

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2026	2027	2028	2029	2030
Capital Expenditures	\$576,179	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	\$576,179	0	0	0	0
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0

Budget Account No.: Fund 4011 Dept 721 Unit W031 Object 6543

Is Item Included in Current Budget? Yes X No

Does this item include the use of Federal Funds? Yes No X

Does this item include the use of 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: *[Signature]*

III. REVIEW COMMENTS

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

<u><i>[Signature]</i></u> 3/13/26 OFMB	<u><i>[Signature]</i></u> 3/13/26 Contract Development and Control
<i>[Initials]</i> 3/13/26	<i>[Initials]</i> 3/16/26
<i>[Initials]</i> 3/13/26	26 3.16.26

B. Legal Sufficiency:

[Signature] 3/17/26
Assistant County Attorney

C. Other Department Review:

Department Director

CONSULTANT SERVICES AUTHORIZATION NO. 15
Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
Pressure Pipeline Engineering Services
Resolution No. R2021-0505 Contract Dated April 20, 2021

Project Title: Okeechobee Blvd Water Main Extension, Seminole Pratt Whitney Rd to Arden Community

PBCWUD Project No.: 26-024

Consultant: Mock, Roos & Associates, Inc.

Address: 5720 Corporate Way, West Palm Beach FL 33407

Budget Line Item No.: 4011-721-W031-6543

District No.: 6

This Consultant Services Authorization provides for: engineering services for the installation of approximately 16,000 linear feet (3 miles) of 24-inch water main including, surveying services, geotechnical exploration, construction drawings, permitting assistance, and bid support services for the Florida Power and Light (FPL) water main redundancy installation, along Okeechobee Boulevard.

(See ATTACHMENT A for detailed scope of services)

The Contract provides for 34.00% SBE participation. This Consultant Services Authorization includes 100.00% overall SBE participation. The cumulative SBE participation, including this Consultant Services Authorization is 67.24%.

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 \$576,178.20

B. Fixed price of \$0.00

C. Total \$576,178.20

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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Community

PBCWUD Project No.: 26-024

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 April 20, 2021, 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.
8. The Contract and this Consultant Services Authorization is subject to the County Emergency Ordinance 2025-014, approved by the Board of County Commissioners on June 3, 2025.

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PBCWUD Project No.: 26-024

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

Michael A. Caruso, Clerk of the Circuit Court
& Comptroller, Palm Beach County

Palm Beach County, Board
of County Commissioners

ATTEST:

Signed: _____

Handwritten: HM
KB for
AB

Signed: _____
Sara Baxter, Mayor

Typed Name: _____
Deputy Clerk

(Date)

Approved as to Form and Legal
Sufficiency

Mock, Roos & Associates, Inc.
(Consultant)

Signed: _____

Handwritten signature of Michael W. Jones

Thomas A. Biggs, P.E.
(Print Name)

Typed Name: Michael W. Jones
County Attorney

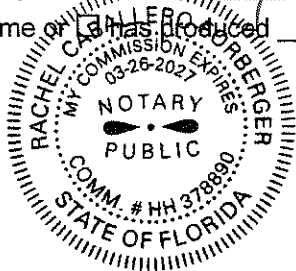
(Signature)

Executive Vice President
(Title)

2/17/20
(Date)

STATE OF FLORIDA
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 17th day of February, 2020, by Thomas Biggs who is personally known to me or has produced _____ as identification.



Rachel Calderon-Ferber
(Signature of Notary Public - State of Florida)

(Print, Type, or Stamp Commissioned Name of Notary Public)

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LIST OF ATTACHMENTS

ATTACHMENT A	Scope of Services
ATTACHMENT B	Summary and Status of Consultant Services Authorizations
ATTACHMENT C	OSBD Schedules 1 and 2
ATTACHMENT D	Project Schedule
ATTACHMENT E	Budget Summary
ATTACHMENT F	Summary of SBE Business Tracking
ATTACHMENT G	Location Map

REVISED 01-27-26

ATTACHMENT A

SCOPE OF SERVICES

PBCWUD Project No.: 26-024

Project Title: Okeechobee Blvd Water Main Extension, Seminole Pratt Whitney Rd to Arden
Community

Mock, Roos & Associates, Inc. (CONSULTANT) shall perform:

BACKGROUND

Palm Beach County Water Utilities Department (PBCWUD) operates a regional potable water distribution system serving the eastern portion of its utility service area, extending west to the Florida Power and Light (FPL) West County Energy Center, located west of Royal Palm Beach along the north side of Southern Boulevard (SR 80).

