONSULTANT's judgment as a design professional familiar with the construction industry. The consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.
- One (1) design package will prepared for the wells, wellheads and raw water main. Breaking out the project into separate packages shall be considered additional services.

### **Task 4.0      Permitting Assistance**

Task 4.1      **Permitting Assistance** - The CONSULTANT shall prepare documents and permit applications (FAC 62-555.900(1) for the RWM and each individual well for submittal to Palm Beach County Health Department (PBCHD). The CONSULTANT shall respond to up to two (2) reasonable requests for additional information from PBCHD. CONSULTANT shall communicate with South Florida Conservancy District (SFCD) to coordinate discharge of development water and diversion of the existing canal. The CONSULTANT shall prepare one (1) letter modification of the PBCWUD Water Use Permit (No. 50-06857-W) to address the finalized location and construction details of the UFA wells. The CONSULTANT will prepare and submit electronically a utility permit for the raw watermain within the Florida Department of Transportation (FDOT) right of way.

### **Task 4.0 – Deliverables**

- PBCHD permits: Two (2) signed and sealed full sized sets for the submittal.
- Letter modification of SFWMD permit No. 50-06857-W for wells PW-12 and PW-13 including updated Table A in electronic formation (PDF).
- FDOT Utility Permit: Electronic form through FDOT portal.

### **Task 4.0 – Assumptions**

- All permit application fees shall be paid by PBCWUD.

## **Task 5.0 Bidding Assistance**

Task 5.1 Bidding Assistance - The CONSULTANT shall prepare bid set documents and shall assist the PBCWUD with the bidding of the construction contract for the project. The CONSULTANT shall attend one (1) pre-bid meeting. The CONSULTANT shall review submitted contractor bids and prepare a written recommendation to the PBCWUD related to each of the two design packages. Review and provide responses for up to two (2) Requests for Information requests from Bidders for design package. Following completion of addenda, the CONSULTANT shall prepare a final conformed set of project specifications and project drawings for submittal to PBCWUD.

### **Task 5.0 – Deliverables**

- Digitally signed and sealed bid set Specifications and Project Drawings.
- Provide up to two (2) RFI responses in electronic format (PDF) for each design package.
- Bid Assessment Recommendation letter in electronic format (PDF).
- Digitally signed and sealed conformed set Specifications and Project Drawings.

### **Task 5.0 – Assumptions**

- It is assumed that bidding assistance will be performed concurrently with permitting.
- Electronic files exchanged between the PBCWUD and the CONSULTANT will be in a format compatible with MS Office, Adobe Acrobat, and AutoCAD.

## ATTACHMENT B

### SUMMARY AND STATUS OF CONSULTANT SERVICES AUTHORIZATIONS

Auth. No.	PBCWUD Project No.	Title	Status	Project Total Amount	SBE Total Amount	SBE Participation %	Approved By Date	
1	23-037	WTP No. 11 – Well PW-5 Modifications	Approved	\$88,631.53	\$55,143.52	62.21%	CRC	9/11/2024
2	24-020	Monitoring Well Installation	Approved	\$58,299.00	\$58,299.00	100.00%	CRC	8/14/2024
3	24-026	Hydrogeologic General Engineering Services	Approved	\$96,600.00	\$96,600.00	100.00%	CRC	9/11/2024
4	23-010	Wellfield Testing	Approved	\$114,833.98	\$114,833.98	100.00%	CRC	12/18/2024
5	24-031	WTP No. 3 Wellfield Improvements	Approved	\$1,585,643.36	\$812,219.36	51.22%	BCC	2/11/2024
6	22-040	Mechanical Integrity Testing	Approved	\$28,400.00	\$28,400.00	100.00%	Director	11/14/2024
7	23-011	Pump and Motor Evaluation Update	Pending	\$51,792.00	\$6,540.00	12.62%	Director	Pending
8	25-030	WTP No. 11 UFA Production Wells and RWM Design	Pending	\$621,839.60	\$285,101.60	45.84%	BCC	Pending

**ATTACHMENT C**

**OEBO SCHEDULE 1**

Office of Equal Business Opportunity Compliance Programs

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: WTP No. 11 UFA Production Wells and RVM Design SOLICITATION/PROJECT/BID NO.: WUD 25-030  
SOLICITATION OPENING/SUBMITTAL DATE: N/A COUNTY DEPARTMENT: Water Utilities Department

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT\* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: JLA Geosciences, Inc. ADDRESS: 1907 Commerce Lane, Suite 104, Jupiter Florida 33458

CONTACT PERSON: James L. Andersen, P.G. PHONE NO.: 561 746-0228 E-MAIL: JANDERSEN@JLAGEOSCIENCES.COM

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$100,740.00

\*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE MBE WBE SBE

"This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced."

Section B PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				<u>DOLLAR AMOUNT OR PERCENTAGE OF WORK</u>					
		<u>MBE</u>	<u>WBE</u>	<u>SBE</u>	Black	Hispanic	Women	Caucasian	Asian	Other
	<u>Non-SBE</u>	Minority Business	Women Business	Small Business						
1. Brown & Phillips, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$54,795.40					
2. Barnes Ferland & Associates, Inc	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$11,042.80					
3. WIRX Engineering LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$43,893.00					
4. Hillers Electrical Engineering, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					\$74,630.40	
5. Kimley-Horn and Associates, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$336,738.00
(Please use additional sheets if necessary)										
Total					\$109,731.20	\$0.00	\$0.00	\$100,740.00	\$74,630.40	\$336,738.00

Total Bid/Offer Price \$ 621,839.60

Total Certified S/M/WBE Participation \$ 285,101.60

I hereby certify that the above information is accurate to the best of my knowledge: James L. Andersen President, JLA Geosciences, Inc.  
Name & Authorized Signature Title

- Note:
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
  - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
  - Modification of this form is not permitted and will be rejected upon submittal.
  - If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation.

If you have experienced or witnessed a violation of the EBO Ordinance or would like to file a complaint, please scan the QR Code



**ATTACHMENT C**

**OEBO SCHEDULE 2**

Office of Equal Business Opportunity Compliance Programs

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. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 25-030  
SOLICITATION/PROJECT NAME: WTP No. 11 UFA Production Wells and RWM Design

Prime Contractor: JLA Geosciences, Inc. Subcontractor: \_\_\_\_\_  
(Check box(s) that apply)

☒SBE ☐WBE ☐MBE ☐M/WBE ☐Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 4/10/23-4/9/26

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

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input checked="" type="checkbox"/> Caucasian American <input type="checkbox"/> Supplier	
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> 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. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Hydrogeologic Consulting	\$621,839.60	1		\$621,839.60
	Commodity Codes: 91843, 91855, 92683, 96143, 96892		"This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced."		

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: \$100,740.00

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.

Brown & Phillips, Inc.; Barnes Ferland & Associates, Inc; WIRX Engineering LLC; Hillers Electrical Engineering, Inc.; Kimley-Horn and Associates Inc.	\$54,795.40; \$11,042.80; \$43,893.00; \$74,630.40; \$386,738.00
Name of 2 <sup>nd</sup> /3 <sup>rd</sup> tier Subcontractor/subconsultant	Price or Percentage: _____

JLA Geosciences, Inc.  
Print Name of Prime  
By: \_\_\_\_\_  
Authorized Signature  
James L. Andersen  
Print Name  
President  
Title  
Date: 5/29/2025

JLA Geosciences, Inc.  
Print Name of Subcontractor/subconsultant  
By: \_\_\_\_\_  
Authorized Signature  
James L. Andersen  
Print Name  
President  
Title  
Date: 5/29/2025



If you have experienced or witnessed a violation of the EBO Ordinance or would like to file a complaint, please scan the QR Code



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. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 25-030  
SOLICITATION/PROJECT NAME: WTP No. 11 UFA Production Wells and RWM Design

Prime Contractor: JLA Geosciences, Inc. Subcontractor: Brown & Phillips, Inc.  
(Check box(s) that apply)

☒SBE ☐WBE ☒MBE ☐M/WBE ☐Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 1/31/25-1/30/28

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

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input checked="" type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Caucasian American <input type="checkbox"/> Supplier

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Surveyor Services, Land	\$54,795.40	1		\$54,795.40
	Commodity Codes: 92586			"This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced."	

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: \$54,795.40

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.

<u>N/A</u> Name of 2 <sup>nd</sup> /3 <sup>rd</sup> tier Subcontractor/subconsultant	Price or Percentage: <u>N/A</u>
---	---------------------------------

JLA Geosciences, Inc.  
Print Name of Prime  
By: [Signature]  
Authorized Signature  
James L. Andersen  
Print Name  
President  
Title  
Date: 04/28/2025

Brown & Phillips, Inc.  
Print Name of Subcontractor/subconsultant  
By: [Signature]  
Authorized Signature  
John E. Phillips  
Print Name  
DP  
Title  
Date: 04/28/2025



If you have experienced or witnessed a violation of the EBO Ordinance or would like to file a complaint, please scan the QR Code

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. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 25-030  
SOLICITATION/PROJECT NAME: WTP No. 11 UFA Production Wells and RWM Design

Prime Contractor: JLA Geosciences, Inc. Subcontractor: Barnes Ferland & Associates, Inc.  
(Check box(s) that apply)

☒ SBE ☐ WBE ☒ MBE ☐ M/WBE ☐ Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 8/7/23 - 8/6/26

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

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input checked="" type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American <input type="checkbox"/> Supplier	
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> 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. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Utility Locator Service (Underground)	\$22,763.04	1		\$22,763.04
	Commodity Codes: 96291		"This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced."		

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: \$22,763.04

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.

<u>N/A</u>	Price or Percentage: <u>N/A</u>
Name of 2 <sup>nd</sup> /3 <sup>rd</sup> tier Subcontractor/subconsultant	

JLA Geosciences, Inc.  
Print Name of Prime  
By: [Signature]  
Authorized Signature  
James L. Andersen  
Print Name  
President  
Title  
Date: 4/29/2025

Barnes Ferland & Associates, Inc.  
Print Name of Subcontractor/subconsultant  
By: [Signature]  
Authorized Signature  
Willie E. Thomas  
Print Name  
President  
Title  
Date: 4/29/2025



OEBO LETTER OF INTENT – SCHEDULE 2

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SOLICITATION/PROJECT NUMBER: WUD 25-030

SOLICITATION/PROJECT NAME: WTP No. 11 UFA Production Wells and RWM Design

Prime Contractor: JLA Geosciences, Inc. Subcontractor: WIRX Engineering LLC

(Check box(s) that apply)

☒SBE ☐WBE ☒MBE ☐M/WBE ☐Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 4/17/23-4/16/26

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

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input checked="" type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Supplier

**S/M/WBE PARTICIPATION** – S/M/WBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Geotechnical Services	\$43,893.00	1		\$43,893.00
	Commodity Codes: 90742, 92545, 92546, 9121641		"This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced."		

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: \$43,893.00

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	Price or Percentage: <u>N/A</u>
Name of 2 <sup>nd</sup> /3 <sup>rd</sup> tier Subcontractor/subconsultant	

JLA Geosciences, Inc.

Print Name of Prime

By: [Signature]

Authorized Signature

James L. Andersen

Print Name

President

Title

Date: 04/28/2025

WIRX Engineering LLC

Print Name of Subcontractor/subconsultant

By: [Signature]

Authorized Signature

Andrew Nixon, PE

Print Name

Managing Partner

Title

Date: 04/28/2025



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Revised 09/26/2024

OEBO LETTER OF INTENT – SCHEDULE 2

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SOLICITATION/PROJECT NUMBER: WUD 25-030  
SOLICITATION/PROJECT NAME: WTP No. 11 UFA Production Wells and RWM Design

Prime Contractor: JLA Geosciences, Inc. Subcontractor: Hillers Electrical Engineering, Inc.  
(Check box(s) that apply)

☒ SBE ☐ WBE ☒ MBE ☐ M/WBE ☐ Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/17/24-10/16/27

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

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input checked="" type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American <input type="checkbox"/> Supplier	
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

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Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Electrical Engineering Consulting	\$74,630.40	1		\$74,630.40
	Commodity Codes: 9253130, 92557, 95826, 96848, 92522		<del>"This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced."</del>		

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: \$74,630.40

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.

<u>N/A</u>	Price or Percentage: <u>N/A</u>
Name of 2 <sup>nd</sup> /3 <sup>rd</sup> tier Subcontractor/subconsultant	

JLA Geosciences, Inc.  
Print Name of Prime  
By: [Signature]  
Authorized Signature  
James L. Andersen  
Print Name  
President  
Title  
Date: 05/29/2025

Hillers Electrical Engineering, Inc.  
Print Name of Subcontractor/subconsultant  
By: [Signature]  
Authorized Signature  
Paul F. Hillers  
Print Name  
President  
Title  
Date: 05/29/2025



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OEBO LETTER OF INTENT – SCHEDULE 2

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SOLICITATION/PROJECT NUMBER: WUD 25-030  
SOLICITATION/PROJECT NAME: WTP No. 11 UFA Production Wells and RWM Design

Prime Contractor: JLA Geosciences, Inc. Subcontractor: Kimley-Horn and Associates Inc.  
**(Check box(s) that apply)**

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

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

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input checked="" type="checkbox"/> Caucasian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Supplier

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Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Engineering Consulting	\$336,738	1		\$336,738
	Commodity Codes: 92597, 92567, 92517		"This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced."		

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: \$336,738

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.

<u>N/A</u> Name of 2 <sup>nd</sup> /3 <sup>rd</sup> tier Subcontractor/subconsultant	Price or Percentage: <u>N/A</u>
---	---------------------------------

JLA Geosciences, Inc.  
Print Name of Prime  
By: [Signature]  
Authorized Signature  
James L. Andersen  
Print Name  
President  
Title  
Date: 5/28/2025

Kimley-Horn and Associates Inc.  
Print Name of Subcontractor/subconsultant  
By: [Signature]  
Authorized Signature  
Lance Littrell, P.E.  
Print Name  
Vice President  
Title  
Date: 5/28/2025



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ATTACHMENT D

PROJECT SCHEDULE

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

<u>Engineering Services</u>		<u>Completion Date from Notice to Proceed</u> (Calendar Days)
Task 1.0	Project Meetings and administrative assistance during design, permitting and bidding	254 days
Task 2.0	Preliminary Field Investigations and Review of Historical Data	44 days
Task 3.0	Design Phase Services	134 days
Task 4.0	Permitting Assistance	254 days
Task 5.0	Bidding Assistance	254 days

ATTACHMENT E	BUDGET SUMMARY
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Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
Resolution No. R2023-1792  
Consultant Services Authorization No.: 2  
Consultant: JLA Geosciences, Inc.  
Project Title: WTP No. 11 UFA Production Wells and RWM Design  
PBCWUD Project No.: 25-030  
Contract Dated December 5, 2023

Task No.	Task Description	Principal / Corp. Officer	Senior Hydrn I	Senior Hydrn II	Senior Hydrn III	Hydrn I	Hydrn II	Hydrn III	Tech Model	Hydrn I	Hydrn II	Hydrn III	Admin	Project	Hydrn I	Hydrn II	Hydrn III	Sub	TASK TOTAL
1.0	Project Meetings and administrative assistance during design																		
1.1	Project Meetings and administrative assistance during design																		
1.2	Coordination with subcontractors and PCO/MND																		
	Subcontractor - Kinney-Horn and Associates, Inc.																		
	Subcontractor - Hilliers Electrical Engineering, Inc.																		
	Subcontractor - Brown & Phillips, Inc.																		
2.0	Preliminary Field Investigations and Review of Historical Data																		
2.1	Review of record drawings, GIS																		
2.2	Topographic Survey																		
2.3	Utilities Location (soil Dig)																		
2.4	Soil Borings																		
2.5	Well String																		
2.6	Hydraulic Model for RVM																		
	Subcontractor - Kinney-Horn and Associates, Inc.																		
	Subcontractor - Hilliers Electrical Engineering, Inc.																		
	Subcontractor - BEA Environmental Consultants																		
	Subcontractor - BFA Environmental Consultants																		
	Subcontractor - Brown & Phillips, Inc.																		
3.0	Design Phase Services																		
	90% Design, Technical Specifications, Option of Probable Cost.																		
	Drawings																		
	Final Design, Technical Specifications, Option of Probable Cost																		
	Drawings																		
	Subcontractor - Kinney-Horn and Associates, Inc.																		
	Subcontractor - Hilliers Electrical Engineering, Inc.																		
	Subcontract Task 3																		
4.0	Permitting Assistance																		
	Provide permitting assistance.																		
	Subcontractor - Kinney-Horn and Associates, Inc.																		
	Subcontractor - Hilliers Electrical Engineering, Inc.																		
	Subcontract Task 4																		
5.0	Bidding Assistance																		
	Provide bidding assistance for two design packages, RFI, bid recommendation.																		
	Subcontractor - Kinney-Horn and Associates, Inc.																		
	Subcontractor - Hilliers Electrical Engineering, Inc.																		
	Subcontract Task 5																		
	Labor Subtotal Hours																		
	Labor Hourly Billing Rates																		
	Labor Raw Costs																		
	Labor Multiplier																		
	Labor Subtotal																		
	Labor Total																		
	Message/DOC																		
	Subcontractant Total																		
	Project Total																		

<sup>a</sup> Margins calculated based on current US Informal Revenue Service standard rates

ATTACHMENT 'A' (page 1 of 2)

PBCWUD Water Treatment Plant (WTP) 11 Expansion Project  
Two New Well Sites and the Raw Water Main Route

Type of Survey: Topographic  
Size: 150' Radius  
Date: April 14, 2025

TASK - Well Site PW-12	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination					
Horizontal Project Network Control	2		1	0.5	Set Control
Vertical Project Network Control	2		0.5		Establish onsite benchmarks
Tie In Improvements and Cross Sections	8		2		All above ground features, 50' cross sections & spot elevations,
Drawing		8	3	1	Prepare topographic survey
Total Hours:	12	8	6.5	1.5	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$607.20	\$248.00	\$201.50	\$63.00	
Total Labor Cost (unloaded):					\$1,119.70
Multiplier:					3.00
Total Labor Cost (loaded) PW-12:					\$3,359.10

TASK - Well Site PW-13	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination					
Horizontal Project Network Control	2		1	0.5	Set control
Vertical Project Network Control	2		0.5		Establish onsite benchmarks
Tie In Improvements and Cross Sections	8		2		All above ground features, 50' cross sections & spot elevations,
Drawing		8	3	1	Prepare topographic survey
Total Hours:	12	8	6.5	1.5	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$607.20	\$248.00	\$201.50	\$63.00	
Total Labor Cost (unloaded):					\$1,119.70
Multiplier:					3.00
Total Labor Cost (loaded) PW-13:					\$3,359.10

TOTAL PRICE FOR BOTH WELL SITES: \$6,718.20



Type of Survey: Route Topographic

Size: 1.4 miles / 0.5 miles

Date: April 14, 2025

TASK - RWM Route	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				2	
Horizontal Project Network Control	16		2	1	Find control.
Set up R/W			30	8	Review/compile right-of-way per plats
Vertical Project Network Control	30		4	1	Set benchmarks along corridor
Subdivision & Property Ties	18		6	2	Tie in adjoining property corners
Tie In Improvements and Cross Sections	140		20	6	All above ground features, including native trees 4" or greater, 100' cross sections & spot elevations,
Drawing		60	16	6	Prepare route topographic survey
Total Hours:	204	60	78	26	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$10,322.40	\$1,860.00	\$2,418.00	\$1,092.00	
Total Labor Cost (unloaded):					\$15,692.40
Multiplier:					3.00
Total Labor Cost (loaded) RWM Route:					\$47,077.20

GRAND TOTAL:

\$53,795.40

TASK - Optional RWM Route	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				1	
Horizontal Project Network Control	8				Find control.
Set up R/W			10	2	Review/compile right-of-way per plats
Vertical Project Network Control	12		2		Set benchmarks along corridor
Subdivision & Property Ties	6		4	1	Tie in adjoining property corners
Tie In Improvements and Cross Sections	60		16	4	All above ground features, including native trees 4" or greater, 100' cross sections & spot elevations,
Drawing		30	8	3	Prepare route topographic survey
Total Hours:	86	30	40	11	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$4,351.60	\$930.00	\$1,240.00	\$462.00	
Total Labor Cost (unloaded):					\$6,983.60
Multiplier:					3.00
Total Labor Cost (loaded) RWM Route:					\$20,950.80

TOTAL FOR OPTIONAL SERVICES:

\$20,950.80

GRAND TOTAL INCLUDING OPTIONAL SERVICES:

\$74,746.20

Project: PBCWUD WTP No. 11

Date: April/10/2025

Firm: Barnes Ferland and Associates

**PBCWUD WTP No. 11 - RWM & New Well Sites - Utility Location Quality Level A SUE**

Rani K. Smith, P.G. - Principal Hydrogeologist, JLA Geosciences, Inc.

			SUE Crew (3 Person)		Total Salary Costs	Total Hours	Remarks
			\$217.14	(Rate)			
		Task	Hrs	Cost			
	a.	Utility Designation	20.0	\$4,342.80	\$4,342.80	20	
		SubTotal	20	\$4,342.80	\$4,342.80	20.0	
		Utility Test Holes					
	a.	Pervious Digs (Grass and Dirt Areas, etc...) Nineteen (19) @ \$650 each			\$5,850.00		
	b.	Impervius Digs (Concrete and Paved Areas, etc...) one (1) @ \$850 each			\$850.00		
		Sub Total			\$6,700.00		
		TOTAL	20	\$4,342.80	\$11,042.80	20.0	



Attachment A - Fee Breakdown

PBCWUD WTP 11 - Expansion Project  
Palm Beach County, Florida  
WIRX Proposal No.: 25-P-037

	Qty	Unit	Unit Price	Total
<b>1.0 FIELD EXPLORATION</b>				
1.1 <u>Field &amp; Utility Coordination</u>				
1.1.1 Project Engineer	12	Hour	\$ 165.00	\$ 1,980.00
1.2 <u>Equipment Mobilization</u>				
1.2.1 ATV/Track Mount (51-100 Miles)	1	Each	\$ 750.00	\$ 750.00
1.2.2 Support Vehicle	5	Day	\$ 275.00	\$ 1,375.00
1.3 <u>SPT Borings (4 to 25' &amp; 20 to 15')</u>				
1.3.1 Standard Penetration Tests (0' - 50')	400	Foot	\$ 22.00	\$ 8,800.00
1.3.2 Temporary Casing (0' - 50')	400	Foot	\$ 12.00	\$ 4,800.00
1.3.3 Borehole Grouting (0' - 50')	400	Foot	\$ 9.00	\$ 3,600.00
1.4 <u>Supervision &amp; Logging (5 days)</u>				
1.4.1 Staff Engineer	50	Hour	\$ 135.00	\$ 6,750.00
<b>TOTAL FIELD WORK</b>				<b>\$ 28,055.00</b>
<b>2.0 LABORATORY TESTING SERVICES</b>				
2.1 Project Engineer	6	Hour	\$ 165.00	\$ 990.00
2.2 Moisture Content - 2 per boring	48	Test	\$ 25.00	\$ 1,200.00
2.3 Fines Content - 1 per boring	24	Test	\$ 55.00	\$ 1,320.00
2.4 Organic Content - 1 per boring	24	Test	\$ 65.00	\$ 1,560.00
<b>TOTAL LABORATORY SERVICES</b>				<b>\$ 5,070.00</b>
<b>3.0 PROFESSIONAL ENGINEERING AND REPORTING SERVICES</b>				
3.1 Senior Engineer	8	Hour	\$ 185.00	\$ 1,480.00
3.2 Project Engineer	16	Hour	\$ 165.00	\$ 2,640.00
3.3 Staff Engineer	40	Hour	\$ 135.00	\$ 5,400.00
3.4 CADD Operator	16	Hour	\$ 78.00	\$ 1,248.00
<b>TOTAL PROFESSIONAL SERVICES</b>				<b>\$ 10,768.00</b>
<b>TOTAL AMOUNT</b>				<b>\$ 43,893.00</b>