To improve system redundancy and long-term reliability of potable water service to the Arden development, future development east of Arden, and the FPL West County Energy Center, PBCWUD requested CONSULTANT to provide engineering design services for a new 24-inch potable water main extension. In general, the proposed pipeline is expected to follow the same corridor as the existing reclaimed water transmission line serving FPL within the existing and proposed Okeechobee Boulevard right-of-way.

Palm Beach County Engineering and Public Works funded an alignment study for the proposed Okeechobee Boulevard Extension from Seminole Pratt Whitney Road west to Southern Boulevard during the current fiscal year. The project is listed as an upcoming Request for Proposals (RFP) on the Engineering and Public Works Roadway Production website. Existing Okeechobee Boulevard right-of-way has been secured north of the Arden development.

PROJECT DESCRIPTION

This project includes design of a new 24-inch potable water main extending from the existing 24-inch water main located on the southwest side of the intersection of Seminole Pratt Whitney Road and Okeechobee Boulevard (east tie-in) to the existing connection at the north side of the Arden development (west tie-in), creating redundant conveyance, a looped system, and additional capacity.

The proposed pipeline route is approximately 16,000 linear feet (approximately 3 miles).

Design elements are anticipated to include tees for future connections, gate valves, air release valves (ARVs), restrained joints, associated appurtenances, and a horizontal directional drill (HDD) installation under the Seminole Improvement District (SID) M-2 Canal. Other selected segments may also be installed by HDD where required, however, open-cut installation is preferred where feasible and permitted.

CONSULTANT will provide engineering and related professional services and will serve as PBCWUD's Engineer of Record for the project, as more specifically described in the Scope of Services.

Task 1 – Preliminary Engineering

- Existing Document Review – Request available Okeechobee Road right-of-way information from Palm Beach County Engineering and Public Works. Review existing information in preparation for the project kickoff meeting, obtain and review reclaimed water main record information and easement documents.
- Scope and Alignment Review Meeting - Meet with PBCWUD staff to review the scope of the project, general location of proposed improvements, and obtain PBCWUD input regarding expectations for the project. The kickoff meeting will be followed by a visit to the proposed project alignment to observe and photo document the existing conditions, to obtain additional information from PBCWUD staff pertaining to current issues with the existing parallel reclaimed water main, recent project flow concerns, and expectations for the parallel potable water main. Discuss alignment alternatives and solicit PBCWUD input regarding alignment choices and impact on project schedule, project permitting and anticipated construction costs. A memorandum will document alignment discussions and direction.
- Survey Limits, Control, and Base Mapping – Perform route survey and mapping services for the proposed 24-inch potable water main corridor, including establishment of horizontal control tied to Palm Beach County control (NAD 83/90 Adjustment), vertical control tied to Palm Beach County benchmarks (NAVD 1988), and benchmark leveling with benchmark placement at intervals not exceeding approximately 600 feet (targeting at least one (1) benchmark per plan sheet). Prepare a base map depicting existing right-of-way, record easements, and adjacent parcel information using available plats/deeds and Palm Beach County Property Appraiser Public Access (PAPA) data. Complete topographic survey and cross sections in general accordance with Chapter 5J-17.050 through 5J-17.052, Florida Administrative Code, and Section 472.027, Florida Statute, including location of visible/attainable surface features and utilities (including pavement, curb/sidewalk, drainage/sanitary/water appurtenances, signs, poles, and overhead utilities, horizontal location only), with cross sections at approximately 100-foot intervals and supplemental shots at key transitions as needed. Survey limits generally extend from the Seminole Pratt Whitney Road/Okeechobee Boulevard area west to the Arden connection corridor, including approximately 50 feet beyond the south right-of-way along Okeechobee Boulevard, the Cheatham Hill Boulevard segment described in the alignment definition, applicable Lions Holding LLC/right-of-way segments, and the approximate corridor north of Arden through Artistry/Leonard Land Company. Canal crossing support will include three (3) soundings south of the bridge in the proposed subaqueous crossing area. Scope also includes tree survey and tagging for native trees 4-inch Diameter at Breast Height (DBH) and larger (palms by clear trunk), excluding hedges/groundcover and exotic species (including melaleuca, Brazilian pepper, and Australian pine), with signed/sealed tree survey deliverables and AutoCAD files. Prepare legal descriptions and sketches for up to five (5) easement parcels based on record ownership/plat information, consistent with Palm Beach County requirements and Florida standards.
- Subsurface Utility Locations - Review available record information and survey data. Call in a Sunshine One Call design ticket and coordinate with the utility companies identified on