		Labor Classification and Hourly Rate					
Task Number	Task Description	Project Manager	Lead Engineer	Const. Coord	Programmer	Secretarial	TASK TOTAL
1.0	Project Meetings and Administrative Assistance during Design, Permitting and Bidding						
	Project Meetings/Workshop and administrative assistance; PBCSB badging	8	24				
	Coordination with subconsultants and PBCWUD	4	8				
	Subtotal Task 1	12	32	0	0	0	\$ 8,276.32
2.0	Preliminary Field Investigations and Review of Historical Data						
	Review of record drawings, GIS	6	10				
	Well Siting including Draft Tech Memo, Review Comment Responses, Final Tech Memo	6	20				
	FPL Coordination	6	20				
	Subtotal Task 2	18	50	0	0	0	\$ 12,743.38
3.0	Design Phase Services						
	90% Design: Technical Specifications, Opinion of Probable Cost; Drawings	32	146			5	
	Final Design: Technical Specifications, Opinion of Probable Cost; Drawings	12	54			3	
	Subtotal Task 3	44	200	0	0	8	\$ 44,658.64
4.0	Permitting Assistance						
	Provide permitting assistance	8	8				
	Subtotal Task 4	8	8	0	0	0	\$ 3,324.88
5.0	Bidding Assistance						
	Provide bidding assistance for two design packages; RFIs; bid recommendation	8	22				
	Subtotal Task 5	8	22	0	0	0	\$ 5,627.18
	Labor total Hours	90	312	0	0	8	
	Labor Hourly Billing Rates	\$ 251.16	\$ 164.45	\$ 140.53	\$ 164.45	\$ 89.70	
	Labor Raw Costs	\$84.00	\$55.00	\$47.00	\$55.00	\$30.00	
	Labor Multiplier	2.99	2.99	2.99	2.99	2.99	
	Labor Total	\$ 22,604.40	\$ 51,308.40	\$ -	\$ -	\$ 717.60	
	Total						\$74,630.40

PROJECT: WTP No. 11 UFA Production Wells and RWM Design							SHEET 1 OF 1		
CLIENT: Palm Beach County Water Utilities Department							FILE NO.		
KHA PM: Bert King							DATE: 4/28/2025		
BASIS FOR ESTIMATE: KHA Hourly Rates									
DESCRIPTION:							DIRECT LABOR (MAN-HOURS)		
	WTP No. 11 UFA Production Wells and RWM Design	Q/C	Senior	Professional	Designer	Engineering	Support	Total	Dir Exp
		Principal	PROJ MGR			Intern	Staff	Labor Hours	LINE
						Analyst			TOTAL
NO.	TASK	\$300.00	\$300.00	\$255.00	\$231.00	\$165.00	\$180.00		
		\$100.00	\$100.00	\$85.00	\$77.00	\$55.00	\$60.00		
		3.00	3.00	3.00	3.00	3.00	3.00		
1.0	Project Meetings and Administrative Assistance during design, permitting, and bidding:								
	Project Meetings (kickoff, workshop, 90%, 100%, permitting and prebid)		6	24		24	6	60	\$12,960.00
	Project coordination		6	24			10	40	\$9,720.00
	Background Check Application/Fingerprinting	2	2	4		2	8	18	\$3,990.00
	Subtotal								\$26,670.00
2.0	Preliminary Testing								
2.1	Review of record drawings and GIS			4			1	5	\$1,200.00
2.2	Topographic Survey Review	2	4	24	12	20	2	64	\$14,352.00
2.3	Utility Locates (Soft Digs) Review		2	4			1	7	\$1,800.00
2.4	Geotech Boring Review	1	2	4			1	8	\$2,100.00
2.5	Well Siting (FAC Sorbacks)	2	4	24		44	1	75	\$15,360.00
2.6	Hydraulic Model	1	4	24		40		69	\$14,220.00
	Vendor coordination	1	4	16			1	22	\$5,760.00
	Subtotal								\$54,792.00
3.0	Design								
3.1	90% Design								
	Specifications	2	30	40		60	2	134	\$30,060.00
	Drawings (~33 sheets)	16	50	110	160	240	8	584	\$125,850.00
	OPC	2	12	40		40	1	95	\$21,180.00
3.2	Final Design								
	Specifications	1	6	20			1	28	\$7,380.00
	Drawings (~33 sheets)	4	18	36	50	70	2	180	\$39,240.00
	PBCWUD Comment Matrix Responses	2		8			1	11	\$2,820.00
	OPC	1	6	8		12	1	28	\$6,300.00
	Subtotal								\$232,830.00
4.0	Permitting Phase								
	PBCHD Submittal's		3	9		12	3	27	\$5,715.00
	PBCHD RAI (2 per submittal)		3	9			1	13	\$3,375.00
	FDOT Utility Permit		2	6		6	1	15	\$3,300.00
	QA/QC	1						1	\$300.00
	Subtotal								\$12,690.00
5.0	Bid Phase								
	Addendum questions		2	4			2	8	\$1,980.00
	Conformed Drawings		2	4	16		2	24	\$5,676.00
	Bid Review		2	4			1	7	\$1,800.00
	QA/QC	1						1	\$300.00
	Subtotal								\$9,756.00
	LABOR SUBTOTAL HOURS	39	170	450	238	570	37	1524	
	RAW LABOR (\$/HOUR)	\$100.00	\$100.00	\$85.00	\$77.00	\$55.00	\$60.00		
	LABOR MULTIPLIER	3.00	3.00	3.00	3.00	3.00	3.00		
	LABOR (\$/HOUR)	\$300.00	\$300.00	\$255.00	\$231.00	\$165.00	\$180.00		
	SUBTOTAL	\$11,700	\$51,000	\$114,750	\$54,978	\$94,050	\$10,260		\$336,738.00

ATTACHMENT F

Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
Utility Hydrogeologic Engineering Services

Resolution No. R2023-1782 Contract Dated 12/5/2023

SUMMARY OF  
SBE-M/WBE BUSINESS TRACKING

Master Contract Goals	SBE: 89.00%	MBE: 9.00%	MBE (A): 8.00%	MBE (B): 1.00%
Current Proposal				
Value of Authorization No. <u>8</u>	\$ 621,839.60			
Value of SBE-M/WBE Letters of Intent	\$ 285,101.60	\$ 184,361.60	\$ 74,630.40	\$ 109,731.20
Actual Percentage	45.84%	29.64%	12.00%	17.64%
Signed/Approved Authorizations				
Total Value of Authorizations	\$ 1,972,407.87			
Total Value of SBE-M/WBE Signed Subcontractors	\$ 1,165,495.86	\$ 410,835.88	\$ 285,401.48	\$ 125,434.40
Actual Percentage	59.09%	20.82%	14.46%	6.35%
Signed/Approved Authorizations Plus Current Proposal				
Total Value of Authorizations	\$ 2,594,247.47			
Total Value of Subcontractors & Letters of Intent	\$ 1,450,597.46	\$ 595,197.48	\$ 360,031.88	\$ 235,165.60
Actual Percentage	55.91%	22.94%	13.87%	9.06%

“This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced.”

ATTACHMENT G

Location Map

PBCWUD Project No. 25-030



Revised 06-12-24

## SUBCONSULTANT PROPOSALS



**BROWN &  
PHILLIPS**



April 14, 2025

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

**Re: PBCWUD Water Treatment Plant (WTP) 11 Expansion Project (Belle Glade)  
Topographic Surveys for Two New Well Sites and the Raw Water Main Route**

Dear Rani:

Thank you for the opportunity to provide you with the following services for the subject site. This proposal is based on documentation and information provided by your office. The scope of services is as follows:

#### **SCOPE OF SERVICES**

##### **I. HORIZONTAL PROJECT NETWORK CONTROL**

The survey will be oriented to Palm Beach County horizontal control (NAD 83/11 Adjustment). We will obtain the sectional and geodetic control information from the Palm Beach County Survey Department.

##### **II. VERTICAL PROJECT NETWORK CONTROL**

A level run will be performed onsite using the existing Palm Beach County benchmarks (NAVD 1988). At least two benchmarks will be set onsite.

##### **III. TOPOGRAPHIC SURVEY**

We will perform a topographic survey for two (2) new well sites (PW-12 and PW-13) and the raw water main (RWM) route. We are proposing a 150-foot radius from the wellhead of each new well site for survey and a 100' corridor for the RWM route (50' from the crown of road in either direction). The survey shall include the following: Location of visible fixed improvements within the proposed project limits/right-of-way, including physical objects, drainage swales, native trees, signs, fences, power poles; location of above-ground existing utilities; Elevations obtained to indicate existing grades; location of underground utilities (flagged in the field by Palm Beach County) – pipes, valves, etc.; and reference benchmarks. RWM route is shown in red on Attachment 'B'.

If it is necessary to route the RWM through to the north, we will perform a route topographic survey for the area in green on Attachment 'B' with the same slope as noted above.

1860 Old Okeechobee Road • Suite 509 • West Palm Beach, Florida 33409

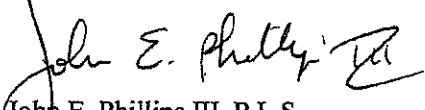
(561) 615-3988 • Fax (561) 615-3991

M:\PROPOSALS\BY COMPANY\JLA Geosciences\PBCWUD WTP 11 Expansion\PBCWUD WTP 11 Expansion - RWM route topo survey and 2 well sites topo survey.doc

IV. CLOSURE

A drawing will be produced which will show all the features located. We propose to provide JLA Geosciences, Inc. with a digitally signed PDF, hard copies, and an AutoCAD file in the version requested. We will perform the scope of services for a **lump sum fee of \$53,795.40** (\$6,718.20 for PW-12 and PW-13 [\$3,359.10 each], and \$47,077.20 for the RWM Route, **plus \$20,950.80 for Optional Services** of the optional RWM Route), see Attachment 'A' for an hourly breakdown. Any additional work will be done on an hourly basis as approved by you. Please do not hesitate to call me with any questions you might have regarding this proposal. We look forward to working with you on this project.

**Brown & Phillips, Inc.**

  
John E. Phillips III, P.L.S.  
Principal

Attachment

JEP/mb

This Proposal accepted this \_\_\_\_ day of \_\_\_\_\_, 2025

By: \_\_\_\_\_

**JLA Geosciences, Inc.**

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

ATTACHMENT 'A' (page 1 of 2)

PBCWUD Water Treatment Plant (WTP) 11 Expansion Project  
Two New Well Sites and the Raw Water Main Route

Type of Survey: Topographic  
Size: 150' Radius  
Date: April 14, 2025

TASK - Well Site PW-12	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination					
Horizontal Project Network Control	2		1	0.5	Set Control
Vertical Project Network Control	2		0.5		Establish onsite benchmarks
Tie In Improvements and Cross Sections	8		2		All above ground features, 50' cross sections & spot elevations,
Drawing		8	3	1	Prepare topographic survey
Total Hours:	12	8	6.5	1.5	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$607.20	\$248.00	\$201.50	\$63.00	
Total Labor Cost (unloaded):					\$1,119.70
Multiplier:					3.00
Total Labor Cost (loaded) PW-12:					\$3,359.10

TASK - Well Site PW-13	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination					
Horizontal Project Network Control	2		1	0.5	Set control
Vertical Project Network Control	2		0.5		Establish onsite benchmarks
Tie In Improvements and Cross Sections	8		2		All above ground features, 50' cross sections & spot elevations,
Drawing		8	3	1	Prepare topographic survey
Total Hours:	12	8	6.5	1.5	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$607.20	\$248.00	\$201.50	\$63.00	
Total Labor Cost (unloaded):					\$1,119.70
Multiplier:					3.00
Total Labor Cost (loaded) PW-13:					\$3,359.10

TOTAL PRICE FOR BOTH WELL SITES: \$6,718.20

Type of Survey: Route Topographic  
Size: 1.4 miles / 0.5 miles  
Date: April 14, 2025

TASK - RWM Route	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				2	
Horizontal Project Network Control	16		2	1	Find control.
Set up R/W			30	8	Review/compile right-of-way per plats
Vertical Project Network Control	30		4	1	Set benchmarks along corridor
Subdivision & Property Ties	18		6	2	Tie in adjoining property corners
Tie In Improvements and Cross Sections	140		20	6	All above ground features, including native trees 4" or greater, 100' cross sections & spot elevations,
Drawing		60	16	6	Prepare route topographic survey
Total Hours:	204	60	78	26	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$10,322.40	\$1,860.00	\$2,418.00	\$1,092.00	
Total Labor Cost (unloaded):					\$15,692.40
Multiplier:					3.00
Total Labor Cost (loaded) RWM Route:					\$47,077.20

GRAND TOTAL: \$53,795.40

TASK - Optional RWM Route	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				1	
Horizontal Project Network Control	8				Find control.
Set up R/W			10	2	Review/compile right-of-way per plats
Vertical Project Network Control	12		2		Set benchmarks along corridor
Subdivision & Property Ties	6		4	1	Tie in adjoining property corners
Tie In Improvements and Cross Sections	60		16	4	All above ground features, including native trees 4" or greater, 100' cross sections & spot elevations,
Drawing		30	8	3	Prepare route topographic survey
Total Hours:	86	30	40	11	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$4,351.60	\$930.00	\$1,240.00	\$462.00	
Total Labor Cost (unloaded):					\$6,983.60
Multiplier:					3.00
Total Labor Cost (loaded) RWM Route:					\$20,950.80

TOTAL FOR OPTIONAL SERVICES: \$20,950.80

GRAND TOTAL INCLUDING OPTIONAL SERVICES: \$74,746.20

Attachment 'B'



BARNES  
FERLAND &  
ASSOCIATES



Thursday, April 10, 2025

Rani K. Smith, P.G.  
Principal Hydrogeologist  
JLA Geosciences, Inc.  
1907 Commerce Lane, Suite 104  
Jupiter, Florida 33458

**Re: Palm Beach County Water Utility Department WTP No. 11 - RWM & New Well Sites  
Utility Location Quality Level A SUE**

Dear Mr. Smith,

In response to the request from JLA Geosciences, Inc., we are pleased to submit our proposal for Utility Location Services at Palm Beach County's Water Treatment Plant No. 11. Barnes, Ferland & Associates, Inc. (BFA) will provide these services based on the information received from Rani K. Smith of JLA Geosciences, Inc. on April 9, 2025, BFA will perform twenty (20) test holes to locate utilities at Quality Level A within the area shown below.

**Scope of Services:**

**Utility Location**

Excavations are included in this proposal up to twenty (20) test holes, consisting of nineteen (19) pervious digs and one (1) impervious dig. All test holes will be staked and graded by Barnes, Ferland and Associates, Inc. Excavations will provide the horizontal and vertical location of the utility as well as the size, type, material and general condition of the utility. A detailed Test Hole Report will be made for the excavation that will show a semi-permanent mark set directly above the utility for survey location. The sketch will show the measurement from the mark to the top of the utility with reference ties to nearby features to aid in the recovery of the mark. All other information obtained will also be in the sketch or Civil 3D drawing.

Sunshine 811 will be contacted for a location ticket prior to excavation as required by Florida Statute 556.106. This should result in utilities being designated (marked) by the appropriate utility company. BFA will perform additional designation to verify utility markings by others and identify any that are not marked.

**1230 Hillcrest Street • Orlando, Florida 32803  
Office (407) 896-8608 • Fax (407) 896-1822**



Please see attached Exhibit "A" Limitations regarding underground utilities.

**Project Datum**

The horizontal datum will be the Florida State Plane Coordinate System, East Zone, NAD 83/2011. Elevations will be in North American Vertical Datum of 1988 (NAVD 88).

**Deliverables**

Test Hole Reports.

**Fee Estimate: \$11,042.80**

See the attached spreadsheet for the **Lump-sum** fee estimate to provide you with the above-described Scope of Services and Deliverables.

**Schedule**

We are prepared to commence work within ten (10) working days of written notice to proceed.

Please let us know if you have any questions or concerns.

Sincerely,

---

Esteban Jimenez-Colon, P.S.M.  
Vice President

Accepted this \_\_\_\_ day of \_\_\_\_\_, 20\_\_

Signature/Printed Name: \_\_\_\_\_

***BFA***



## **Exhibit “A” Limitations**

Subsurface Utility Engineering (SUE) services are utilized to identify and document the underground utility installations as stipulated in the scope of services and by contractual agreement. As in all disciplines, there are limitations of equipment, technology, and personnel. The following describes, but is not limited to, the limitations usually encountered.

- Impervious subsurface material: Rock, below a depth of 3 feet. BFA will use pneumatic techniques to remove rock and pavement up to a depth of 3 feet. Below that depth we will rely solely on remote sensing and disclaim definitive results.
- Groundwater: BFA will make every reasonable attempt to definitively identify depth, size and type of underground utilities where groundwater is present. There are situations where groundwater will make visual inspection impracticable. We will use manual sensing to make the most reasonable measurements under these conditions, but it is understood that without direct visual confirmation the measurements and characteristics are limited to ‘closely approximate’.
- Depth: Direct visual observation is limited to 7 feet under ideal conditions and diminishes as conditions deteriorate. Below 7 feet manual sensing is used to determine physical characteristics. Size by manual sensing is generally reliable, but the physical characteristics (type) of utility is dependent on too many variables to be considered definitive.
- There may be utilities that do not transmit electronic signals, that have not been made known to BFA, or that have no evidence at or above ground level. These utilities may not be detected or located.
- Ownership of underground utilities is not evident by observation of the buried utility. Every reasonable attempt will be made to determine ownership. Subsurface Utility Engineering (SUE) services do not include sanitary sewer installations/structures (gravity), or storm water lines/structures (gravity). However, the location of these utilities may be negotiated as a specific additional service.
- Consultant or Client Instructions: The Consultant or the Client may, from time to time, issue instructions or modify the scope of work. Any such instructions or modifications will be written and accepted by both parties prior to implementation.

If the Consultant or Client has plans, surveys, or other documentation that might assist in determining what utilities are present, they will be provided. As part of the Quality Assurance process, completed plans showing data derived from BFA’s services will be submitted for review and confirmation if requested.

BFA’s services are intended as an aid to the designers of this project, and it may affect actual construction operations. The information provided by BFA is based, in part, upon data furnished by utility owners and their representatives, or by the Consultant or Client.



Project: PBCWUD WTP No. 11

Date: April/10/2025

Firm: Barnes Ferland and Associates

**PBCWUD WTP No. 11 - RWM & New Well Sites - Utility Location Quality Level A SUE**

Rani K. Smith, P.G. - Principal Hydrogeologist, JLA Geosciences, Inc.

			SUE Crew (3 Person)		Total Salary Costs	Total Hours	Remarks
			\$217.14	(Rate)			
		Task	Hrs	Cost			
	a.	Utility Designation	20.0	\$4,342.80	\$4,342.80	20	
		SubTotal	20	\$4,342.80	\$4,342.80	20.0	
		Utility Test Holes					
	a.	Pervious Digs (Grass and Dirt Areas, etc...) Nineteen (19) @ \$650 each			\$5,850.00		
	b.	Impervius Digs (Concrete and Paved Areas, etc...) one (1) @ \$850 each			\$850.00		
		Sub Total			\$6,700.00		
		TOTAL	20	\$4,342.80	\$11,042.80	20.0	

# WIRX ENGINEERING



April 28, 2025

**JLA Geosciences, Inc.**  
1907 Commerce Lane, Suite 104  
Jupiter, Florida 33458

**Attention: Rani K. Smith, P.G.**  
Email: [rsmith@jlageosciences.com](mailto:rsmith@jlageosciences.com)

**Subject: Proposal for Geotechnical Engineering Services  
PBCWUD WTP 11 - Expansion Project  
Palm Beach County, Florida  
WIRX Proposal No.: 25-P-037**

Dear Rani K. Smith, P.G.,

WIRX Engineering, LLC (WIRX) is pleased to submit this proposal for the above-referenced project. We understand that it is proposed to construct two (2) new Floridan wells for the Belle Glade Water Treatment Plant, which includes approximately 10,200 feet of a watermain pipeline. This proposal presents our proposed scope of work and establishes our schedule and fee for performing the work.

#### **SCOPE OF SERVICES**

The proposed scope of work for the project consists of the following:

1. Visit the site to field stake/mark the planned boring locations, and observe the existing site conditions.
2. Contact Sunshine 811 to request field location and clearance of underground utilities in the area of the test boring as per Florida Statutes. See below for further details.
3. Mobilize a track-mounted drill rig and personnel.
4. At the well sites, perform four (4) Standard Penetration Test (SPT) borings to a depth of 25 feet below the existing ground surface in accordance with ASTM D-1586. Following completion of the drilling and testing, the boreholes will be backfilled with grout.
5. Along the proposed watermain, perform twenty (20) SPT borings to a depth of 15 feet below the existing ground surface in accordance with ASTM D-1586. Following completion of the drilling and testing, the boreholes will be backfilled with grout.
6. Visually classify the collected soil samples using the Unified Soil Classification System (USCS). Assign and perform a series of laboratory tests to ascertain soil index properties (moisture content, Atterberg Limits, organic content, grain size, and percent fines) for the soils encountered in the boring. All tests will be performed in accordance with the relevant American Society for Testing and Materials (ASTM) test methods.
7. Perform appropriate geotechnical engineering analyses and prepare a geotechnical engineering report providing the results of the SPT borings, the soil laboratory testing, and geotechnical related construction recommendations.

---

515 E Las Olas Boulevard, Suite 120 | Fort Lauderdale, FL 33301  
Offices: Palm Beach & Broward Counties  
A Certified SBE, DBE, and MBE Firm

Prior to the mobilization of the drilling equipment, WIRX will notify Sunshine State One-Call of Florida, Inc. (SSOCOF) of the planned exploration to allow affected utility companies the opportunity to mark the location of buried utility lines in the proposed exploration areas. The locating process will require a lead time of 3 to 5 business days. WIRX cannot take responsibility for damage to private underground lines or structures and/or underground services which do not subscribe to SSOCOF; their locations should be provided by the Client prior to commencement of the fieldwork. For further assurance, a private underground utility locator should be retained to scan the proposed test locations using ground penetrating radar technology.

#### SCHEDULE/DELIVERABLES

Weather conditions permitting, we will start the field exploration program within 6 weeks after receiving written authorization to proceed. We preliminarily estimate that our field work will have a duration of 1 day. Laboratory testing will require about 2 weeks to complete following completion of the field work. We expect to provide the final report signed and sealed by a registered professional engineer within 8 weeks; however, accelerations of this schedule may be facilitated, if needed.

#### COMPENSATION & TERMS

Based upon our understanding of the project and interpretation of your requirements, we propose to perform the scope of work outlined previously for a lump sum fee of **\$43,893.00**, as outlined in Attachment A - Fee Breakdown.

#### CLOSURE

WIRX appreciates the opportunity to provide our services for this project, and trust that the scope of work and fee presented in this proposal are clear and understandable. Should the proposal contents require any clarification or amplification, please feel free to contact us.

Sincerely,  
WIRX Engineering, LLC



**Andrew Nixon, P.E.**  
[AndrewNixon@wirxeng.com](mailto:AndrewNixon@wirxeng.com)  
Mobile: (561) 762-8918

Attachments: A – Fee Breakdown





Attachment A - Fee Breakdown

PBCWUD WTP 11 - Expansion Project  
Palm Beach County, Florida  
WIRX Proposal No.: 25-P-037

	Qty	Unit	Unit Price	Total
<b>1.0 FIELD EXPLORATION</b>				
1.1 <u>Field &amp; Utility Coordination</u>				
1.1.1 Project Engineer	12	Hour	\$ 165.00	\$ 1,980.00
1.2 <u>Equipment Mobilization</u>				
1.2.1 ATV/Track Mount (51-100 Miles)	1	Each	\$ 750.00	\$ 750.00
1.2.2 Support Vehicle	5	Day	\$ 275.00	\$ 1,375.00
1.3 <u>SPT Borings (4 to 25' &amp; 20 to 15')</u>				
1.3.1 Standard Penetration Tests (0' - 50')	400	Foot	\$ 22.00	\$ 8,800.00
1.3.2 Temporary Casing (0' - 50')	400	Foot	\$ 12.00	\$ 4,800.00
1.3.3 Borehole Grouting (0' - 50')	400	Foot	\$ 9.00	\$ 3,600.00
1.4 <u>Supervision &amp; Logging (5 days)</u>				
1.4.1 Staff Engineer	50	Hour	\$ 135.00	\$ 6,750.00
<b>TOTAL FIELD WORK</b>				<b>\$ 28,055.00</b>
<b>2.0 LABORATORY TESTING SERVICES</b>				
2.1 Project Engineer	6	Hour	\$ 165.00	\$ 990.00
2.2 Moisture Content - 2 per boring	48	Test	\$ 25.00	\$ 1,200.00
2.3 Fines Content - 1 per boring	24	Test	\$ 55.00	\$ 1,320.00
2.4 Organic Content - 1 per boring	24	Test	\$ 65.00	\$ 1,560.00
<b>TOTAL LABORATORY SERVICES</b>				<b>\$ 5,070.00</b>
<b>3.0 PROFESSIONAL ENGINEERING AND REPORTING SERVICES</b>				
3.1 Senior Engineer	8	Hour	\$ 185.00	\$ 1,480.00
3.2 Project Engineer	16	Hour	\$ 165.00	\$ 2,640.00
3.3 Staff Engineer	40	Hour	\$ 135.00	\$ 5,400.00
3.4 CADD Operator	16	Hour	\$ 78.00	\$ 1,248.00
<b>TOTAL PROFESSIONAL SERVICES</b>				<b>\$ 10,768.00</b>
<b>TOTAL AMOUNT</b>				<b>\$ 43,893.00</b>



HILLERS  
ELECTRICAL  
ENGINEERING



*HILLERS ELECTRICAL ENGINEERING, INC.*

May 28, 2025

Mr. Jim Andersen, P.G.  
JLA Geosciences, Inc.  
1907 Commerce Lane, Suite 104  
Jupiter, FL 33458