the ticket to have infrastructure located within the project limits. Submit base drawings to other local utilities such as gas, power, and telecommunication providers for mark-up of their existing utilities. Plot utility locations received on the drawing base sheets. Obtain available record information and update drawings to show known utilities. Attend a site visit to visually verify basemap and utilities provided by franchise utility companies.

- Test Holes / Soft Digs - Provide and coordinate underground utility location services to confirm existing subsurface utility locations at up to thirty (30) test holes, as necessary to advance engineering design to 60% completion. Perform an American Society of Civil Engineers (ASCE) 38-02 Quality Level B utility investigation, in order to identify the utility conflicts within a 5-foot radius of the test hole locations along the proposed alignment. Mark detected facilities with American Public Works Association (APWA) compliant colors, flags on soft ground and washable chalk on hard surfaces. Provide an ASCE 38-02 Quality Level A field investigation within the project limits. Provide a test-hole report with the obtainable data, utility description, depth, size, type, direction, and material of the facility. Provide survey and location of utility test holes using network corrected Global Navigation Satellite Systems (GNSS) surveying methods.
- Geotechnical Engineering Services - Perform fifteen (15) Standard Penetration Test (SPT) borings at the site to depths of 10-feet below grade along the pipe route and two (2) SPT borings to a depth of 50-feet adjacent to the M-2 Canal. The SPT borings will be performed with truck-mounted machinery using rotary drilling procedures. After completion of drilling, all boreholes will be grouted and the site generally cleaned, as required. Visually classify samples per Unified Soil Classification System (USCS) and perform lab testing (moisture, Atterberg limits, organic content, gradation/percent fines) in accordance with American Society for Testing and Materials (ASTM) methods. Prepare a geotechnical engineering report documenting field and laboratory results for the proposed water main.
- Preliminary Base Sheets - Prepare and submit preliminary base sheets at 1-inch = 20-foot scale (approximately 400-linear feet per sheet and 40 sheets) to PBCWUD for review and comment.
- Critical Existing Valves - Identify critical existing valves that need to be fully closed for completing tie-ins during construction. Coordinate with PBCWUD engineering staff to confirm that the critical valves fully close. Results of this task will be incorporated into the construction contract document development.
- Preliminary Submittal Review - Meet with PBCWUD engineering staff to review the preliminary base sheet submittal and respond to questions or comments.

Task 1 Deliverables

- Alignment decision memorandum.
- Topographic survey for the project corridor.
- Test-hole report prepared to document existing utilities located during the field investigation.
- Geotechnical report with soil boring.
- Preliminary base sheets.