Subject: WTP 11 Expansion – New Wells PW-12 and PW-13

Dear Jim:

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

- a) FPL coordination for new electrical services
- b) Design electrical services
- c) Design service conduits and cables from FPL transformers
- d) Design meters, service disconnect switches, and generator receptacles for emergency power
- e) Design grounding systems
- f) Design Variable Frequency Drive panels
- g) Design Remote Telemetry Units with smart PLC and radio
- h) Design smart instruments including flow meter, level, pressure, and conductivity transmitters
- i) Design submersible motors
- j) Design radio communication antenna systems
- k) Design underground conduits and cables

**Design Tasks include:**

- 1.0 Project Meetings and Administrative Assistance during Design, Permitting and Bidding
- 2.0 Preliminary Field Investigations and Review of Historical Data
- 3.0 Design Phase Services
- 4.0 Permitting Assistance
- 5.0 Bidding Assistance

The following is a list of anticipated electrical and instrumentation drawings:

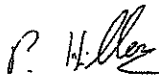
- 1 - Electrical Legend
- 2 - Electrical Notes
- 3 - Instrumentation Legend
- 4 - Overall Site Plan
- 5 - Well PW-12 Site Plan
- 6 - Well PW-12 Grounding Plan
- 7 - Well PW-12 One-Line Diagram

- 8 - Well PW-12 Schematic Diagram
- 9 - Well PW-12 Riser Diagram
- 10 - Well PW-12 P&ID
- 11 - Well PW-12 RTU and Wiring Diagram
- 12 - Well PW-13 Site Plan
- 13 - Well PW-13 Grounding Plan
- 14 - Well PW-13 One-Line Diagram
- 15 - Well PW-13 Schematic Diagram
- 16 - Well PW-13 Riser Diagram
- 17 - Well PW-13 P&ID
- 18 - Well PW-13 RTU and Wiring Diagram
- 19 - Communication Block Diagram
- 20 - Electrical Details Sheet 1
- 21 - Electrical Details Sheet 2
- 22 - Electrical Details Sheet 3
- 23 - Instrumentation Details Sheet 1
- 24 - Instrumentation Details Sheet 2

Our proposed not-to-exceed electrical and instrumentation design, permitting and bidding services fee is \$74,630.40. See accompanying spreadsheet for breakdown by task numbers.

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

Sincerely,



Paul Hillers  
President

		Labor Classification and Hourly Rate					
Task Number	Task Description	Project Manager	Lead Engineer	Const. Coord	Programmer	Secretarial	TASK TOTAL
1.0	Project Meetings and Administrative Assistance during Design, Permitting and Bidding						
	Project Meetings/Workshop and administrative assistance; PBCSB badging	8	24				
	Coordination with subconsultants and PBCWJD	4	8				
	Subtotal Task 1	12	32	0	0	0	\$ 8,276.32
2.0	Preliminary Field Investigations and Review of Historical Data						
	Review of record drawings, GIS	6	10				
	Well Siting including Draft Tech Memo, Review Comment Responses, Final Tech Memo	6	20				
	FPL Coordination	6	20				
	Subtotal Task 2	18	50	0	0	0	\$ 12,743.38
3.0	Design Phase Services						
	90% Design: Technical Specifications, Opinion of Probable Cost; Drawings	32	146			5	
	Final Design: Technical Specifications, Opinion of Probable Cost; Drawings	12	54			3	
	Subtotal Task 3	44	200	0	0	8	\$ 44,658.64
4.0	Permitting Assistance						
	Provide permitting assistance	8	8				
	Subtotal Task 4	8	8	0	0	0	\$ 3,324.88
5.0	Bidding Assistance						
	Provide bidding assistance for two design packages; RFIs; bid recommendation	8	22				
	Subtotal Task 5	8	22	0	0	0	\$ 5,627.18
	Labor total Hours	90	312	0	0	8	
	Labor Hourly Billing Rates	\$ 251.16	\$ 164.45	\$ 140.53	\$ 164.45	\$ 89.70	
	Labor Raw Costs	\$84.00	\$55.00	\$47.00	\$55.00	\$30.00	
	Labor Multiplier	2.99	2.99	2.99	2.99	2.99	
	Labor Total	\$ 22,604.40	\$ 51,308.40	\$ -	\$ -	\$ 717.60	
	Total						\$74,630.40

**KIMLEY-HORN  
AND ASSOCIATES**



May 28, 2025

Ms. Rani Smith, P.G.  
JLA Geosciences, Inc.  
1931 Commerce Lane, Suite 3  
Jupiter, FL 33458

**RE: WTP No. 11 UFA Production Wells and RWM Design  
WUD No. 25-030**

Dear Ms. Smith:

We are pleased to provide this proposal for Professional Services for the design, permitting, and bidding assistance for up to two (2) Upper Floridan Aquifer (UFA) production wells and associated raw watermain (RWM) located at Palm Beach County Water Utilities Department (PBCWUD) Water Treatment Plant (WTP) No. 11, located in Belle Glade, Florida.

Palm Beach County Water Utilities Department (COUNTY or PBCWUD) owns and operates the existing Water Treatment Plant No. 11 (WTP 11). PBCWUD desires to construct two new Floridan Aquifer Wells (PW-12 and PW-13) at WTP 11. Preliminary discussions between JLA Geosciences, Inc. (JLA) and PBCWUD staff identified the locations of the two new wells to be south of WTP 11. It is understood that PBCWUD is actively obtaining the easements for the two new well sites. PBCWUD desires to construct a raw watermain to connect the two proposed Wells to the WTP. The route will follow NW 16 Street right of ways and connect to the existing raw watermain near Well PW-11. The route would consist of up to 1.4 miles of raw watermain.

The following scope of services outlines the tasks needed to design, permit and bid the proposed Wells PW-12 and PW-13.

**SCOPE OF SERVICES**

Kimley-Horn and Associates, Inc. (KHA), serving as a SUBCONSULTANT to JLA, the PRIME CONSULTANT, shall perform the Scope of Services as described herein and will complete the following tasks:

**Task 1.0 – Project Meetings, Administrative Assistance during design, permitting, and bidding:**

Project Meetings – KHA shall prepare for and attend up to seven (7) project meetings with PRIME CONSULTANT and PBCWUD during the design phase of the project:

- One (1) project kickoff meeting
- One (1) meeting with School District of Palm Beach County
- One (1) project workshop prior to starting the 90% design
- Two (2) design review meetings (90%, final)
- One (1) permitting meeting

- One (1) pre-bid meeting

The final well site location may be on a property that requires background checks for site access. KHA will complete (1) background check form for site access at the well site if needed. Application fees will be paid for by PBCWUD. KHA will attend one meeting at the respective facility for fingerprinting.

KHA shall coordinate with JLA and JLA's subconsultants.

## **Task 1.0 – Deliverables**

- Meeting minutes to be provided by JLA. KHA to review and provide comments on meeting minutes prior to JLA submitting to PBC.

## **Task 1.0 – Assumptions**

- Background check application fees to be paid for by PBCWUD

## **Task 2.0 – Preliminary Due Diligence**

**Task 2.1 Record Drawings and GIS Review** – KHA shall provide a review of owner provided GIS and record drawings along the raw watermain route.

**Task 2.2 Topographic Survey Review** – KHA shall conduct a site visit to walk the potential route of the raw watermain.

KHA shall provide a review of topographical survey provided by JLA's subconsultant surveyor for the raw watermain route and two (2) well locations with a 150 foot radius from the wellhead of each selected well site. The survey shall include the following: Location of visible fixed improvements within the proposed project limits/right-of-way, including physical objects, drainage swales, native trees, signs, fences, power poles; Location of aboveground existing utilities; Elevations obtained to indicate existing grades; location of PBC located U/G utilities – pipes, valves, etc.; and reference benchmarks. The survey shall also include the location of all trees 2" DBH or larger, species, DBH, approximate height, and canopy spread. KHA will review survey information and provide coordination through JLA.

**Task 2.3 Utility Locates (Soft Digs) Review** – KHA will review up to twenty (20) subsurface utility locates by air/vacuum test holes that will be completed by JLA's subconsultant.

**Task 2.4 Geotech Boring Review** – KHA to review up to twenty (20) borings that will be completed by JLA's subconsultant. One boring is anticipated at each of the two well locations and borings will be reviewed at 400 foot intervals on the raw watermain route.

**Task 2.5 Well Siting** - KHA shall review flood maps (FIRM) and flood control elevations to determine 100-yr flood elevations for each wellsite and adjust pad and/or wellhead flange and piping to accommodate vertical separation required by FAC 62-532 Water Well Permitting and Construction Requirements.

KHA shall review and determine suitability of well locations to accommodate the horizontal separation requirements as required by FAC 62-532 Water Well Permitting and Construction Requirements.

KHA shall provide a brief technical memorandum summarizing results of the preliminary well recommendations. The technical memorandum will be packaged and provided by JLA.

**Task 2.6 Hydraulic Model** – KHA shall create a raw water system hydraulic model in Infowater to determine the size of the proposed raw watermain. KHA shall utilize a PBC provided information to determine if the existing raw watermain have the adequate capacity for the connection of the two proposed wells. The model shall also be used to confirm the head requirements of the two proposed well pumps.

KHA shall coordinate with vendors once the system curve is developed to select the pumps for both proposed Wells.

## **Task 2.0 – Deliverables**

- KHA shall provide the water model for PBCWUD use at the completion of the project (Arcgis PRO .APRX file and associated Infowater Pro .IWDB).
- Provide one (1), final, preliminary investigation technical memorandum in electronic format (Portable Document File (PDF)).

## **Task 2.0 – Assumptions**

- JLA/PBCWUD shall provide all available historical data and PBCWUD standard engineering details to KHA. A copy of available record drawings, in CAD format, depicting the layout construction and details of the existing wellfield, will be furnished by PBCWUD for KHA use in preparing the design documents.
- KHA assumes PBC shall provide water level, raw watermain GIS and pump information for KHA to create a raw water model.
- KHA assumes that the survey, soft digs and Geotech performed by others will be completed 2 weeks from NTP.



## Task 3.0 - Design

**Task 3.1 90% Design** – KHA shall prepare and submit to PBCWUD 90% design phase specifications and drawings. This task shall include 90% technical specifications, 90% civil/mechanical project drawings, wellhead, pump, wellhead piping, valves, raw watermain, bore for the FPL power drop, canal diversion, well pad, driveways and appurtenances.

KHA shall also prepare a Class 2 Opinion of Probable Construction Costs (OPCC) in accordance with Association for the Advancement of Cost Engineering (AACE). JLA/PBCWUD shall review the 90% plans and provide comments in electronic format. KHA shall review and respond to the JLA/PBCWUD comments and utilize the agreed upon changes for the final design.

**Task 3.2 Final Design** – KHA shall respond to a one (1) round of review comments from PBCWUD on the 90% design deliverables.

KHA shall prepare and submit to JLA final design phase specifications and drawings. This task shall include final technical specifications and final civil/mechanical project drawings.

KHA shall also prepare a Class 2 OPCC in accordance with AACE. The final design submittal will be provided for bidding purposes.

## Task 3.0 – Deliverables

- 90% design Specifications, OPCC, and Project Drawings in PDF and DWG format.
- Final Design Specifications, OPCC, and Project Drawings digitally signed and sealed.
- Response to PBCWUD 90% review comment matrix in excel format.

## Task 3.0 – Assumptions

- All Design Phase Deliverables shall be submitted to JLA.
- Following PBCWUD review, requested changes to specific design phase specifications shall be implemented during the subsequent design phase.
- Electronic files exchanged between PBCWUD, JLA and KHA will be in a format compatible with MS Office 2016, Adobe Acrobat, and AutoCAD.
- KHA shall design the bore plan and profile for the FPL power drop at each well. The electrical design to provide power to the wells shall be provided by Hillers Electrical Engineering.
- The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

- This contract scope of work does not include assistance with property or easement acquisition, including boundary surveys, Ownership and Encumbrances (O&E) Investigations, appraisals, or land negotiations.
- One (1) design package will prepared for the wells, wellheads and raw watermain. Breaking out the project into separate packages shall be considered additional services.

**Task 4.0 – Permitting Assistance** - KHA will prepare three (3) permit application (FAC 62-555.900(1)) packages for the raw watermain and the wells and submit to Palm Beach County Health Department (PBCHD). KHA will assemble and coordinate application package with JLA and Hillers Electrical Engineers (HEE) for submission to PBCHD. KHA will provide up to two (2) signed/sealed copies of the drawings per submittal. The permit application fees will be paid for directly by PBCWUD. KHA will respond to two (2) rounds of Request for Additional Information (RAI) from PBCHD for each submittal.

KHA will prepare and submit electronically a utility permit for the raw watermain within the FDOT right of way.

#### **Task 4.0 – Deliverables**

- PBCHD permits: Two (2) signed and sealed full sized sets for each submittal.
- FDOT Utility Permit: Electronic form through FDOT portal.

#### **Task 4.0 – Assumptions**

- All permit application fees shall be paid for by PBCWUD.

**Task 5.0 – Bidding Assistance** – KHA will attend one pre bid meeting with prospective bidders.

KHA shall review the civil, mechanical portions of the submitted contractor bids and prepare a written assessment of bid values to JLA.

KHA will provide written responses to contractor requests for information (RFIs) related to each of the two design packages. Up to two (2) rounds of addenda questions are included in this scope of work.

JLA will prepare conformed drawings and specifications for each design package per the addenda questions, if required.

#### **Task 5.0 – Deliverables**

- Digitally signed and sealed bid ready Specifications and Project Drawings.
- Digitally signed and sealed conformed Specifications and Project Drawings.

#### **Task 5.0 – Assumptions**

- Electronic files exchanged between PBCWUD, JLA and KHA will be in a format compatible with MS Office 2016, Adobe Acrobat, and AutoCAD.
- KHA assumes both wells and raw watermain will be bid under one package.

ITEMS AND SERVICES PROVIDED BY OWNER

- 1. Permit application fees
- 2. Record drawings in .dwg format
- 3. Site Access
- 4. Well water levels
- 5. Existing well pump curves
- 6. Existing raw water pressure at entry to WTP
- 7. WTP 11 raw watermain GIS including pipe sizes and materials

ITEMS NOT INCLUDED

- 1. The project assumes that the proposed raw watermain will consist of up to 1.4 miles of piping south of WTP 11 along NW 16<sup>th</sup> Street, connecting by Well PW-11. Alternate raw watermain routes not described in this scope of work can be provided as an additional service.
- 2. During construction, if drilling logs indicate that production intervals differ from the assumptions made during the design phase, alternate pump selections can be provided as an additional service.
- 3. Survey, geotechnical investigation and utility locates to be provided by others.
- 4. Permit application fees to be provided by PBCWUD.
- 5. Construction Phase Services.
- 6. Wellhead re-design.
- 7. Electrical or instrumentation design.
- 8. Bacteriological, water quality testing, or PBCHD permit clearances.
- 9. As-built record drawings for PBCHD permit clearance.
- 10. Field well testing for hydraulic model calibration.

PROJECT SCHEDULE

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

Task 1.0 – Project Meetings and Administrative Assistance during design, permitting, and bidding:	254 days Concurrent to Tasks 2.0-5.0
Task 2.0 – Preliminary Due Diligence*	44 days from NTP
Task 3.0 – Design**	134 days from completion of Task 2.0
Task 4.0 – Permitting Phase	254 days Concurrent to Tasks 2.0-5.0
Task 5.0 - Bidding Phase	Commensurate with PBCWUD Schedule

\*Assumes survey, soft digs and geotech performed by others will be completed within 2 weeks from NTP.

\*\*Assumes 2 weeks of PBCWUD review for the 90% and final design deliverable.

COMPENSATION

Kimley-Horn will perform the services in Tasks 1 – 5 on a labor fee plus expense basis with the maximum labor fee shown below.

Task 1.0 – Project Meetings and Administrative Assistance during design, permitting, and bidding:	\$26,670.00
Task 2.0 – Preliminary Due Diligence	\$54,792.00
Task 3.0 – Design	\$232,830.00
Task 4.0 – Permitting Phase	\$12,690.00
Task 5.0 - Bidding Phase	\$9,756.00
TOTAL	\$ 336,738.00

Kimley-Horn will not exceed the total maximum labor fee shown without authorization from the Client. Individual task amounts are provided for budgeting purposes only. Kimley-Horn reserves the right to reallocate amounts among tasks as necessary.

Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Kimley-Horn project number.

CLOSURE

KHA will provide these services in accordance with the WUD 23-026 Contract with JLA made executed by and between Palm Beach County, a Political Subdivision of the State of Florida, by and through its Board of Commissioners, hereinafter referred to as the COUNTY, and JLA. Geosciences, Inc., authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, whose Federal I.D. is 45-0496499.

To proceed with the services, please have an authorized person send us a Subcontractor Agreement to execute. We will commence services only after we have received a fully-executed agreement. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

Please call if you have any questions.

Sincerely,



By: Lance Littrell, P.E.  
Vice President

Attachments: Table A - Fee Estimate, KHA Signing Authority

PROJECT: WTP No. 11 UFA Production Wells and RWM Design						SHEET 1 OF 1				
CLIENT: Palm Beach County Water Utilities Department						FILE NO.				
KHA PM: Bert King						DATE: 4/28/2025				
BASIS FOR ESTIMATE: KHA Hourly Rates										
DESCRIPTION:										
DIRECT LABOR (MAN-HOURS)										
WTP No. 11 UFA Production Wells and RWM Design		Q/C	Senior	Professional	Designer	Engineering	Support	Total	Dir Exp	LINE
		Principai	PROJ			Intern	Staff	Labor		TOTAL
			MGR			Analyst		Hours		
NO.	TASK	\$300.00	\$300.00	\$255.00	\$231.00	\$165.00	\$180.00			
		\$100.00	\$100.00	\$85.00	\$77.00	\$55.00	\$60.00			
		3.00	3.00	3.00	3.00	3.00	3.00			
1.0	Project Meetings and Administrative Assistance during design, permitting, and bidding:									
	Project Meetings (kickoff, workshop, 90%, 100%, permitting and prebid)		6	24		24	6	60		\$12,960.00
	Project coordination		6	24			10	40		\$9,720.00
	Background Check Application/Fingerprinting	2	2	4		2	8	18		\$3,990.00
	Subtotal									\$26,670.00
2.0	Preliminary Testing									
2.1	Review of record drawings and GIS			4			1	5		\$1,200.00
2.2	Topographic Survey Review	2	4	24	12	20	2	64		\$14,352.00
2.3	Utility Locates (Soft Digs) Review		2	4			1	7		\$1,800.00
2.4	Geotech Boring Review	1	2	4			1	8		\$2,100.00
2.5	Well Siting (FAC Setbacks)	2	4	24		44	1	75		\$15,360.00
2.6	Hydraulic Model	1	4	24		40		69		\$14,220.00
	Vendor coordination	1	4	16			1	22		\$5,760.00
	Subtotal									\$54,792.00
3.0	Design									
3.1	90% Design									
	Specifications	2	30	40		60	2	134		\$30,060.00
	Drawings (~33 sheets)	16	50	110	160	240	8	584		\$125,850.00
	OPC	2	12	40		40	1	95		\$21,180.00
3.2	Final Design									
	Specifications	1	6	20			1	28		\$7,380.00
	Drawings (~33 sheets)	4	18	36	50	70	2	180		\$39,240.00
	PBCWUD Comment Matrix Responses	2		8			1	11		\$2,820.00
	OPC	1	6	8		12	1	28		\$6,300.00
	Subtotal									\$232,830.00
4.0	Permitting Phase									
	PBCHD Submittal #3		3	9		12	3	27		\$5,715.00
	PBCHD RAI (2 per submittal)		3	9			1	13		\$3,375.00
	FDOT Utility Permit		2	6		6	1	15		\$3,300.00
	QA/QC	1						1		\$300.00
	Subtotal									\$12,690.00
5.0	Bid Phase									
	Addendum questions		2	4			2	8		\$1,980.00
	Conformed Drawings		2	4	16		2	24		\$5,676.00
	Bid Review		2	4			1	7		\$1,800.00
	QA/QC	1						1		\$300.00
	Subtotal									\$9,756.00
LABOR SUBTOTAL HOURS		39	170	450	238	570	57	1524		
RAW LABOR (\$/HOUR)		\$100.00	\$100.00	\$85.00	\$77.00	\$55.00	\$60.00			
LABOR MULTIPLIER		3.00	3.00	3.00	3.00	3.00	3.00			
LABOR (\$/HOUR)		\$300.00	\$300.00	\$255.00	\$231.00	\$165.00	\$180.00			
SUBTOTAL		\$11,700	\$51,000	\$114,750	\$54,978	\$94,050	\$10,260			\$336,738.00

# Kimley»Horn

**Certificate of Secretary**

To Whom It May Concern:

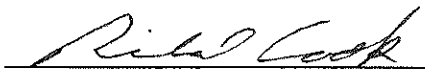
I am the duly qualified and acting Secretary of Kimley-Horn and Associates, Inc., a North Carolina Corporation.

The following is a true copy of a resolution duly adopted by the Board of Directors of the corporation at the Board meeting held on December 17, 2024 and entered in the minutes of such meeting in the minute book of the corporation.

“The Board unanimously approved the contract signing authority of employees as presented.”  
(Copies of the employee lists as presented are enclosed.)

The resolution is in conformity with the articles of incorporation and bylaws of the corporation, has never been modified or repealed, and is now in full force and effect.

Dated: December 18, 2024

  
Richard N. Cook, Secretary



**Kimley-Horn and Associates, Inc.**  
**FULL CONTRACT SIGNING AUTHORITY**  
**December 17, 2024**

The following individuals have authority to sign both standard and non-standard agreements directly related to serving clients ("Project Agreements"). Project Agreements include client contracts, subcontracts, project-specific vendor agreements, IPO's, contract amendments, non-disclosure agreements, teaming agreements, project-specific equipment and facility rental agreements for specific projects, and certifications related to proposals. This document does not grant authorization to sign other types of contracts or legal documents not directly related to client service such as office leases, software purchase or license agreements, tax returns, purchase agreements for supplies, or agreements to procure accounting, legal, recruiting, or similar services.

**ATLANTIC**

**BALTIMORE CITY**

Kraft, Jonathan H.  
Miller, Sean T.  
Murphy, Erin M.  
Smith, Jeff B.

**BALTIMORE COUNTY**

Leffner, Nicholas J.  
Hutton, Heather

**BOSTON**

Jacques, Christopher  
Keegan, Katherine A.

**CHARLOTTESVILLE**

Oliver, Jonathan H.

**HARRISBURG**

Bankert, Larry I.  
McGinley, Steve M.

**LOUDOUN**

Bollinger, Kyle T.  
Giffin, Geoffrey D.  
Stevens, Ross S.

**NORTHERN VIRGINIA**

Carter, Erica V.  
D'Alessandro, Jonathan J.  
Elman, Paul D.  
Frosch, Colin  
Howell, Christopher M.  
Kauppila, John L.  
Knox, Sarah E.  
Koopman, Jennifer R.  
Lefton, Steven E.  
Millot, Sean M.  
Musson, David B.  
Powell, Meredith P.  
Prunty, Robert W.  
Samba, David B.  
Sauro, Thomas J.  
Schrader, Carly N.  
Smith, Andrew T.  
Teague, M. Zach  
Whyte, Richard D.

**PHILADELPHIA**

**CENTER CITY**

Harmon, Amanda R.  
Hughes, Paul W.  
Morgan, Taylor M.

**PITTSBURGH**

Beaves, Adele M.  
Beduhn, Tyler J.  
Moldovan, William

**PRINCETON**

Diggan, Tony W.  
Gibson, Adam T.

**RICHMOND**

Chance, Maxwell P.  
Crum, Katie E.  
Dougherty, Sean P.  
Harrell, Matthew T.  
Hill, Corey W.  
Lickliter, Ashley C.  
McCray, Danielle R.  
McPeters, Brian A.  
Perkins, Ryan R.  
White, Timothy E.

**VIRGINIA BEACH**

Chambers, Jon S.  
Dallman, David B.  
Davidson, Scott O.  
Falk, Katherine W.  
Farthing, Andrew P.  
France, William D.  
Funk, Gerald S.  
Holland, Kimberly R.  
Holland, Stephen R.  
Mackey, William F.  
Mertig, Karl E.  
Moser, Emily A.  
Niss, Robyn M.  
Schmitt, Gregory H.  
Votava Charles F.  
Wharton, Michelle L.  
Williams, Kyle D.  
Yee, Leong Wee

**WHITE PLAINS**

Canning, Thomas J.  
Van Hise, Kevin A.

**CALIFORNIA**

**COACHELLA VALLEY**

Sutton, Mike S.

**LONG BEACH**

Hewitt, Melissa A.  
Phillips, Chad E.  
Starkey, Jonathan H.