Task 2 – Design Phase Services

- **Construction Drawings** - Develop one (1) set of construction drawings consisting of a cover sheet, general notes and location map, key sheet, suggested by-pass sequence, plan, and profile sheets (approximately 40, 1" = 20' scale at 22" x 34" sheets), enlarged tie-in details as necessary, and detail sheets. Review the design in the field prior to submittal to PBCWUD. CONSULTANT will follow established standards and processes for the assurance of quality control in the development of deliverables associated with the design effort. All quality reviews will be sufficiently documented with each of the construction contract document development submittals. The development of the construction drawings will follow a standard Intermediate (60-percent), Pre-Final (95-percent) and Final (100-percent) review schedule. The Quality Assurance / Quality Control (QA/QC) process will resolve comments and issues at the appropriate point in the review process. CONSULTANT will compile the construction drawings adequately for awarding the project via the PBCWUD's continuing contract and for constructing the referenced improvements.
- **Technical Specifications** - Prepare technical specifications and a schedule of values for the project, anticipated to be awarded to one contractor via competitive bid as one project. CONSULTANT will follow established standards and processes for the assurance of quality control in the development of deliverables associated with the design effort. All quality reviews will be sufficiently documented with each of the Contract Document Development Submittals. The development of the technical specifications will follow a standard Intermediate (60-percent) List of Specifications by Division, Pre-Final (95-percent) and Final (100-percent) complete specifications for review. The QA/QC process will resolve comments and issues at the appropriate point in the review process. CONSULTANT will compile the technical specifications adequately for awarding the project via PBCWUD's continuing contract and for constructing the referenced improvements.
- **60% and 95% Submittals** - Submit progress drawings at 60-percent and 95-percent completion. The 60-percent intermediate progress submittal is anticipated to address the comments from the preliminary design and include the completed survey, construction drawings, a list of technical specifications by division, and a Preliminary Engineer's Opinion of Construction Cost. The 60-percent intermediate progress submittal is intended to define and "lock" the Project components, confirm budget, and provide sufficient technical detail to allow PBCWUD to evaluate and comment on the design at the intermediate level. The 95-percent pre-final progress submittal is anticipated to address the comments from the 60-percent intermediate progress submittal and include the completed design calculation, construction drawings, the technical specifications by division, and an Updated Engineer's Opinion of Probable Construction Cost (EOPCC). The 95-percent pre-final progress submittal is intended to confirm budget, provide sufficient technical detail to allow PBCWUD to evaluate and comment on the design. It is intended that the pre-final design will be provided to the permitting agencies for review.
- **Submittal Review** - Meet with PBCWUD after each submittal to review progress drawings, discuss design options, and respond to questions.
- **Quantities Estimate/EOPCC** - Estimate quantities and prepare an EOPCC at 60%, 95% and 100% completion levels.

- Florida Department of Health (FDOH) in Palm Beach County Permit Packages - Prepare a FDOH in Palm Beach County permit application package including attachments and submit for approval. Prepare and submit responses to FDOH comments, if required.
- Utility in Right of Way Permit Applications - Prepare utility in roadway permit applications to Florida Department of Transportation (FDOT), Palm Beach County Engineering and Public Works-Land - Development Division (PBCLD), and Seminole Improvement District (SID). Prepare and submit responses to PBCLD comments, if required.
- Final Design Phase Deliverables - Provide 100-percent final design phase deliverables consisting of construction drawings, project specifications, and schedule of values in electronic portable data files (PDF) format. The 100-percent submittal will include construction constraints such as allowable shutdown time periods, required by-pass, and any suggested sequences of construction.

Task 2 Deliverables

- 60-percent complete submittal package.
- 95-percent complete submittal package.
- 100-percent complete submittal package.
- EOPCC and construction duration recommendations.
- Permit Applications for FDOT, PBCHD, and PBCLD.

Task 3 – Project Award

- Bid Phase Administration and Support – Support PBCWUD during bidding, including participation in pre-bid coordination (as requested), responding to bidder questions, and assisting with interpretation of the plans and specifications.
- Addenda Preparation – Prepare draft addenda documents as needed to clarify the bid documents, incorporate agreed-upon revisions, and address bidder questions. Coordinate addenda content with PBCWUD prior to issuance.
- Bid Evaluation Assistance – Assist PBCWUD with bid evaluation, including review of bid tabulations, identification of irregularities or apparent errors, review of alternates/unit prices (if applicable), and confirmation that bids are responsive to the contract requirements.
- Recommendation of Award – Prepare a recommendation of award memorandum summarizing bid results, identifying the apparent low responsive/responsible bidder, and documenting key considerations for award.
- Contract Document Conformance Support – Following award, assist with preparation of conformed contract documents, including incorporation of addenda, final selected bid forms, and any approved clarifications into a conformed set suitable for execution.