**LOS ANGELES**

Duong, Danh  
Fares, Jean B.  
Kyle, Gregory S.  
Phaneuf, Alyssa S.  
Ranta, Shahrzad

**MONTEREY**

Falgout, Mark A.

**OAKLAND**

Akwabi, Kwasi  
Colety, Mike D.  
Dankberg, Adam J.

**ORANGE**

Adrian, Darren J.  
Bossu, David M.  
Glaze, Jacob S.  
Kerry, Nicole M.  
Matson, Jason B.  
Marechal, Jason A.  
Melchor, Jason J.  
Melvin, M. Pearse

**PLEASANTON**

Chazbek, Chadi  
Johnson, Miles R.  
Mowery, Michael C.  
Sowers, Brian E.

**RIVERSIDE**

Cowan, Eugene D.  
Pollock, John A.

**SACRAMENTO**

Bhatt, Sheetal K.  
Melvin, Enda  
Pittalwala, Fareed S.  
Schmitt, Michael L.  
Tait, Zachary T.  
Weir, Matthew D.

**SANTA CLARITA**

Chakravarthy, Srikanth

**SAN DIEGO**

Barlow, Matthew T.  
Becker, Justin S.  
Harry, Jennifer L.  
Heustess, Aaron M.  
Kaltsas, Joseph D.  
Madsen, Michael P.  
McCormick, Matthew B.  
McWhorter, Samuel L.

Podgracz, Anthony J.  
Ulery, Megan R.  
Valencia, Jason B.

**SAN JOSE**

Hedayat, Leyla  
Mehta, Parag G.  
Venter Frederik J.

**SAN MATEO**

Pulliam, John E.

**CAROLINAS**

**CHARLESTON**

Edmonson, William C.  
Guy, Jonathan R.

**CHARLOTTE**

Blakley, Jr., Stephen W.  
Denney, Seth A.  
Edwards, Matthew A.  
Lewis, Ryan T.  
Racer, Joseph M.  
Taylor, Benjamin S.

**COLUMBIA**

Iser, Christopher M.

**DURHAM**

**DOWNTOWN**

Lewellyn, Earl R.  
Raney, Nolan D.

**FORT MILL**

Holcomb, John E.

**GREENVILLE**

Hensley, Stephen A.

**HOLLY SPRINGS**

Brewer, William J.

**RALEIGH**

Adams, Richard C.  
Barber, Barry L.  
Beck, Chadwick W.  
Brewer, Brian J.  
Cochran, Adam P.  
Cook, Richard N.  
Flanagan, Tammy L.  
Glass, Brianne M.  
Howell, Cory J.  
Keil, Ashley R.  
Kuzenski, John D.

Leverett, Christopher C.  
Meador, Emily H.  
Netzer, Lesley E.  
Royal, Jack R.  
Thompson, Erin K.

**CENTRAL**

**DALLAS**

Fraccaro, Joseph A.  
Galloway, Steven D.  
Harris, Mark E.  
Henrichs, Tyler B.  
Hoppers, Kevin P.  
Moss, Bradley J.  
Rader, Aaron K.  
Samarripas, Anthony M.  
Sulkowski, Nicholas E.  
Williamson, Sarah T.

**FORT WORTH**

Arnold, Douglas M.  
Arnold, Scott R.  
Atkins, John R.  
Hill, Bradley J.  
Igo, Chris P.  
James, Richard J.  
Kubista, Kyle P.  
Nathan, Aaron W.  
Webb, Floyd C.

**FRISCO**

Coppin, Thomas G.  
McCracken, Paul D.  
Dickey, Kyle A.  
Ross, Casey J.

**IRVING/LAS COLINAS**

Ante, Louis N.

**FLORIDA**

**BOCA-DELRAY**

Webber, Jason A.  
Haggerty, Jordan L.

**DAYTONA BEACH**

Stubbs, Jarod C.

**FORT LAUDERDALE**

Alam, Mudassar M.  
Capelli, Jill A.  
Cordasco, John L.  
Dabkowski, Adrian K.

Kimley-Horn and Associates, Inc.  
FULL CONTRACT SIGNING AUTHORITY  
December 17, 2024

Emmons, Erin N.  
Falce, Christopher T.  
McWilliams, John J.  
Robertson, Stewart E.  
Viola, Stefano F.

FORT MYERS  
Bryant, M. Lewis  
Clark, Kellie R.

GAINESVILLE  
Brighton, Ali H.  
Towne, Christopher D.

JACKSONVILLE  
Brenny, Martin T.  
Deutsch, Brian S.  
Mecca, Joseph P.  
Mullis, Raiford M.  
Roland, George E.  
Shelton, Mark W.

LAKE LAND  
Lewis, Jason A.  
Wilson, Mark E.  
White, Wayne E.  
Wynn, Jared M.

LAKE NONA  
Ashby, Brian S.  
Stickler, Brooks A.

MELBOURNE  
Husainy, Kinan F.

MIAMI  
Almonte, Leonte J.  
Baldo, Burt L.  
Buchler, Aaron E.  
Collier, Julio A.  
Fernandez, Jorge L.  
Fye, Barton J.

OCALA  
Busche, Richard V.  
Gartner, Amber L.  
Losito, Gene B.

ORLANDO  
Chau, Hao T.  
Lenzen, Brent A.  
Littrell, Lance R.  
Martin, Jonathan A.  
Mingonet, Milton S.  
Roberts, Heather A.  
Thigpen, Jonathan D.  
Wetherell, Ryan S.

PALM BEACH  
GARDENS  
Long, Jamea M.  
Meyer, Alexis E.

SARASOTA  
Cianfaglione, Christopher  
D.  
Klepper, B. Kelley  
Leep, Jordan E.  
Pankonin, James R.  
Schmid, Seth E.

ST. PETERSBURG  
Arriaga, Brooke R.  
Bishop, Mark C.  
Dodge, Dawn M.  
Walker, Jordan W.

TALLAHASSEE  
DeVeau, Zachariah A.  
Kalbli, Shawn C.  
Lewis, Kelsey V.

TAMPA  
Bulloch, Kelly B.  
Collins III, Carroll E.  
Gilner, Scott W.  
Lee, Nathan Q.  
Nadeau, Gary J.

VERO BEACH  
Good, Brian A.  
Hollen, Christopher J.  
Lawson, Jacob B.  
Roberson, Kevin M.  
Thomas, Melibe S.  
Van Rens, Peter J.

WEST PALM BEACH  
Lee, Jason R.  
Rapp, Bryan T.  
Regueiro, Eric  
Schanen, Kevin M.  
Schwartz, Michael F.  
Tercilla, Lindsey A.  
Walthall, David W.

WPB DOWNTOWN  
Heggen, Christopher W.  
Spruce, Michael D.

**MIDWEST**

CHICAGO  
DOWNTOWN  
Lemmon, Peter C.  
Marnell, Colleen L.  
Mayer, Joseph P.  
Morton, Jr., Arthur J.  
Panter, Jake H.  
Whitson, Bryan D.

CHICAGO NORTH  
SUBURBS  
Cooper, Jason C.  
Tracy, Eric J.  
West, Craig L

CHICAGO WEST  
SUBURBS  
Fandler-Splitt, Rory K.  
Garner, Chad S.  
Heinen, Andrew N.  
Kaufman, Phil R.  
Walker, Michaela E.  
Walker, William A.

COLUMBUS  
Muller, Justin M.  
Reeves, Michael C.  
Schall, Andrew J.  
Schnug, Regan A.

INDIANAPOLIS  
Butz, Jr., William A.  
Timko, Michael J.  
Sheward, Bryan A.  
Wolfred, Maurice A.

KANSAS CITY  
Kist, Matthew D.  
McKerrow, Jeff D.  
Myers, Zachary

NORTHEAST OHIO  
Clements, Kevin J.

TWIN CITIES  
Bourdon, Brandon J.  
Coyle, Daniel J.  
Elegert, Brandon R.  
Hume, Robert M.  
Jensen, Matthew D.  
Matzek, William D.  
Phipps, Ryan A.  
Schmitz, William J.  
Wall, Lisa M.  
Zimmerman, David

TWIN CITIES -- SOUTH  
Fosmo, Eric J.

TWIN CITIES- WEST  
Kuhnau, JoNette L.  
Manning, Jon T.  
Wurdeman, Brian M.

**MOUNTAIN PACIFIC**

ASPEN  
Christensen, Bryce E.

BOISE  
McDougald, Brandon D.  
Nicholson, Timothy P.

BROOMFIELD  
Pratt, Anthony J.

COLORADO SPRINGS  
Gunderson, Eric J.  
Hess, Mitchell O.

DENVER  
Andryscik, Kory J.  
Colvin, Scott W.  
Garinger, Amy M.  
Heiberger, John R.  
Krell, Gabriel M.  
Phelps, Randall J.  
Rowe, Curtis D.  
Salvagio, Robin  
Skeehan, Daniel L.  
Sobieski, Dennis M.  
McGee, Meaghan M.  
Valentine, Brian W.  
Wilhelm, William R.

EVERETT  
Lincoln, Brady J.

FORT COLLINS  
Felton, Emily P.

PORTLAND  
Belsick, Jody W.  
Meyerhofer, Peter N.

SALT LAKE CITY  
Crowther, Brent C.  
Gresham, Teresa R.  
Johnson, Zachary A.  
O'Brien, Molly M.

SEATTLE  
Chen, Nicholas R.  
Kamerath, Marcy  
Reeverts, Canaan H.  
Williams, David S.

**SOUTHWEST**

LAS VEGAS  
Ahartz, Shannon R.  
Jones, Christopher R.  
Moles, Richard A.  
Moore, Devin V.  
Mosley, Michael S.  
Wolf, Treasea

MESA  
Burm, Jason M.  
Grandy, Michael L.  
Margetts, Sterling T.  
Mutti, Brent H.  
Walnum, Nathan C.

PHOENIX  
Christian, Rajesh S.  
Connelly, Alissa J.  
Delmarter, Michael L.  
Ehrick, Taylor R.  
Henderson, Benjamin J.  
Thoma, Jayme R.  
Kimm, Kevin J.  
Kissinger, John C.  
Leistiko, David J.

Marella, Damon J.  
Perillo, Adam C.  
Sjogren, Timothy P.  
Smalkoski, Brian R.  
RENO  
Hildebrandt, Timothy H.  
Nasset, Brent J.

SCOTTSDALE  
Jupp, Andrew M.  
Rutkowski, David R.

TUCSON  
Payne, Kevin W.  
Rhine, Timothy J.

**SOUTH**

ALPHARETTA  
Dufour, Zachary J.  
Fanne, Angela L.  
Fanne, Lawson H.  
Hamilton, James R.  
James, Alvin B.  
Shearouse, Sarah  
Stricklin, David L.  
Walker, John D.  
Zittrouer, Derek M.

PEACHTREE  
CORNERS  
Ergle, Kevin B.  
Fink, Kenneth L.  
Smith, Patrick N.

ATLANTA MIDTOWN  
Bosman, Eric S.  
Coleman, Sean H.  
Else, Jeffrey B.  
Pastore, Cristina C.  
Ross, Robert A.  
Triplett, Katherine R.

BIRMINGHAM  
Bailey, Clark B.  
Johnson, Elizabeth H.

CHATTANOOGA  
Skidmore, Benjamin W.

FRANKLIN  
Espelet, Leonardo E.

MEMPHIS  
Danley, Drake E.  
Minor, Henry W.  
Peregoy, Samuel J.  
Peregoy, Jennifer M.

MOBILE  
Starling, Charles H.



Kimley-Horn and Associates, Inc.  
FULL CONTRACT SIGNING AUTHORITY  
December 17, 2024

NASHVILLE  
Boyd, Mark R.  
Creasman, Brett R.  
McMaster, Ryan L.  
Neal, Philip H.  
Rhodes, Christopher D.

SAVANNAH  
Gwaltney, Jamie N.  
Marsengill, Chris C.

WOODSTOCK  
West, Brian B.

**TEXAS SOUTH**

AUSTIN EAST  
Hamilton, Robert J.  
Ponton, Clinton J.

AUSTIN NORTH  
Boecker, Brian C.  
Hudson, Harrison M.  
Kiewit, Jordan S.  
Neal, Trey A.  
Parker, Brian J.  
Araque, Santiago A.  
VanLeeuwen, Andrew W.

AUSTIN SOUTH  
Mason, Sean R.  
Williams, Robert B.

BRYAN/COLLEGE  
STATION  
Harris, Joseph C.  
Lucas, Michael D.

HOUSTON  
Cargill, Kenneth W.  
Deshpande, Vivek  
Frysinger, Ashley M.  
Frysinger, Chris V.  
Guillory, Michael B.