Task 3 Deliverables

- Written responses to bidder questions and clarifications for PBCWUD use.
- Draft addenda packages (as required) for PBCWUD issuance.
- Bid evaluation support materials (bid tabulation review notes and responsiveness observations).
- Recommendation of award memorandum.
- Conformed contract documents incorporating issued addenda and final bid information.

Task 4 – Engineering Services During Construction

- Engineering Services During Construction (ESDC) are not included in this authorization and may be provided as a supplement.

Task 5 – Project Management

- Project Management and Coordination – Provide overall project management for the duration of the design and bidding phases, including coordination with PBCWUD and stakeholder agencies to support the project schedule and deliverables.
- Kickoff Meeting and Project Controls – Conduct a project kickoff meeting with PBCWUD to confirm project goals, schedule, and deliverable expectations. Establish project controls including a task schedule and deliverable tracking.
- Progress Meetings and Coordination Calls – Participate in routine progress meetings and coordination calls with PBCWUD to review status, key decisions, schedule, and action items. Meetings will be coordinated to align with major submittals (60%, 95%, and 100%) and permitting milestones. Up to six (6) meetings are included.
- Agency and Stakeholder Coordination Support – Support ongoing coordination with stakeholders and permitting agencies as required throughout the project, including coordination related to Palm Beach County Land Development for Okeechobee Boulevard Road right-of-way requirements, the SID M-2 canal crossing, and other proposed developments. Up to eight (8) meetings are included.
- QA/QC – Perform internal QA/QC reviews at key milestones, including review of the 60%, 95%, and 100% deliverables prior to submittal. Maintain QA/QC documentation and incorporate quality review comments into the design documents. Up to eight (8) hours per submittal are included.

Task 5 Deliverables

- Project kickoff meeting agenda and summary notes.

- Project schedule and periodic schedule/status updates (including early-out tracking).
- Progress meeting agendas, summaries, and action item log updates.
- QA/QC documentation and milestone review completion (60%, 95%, and 100%).

Task 6 – Permit Fee Allowance

- **Permit Fee Allowance:** A permit fee allowance for anticipated agency application/review fees associated with this project. Permit fees will be paid from this allowance on a pass-through basis with no markup, supported by agency invoices/receipts. Any unused balance will be credited back to PBCWUD, fees exceeding the allowance will require a supplement.

Task 6 Deliverables

- Permit fees paid with invoices

Assumptions

1. Deliverable Formats – Deliverables will be provided electronically (PDF and AutoCAD) unless otherwise directed by PBCWUD. Printing, large-format plan sets, and distribution beyond standard electronic transmittals are excluded unless requested.
2. Construction Phase Services – Construction phase engineering (Engineering During Construction / Construction Administration) is not included in this Consultant Services Authorization (CSA) and may be added by supplement.
3. Environmental Site Assessment and Permitting is not anticipated or included in this authorization.
4. Off-duty police assistance for lane closures is not anticipated and not included in this proposal.
5. PBCWUD shall perform easement coordination, public outreach, and coordination with project stakeholders. CONSULTANT can assist with preparing easement exhibits and then sketch and legal descriptions as identified in the scope.
6. Hazardous materials - Unless otherwise specifically required by this Agreement or Purchase Orders, the CONSULTANT shall not have any responsibility for the discovery, presence, handling, removal, or disposal of, any hazardous or toxic substance of any form at the project site.
7. 90-days has been included for permitting. A pre-application meeting will be held with Palm Beach County Engineering and Public Works – Land Development Division to help expedite the permitting process. A separate coordination meeting will also be held with the Palm Beach County Roadway Division. PBCWUD will attend the meeting with the CONSULTANT and if permitting extends beyond 90 days, additional time will be added to the schedule as needed (with PBCWUD concurrence).