PEARLAND  
Hall, Andrew T.

SAN ANTONIO  
Brignon, Brit A.  
Farnsworth, Jeffrey A.  
Holscher, Nicholas F.

THE WOODLANDS  
Freeman, Jr., Steven C.  
Kirkland, Mark R.  
Lewis, Tyler W.

**Kimley-Horn and Associates, Inc.**  
**STANDARD CONTRACT SIGNING AUTHORITY**  
**December 17, 2024**

These persons have authority to sign contracts using unmodified Kimley-Horn forms (not client-drafted contracts).

**ATLANTIC**

**BALTIMORE CITY**

Gallagher, Emily J.  
Monaco, Melanie L.  
Prosser, Thomas M.

**BALTIMORE COUNTY**

Bishop, Matt A.  
Linkous, Blaine W.

**BOSTON**

Johnson, Britton E.  
Leonor, Danielle D.  
Scully, William J.

**HARRISBURG**

Greene, Cory H.

**LOUDOUN**

Phillips, Mark R.

**NORTHERN VIRGINIA**

Aimone, Keith W.  
Jesensky, Kenneth R.  
Lette, Zachary A.  
Mcintyre, Emma J.  
Neupane, Sangam  
Timothy, Heather R.

**PHILADELPHIA**

**CENTER CITY**

Buckley, Steve M.  
Katelhon, Thomas  
Lohr, Andrew J.  
Ojserkis, Max E.  
Vernon, Paul A.

**PHILADELPHIA**

**SUBURBAN**

Caponigro, Anthony A.

**PITTSBURGH**

DePaolis, Jeffrey M.  
Dunmire, Dennis S.

**RICHMOND**

Anderson, Laura P.  
Brooks, Jordan K.  
Capparuccini, David M.  
Ellington, David B.  
Nagle, Andrew S.  
Robertson, Nicholas L.  
Sciarrino, Sarah A.  
Tusing, Ellen

**VIRGINIA BEACH**

Benson, Laurence N.  
Berger, Kodi L.  
Bourke, Kathryn B.  
Callan, Angela F.  
Clark, Ryan D.

Gruzd, Jeremy R.  
Henderson, Grace M.  
Pryor, David W.  
Reim, Benjamin D.  
Romano, Nicholas P.  
Sweeney, Lauren E.

**CALIFORNIA**

**COACHELLA VALLEY**

Hoffman, Frank  
Luevano, Hannah M.

**LONG BEACH**

Beltran, Amelia M.

**LOS ANGELES**

Bouchet, Maya J.  
Chandrasekhar,  
Sowmya  
Dias, Nicole M.

**OAKLAND**

Aguigui, Kevin G.  
Chang, Elbert K.  
Dole, Ryan J.  
Tanner, Monica R.

**ORANGE**

Bet Govargez, Barsin  
Gaines, Terrence A.  
Guzman, Arturo  
Koivunemi, Kyle R.  
Lepore, Michael J.  
Stake, Austin W.  
Zuwawa, Ahmed

**PLEASANTON**

Huie, Ben Q.  
Hoac, Anthony G.  
Kirby, Jennifer A.  
Muthireddy, Prasanna R.  
Patel, Akash S.  
Whaley, Tyler J.

**RIVERSIDE**

Alvarez, Leticia  
Thomas, Kevin G.

**SACRAMENTO**

Gregerson, Chris P.  
Miller, Timothy D.  
Paderna, Robert V.  
Pantoja, Antonio J.

**SANTA CLARITA**

Choi, Michael

**SAN DIEGO**

Allegoran, Ian B.  
Boukai, Emily

Diorio, Michael A.  
Jumanan, Lauren K.  
Kragel, Kyle C.  
Moreno, Tammie C.  
Oleskowicz, Nick J.

**SAN JOSE**

Nguyen, Samantha  
Morgan, Matthew J.  
Puttagunta, Rabindra  
Silkwood, Blake A.

**SAN MATEO**

Nelson, Karl K.  
Braun, Tatiana

**CAROLINAS**

**CHARLESTON**

Sutherland, Marianne M.  
Warfield, M. Casey

**CHARLOTTE**

Claudio-Diaz, Jason L.  
Spacek, Anthony J.  
Watts, Austin L.

**COLUMBIA**

Clamp, Blake A.  
Pierce, Gene E.

**DURHAM**

**DOWNTOWN**

Purvis, Zachary G.  
Westwood, Kelsey R.

**FORT MILL**

Hanson, Andrew J.  
Massey, Amy B.

**GREENVILLE**

Publicover, Katherine M.

**HOLLY SPRINGS**

Vickery, Bryan T.

**RALEIGH**

Bostic, Christopher O.  
Dale, Jeffery W.  
Fluitt, Jon T.  
Griffin, Josh W.  
Hamby, Joshua B.  
Hartshorn, Jason R.  
Moore, Jeffrey W.  
Phillips, Stacie L.  
Robinson, Larry D.

**CENTRAL**

**CELINA**

Dufour, Ryan T.  
Hensley, Todd A.  
Malan, Craig M.  
Murphree, Brent L.

**DALLAS**

Dollan, Jeffrey W.  
Meza, Sarah M.  
McGee, Peyton E.  
Moody, Bryan R.  
Ploetzner, Jamie L.  
Rathbun, Robert A.

**DALLAS DOWNTOWN**

Drake, Emily L.  
Scott, Sarah E.

**FORT WORTH**

Brewer, Cody R.  
DeWeirdt, David J.  
Kercho, Joshua C.  
Landon, Jeff R.  
Tidwell, Trenton D.

**FRISCO**

Campbell, Kelsey L.  
Duenwald, Matt R.  
Fletcher, Thomas L.  
Hodge, Blake B.  
Kaiser, Jason M.

**IRVING/LAS COLINAS**

Delmotte, Ryan M.

**MCKINNEY**

Budke, Andrew J.  
Korus, Rachel A.  
Riccardi, Joseph C.  
Williams, Stuart A.

**NORTHWEST**

**ARKANSAS**

Cox, B. Matthew

**OKLAHOMA CITY**

Cooksey, Steven R.  
Schmidt, Luke A.

**RICHARDSON**

Halluin, David M.  
Gallagher, Daniel P.  
Kerby, Jonathan C.  
New, Nathan C.

**SHERMAN**

Carlisle, Michael J.

**TERRELL**

Lucas, Matthew A.

**TULSA**

Akerman, Rusty J.

**WEATHERFORD**

Tatum, Jenifer R.

**FLORIDA**

**BOCA-DELRAY**

Horning, Joshua D.  
Lopez, Armando J.  
Walker, Brady J.

**DAYTONA BEACH**

McConnell, Nicole E.

**FORT LAUDERDALE**

Balaban, George  
Brosman, Matthew P.  
Lafferty, John F.  
Ghitelman, Jaime

**FORT MYERS**

Arnold, Kimberly K.  
Eckmann, Douglas H.  
Mercer, David K.  
Rairden, Ian M.

**GAINESVILLE**

Manley, Claire E.

**JACKSONVILLE**

Cockriel, Joshua W.  
Krehbiel, Wendy J.  
Reuther, Christopher M.  
Schilling, William J.

**LAKE LAND**

Tondreault, Jamison R.

**LAKE NONA**

Stickler, Jennifer J.  
Swisher, Jeffrey R.  
Taylor, James M.

**MIAMI**

Dorman, Cory D.  
Fuentes, Juan J.  
Gonzalez, Gregory A.  
Herrera, Alberto P.  
Lizama, Ignacio L.  
Pasken, Kenneth A.

**NAPLES**

Basabi, Sina E.  
Harris, Michael J.

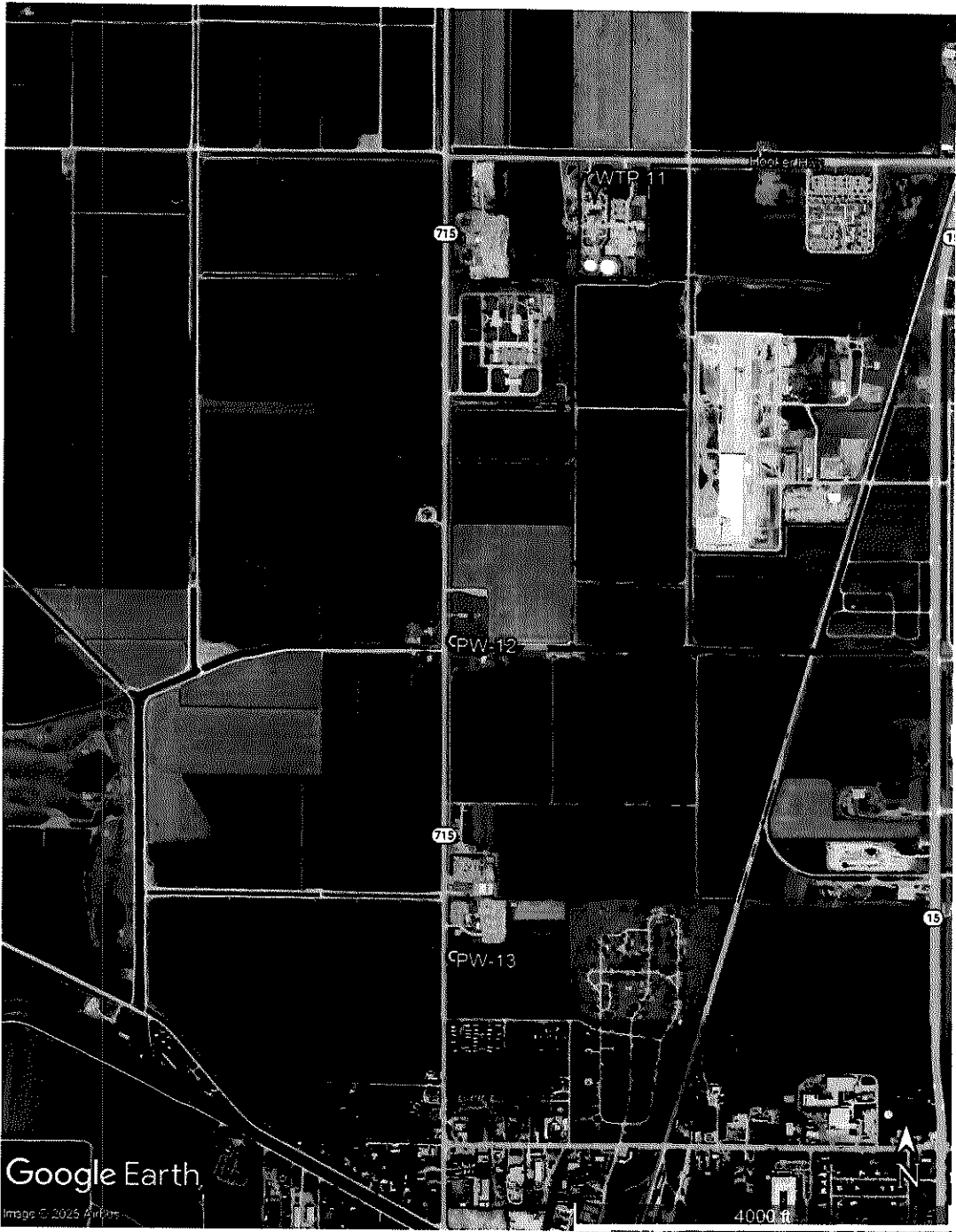
**OCALA**

Ansari, Mohammad A.  
Elliott, Cara A.  
Garri, Alan J.

ATTACHMENT 2

Location Map

PBCWUD Project No. 25-030



Revised 06-12-24



Palm Beach County  
Compliance Summary Report

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00002556	JLA Geosciences, Inc.	Modified	Compliant					23-026	Contract For Consulting/Professional Services Utility Hydrogeologic Engineering Services
		Ar , XV	Midvale Indemnity Company	CA00024841	4/22/2025	4/22/2026	Auto Liability		
		Ap , X	Palomar Excess and Surplus Insurance Company	ENX031332901	4/22/2025	4/22/2026	Excess Liability		
		Ap , X	Palomar Excess and Surplus Insurance Company	ENC031332801	4/22/2025	4/22/2026	General Liability		
		Ap , X	Palomar Excess and Surplus Insurance Company	ENC031332801	4/22/2025	4/22/2026	Professional Liability		
		A-r , XV	Associated Industries Insurance Company, Inc.	TWC4600647	5/8/2025	5/8/2026	Workers Comp		

Risk Profile : Standard - Professional Services  
Required Additional Insured : Palm Beach County Board of County Commissioners  
Ownership Entity :