ATTACHMENT B
SUMMARY AND STATUS OF CONSULTANT SERVICES AUTHORIZATIONS

Auth. No.	PBCWUD Project No.	Title	Status	Project Total Amount	SBE Total Amount	SBE Participation %	Authorized	
							By	Date
1	21-026	Florida Power and Light Water Main Redundancy Installation	Closed	\$428,274.84	\$146,844.34	34.28%	BCC	04/20/2021
2	22-035	Construction Phase Services for Miscellaneous Distribution and Collection Systems Projects	Closed	\$46,910.00	\$5,550.00	11.83%	Director	05/09/2023
3	20-076	Lake Worth Road Force Main Improvements	Approved	\$175,242.00	\$48,000.00	27.39%	BCC	02/07/2023
3.1	20-076	Lake Worth Road Force Main Improvements	Approved	\$79,540.00	\$79,540.00	100%	CRC	11/20/2024
4	22-056	Century Village South Water Main Improvements	Approved	\$336,136.00	\$118,560.00	35.27%	BCC	07/11/2023
5	23-039	Technical Assistance for Capital Improvement Projects	Closed	\$38,600.00	\$5,550.00	14.37%	Director	08/10/2023
6	23-057	Regional Transfer Pump Station Location Evaluation	Approved	\$199,507.00	\$78,897.00	39.54%	Director	05/07/2024
6.1	23-057	Regional Transfer Pump Station Location Evaluation	Approved	\$38,896.00	\$38,896.00	100%	WUD	9/17/2025
7	24-009	East-West Water Main Interconnection Feasibility Study	Closed	\$147,207.00	\$61,071.00	41.48%	BCC	03/12/2024
8	20-076	Lake Worth Road Force Main - Phase 2 Engineering Services During Construction	Approved	\$478,772.00	\$478,772.00	100.00%	BCC	04/01/2025
9	22-035	Construction Phase Services for Miscellaneous Distribution and Collection Systems Projects	Approved	\$95,980.00	\$95,980.00	100.00%	CRC	10/09/2024
10	23-039	Technical Assistance for Capital Improvement Projects	Approved	\$90,436.00	\$90,436.00	100.00%	CRC	10/30/2024
11	25-005	Surveying and Permitting Assistance with Utility Encroachments within the Hillsboro Canal Right-of-Way in Belle Glade	Approved	\$72,021.74	\$72,021.74	100.00%	Director	6/12/2025

12	24-007	Turnpike Widening Belvedere Rd. to North of Okeechobee Blvd. FDOT #406143-8	Approved	\$157,860.00	\$80,948.00	51.27%	CRC	7/16/2025
13	25-019	L-14 16-inch Aerial Crossing Removal	Approved	\$43,809.44	\$43,809.44	100%	Director	1/20/2026
14	26-022	Water Treatment Plant No. 2 Raw Water Main Extension	Pending	\$786,089.28	\$678,593.28	86.32%	BCC	Pending
15	26-024	Okeechobee Blvd Water Main Extension, Seminole Pratt Whitney Rd to Arden Community	Pending	\$576,178.20	\$576,178.20	67.24%	BCC	Pending

ATTACHMENT C

OSBD SCHEDULE 1

OFFICE OF SMALL BUSINESS DEVELOPMENT

OSBD SCHEDULE 1

Okeechobee Blvd Water Main Extension, Seminole Pratt

SOLICITATION/PROJECT/BID NAME: Whitney Rd to Arden Community

SOLICITATION/PROJECT/BID NO.: 26-024

SOLICITATION OPENING/SUBMITTAL DATE: April 20, 2021

COUNTY DEPARTMENT: Palm Beach County 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: Mock, Roos & Associates, Inc.

ADDRESS: 5720 Corporate Way, West Palm Beach, FL 33407

CONTACT PERSON: Garrytt G. Gruber, P.E.

PHONE NO.: (561)472-6293

E-MAIL: garry.gruber@mockroos.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$394,784.00

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

Non-SBE

SBE

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)		DOLLAR AMOUNT OR PERCENTAGE OF WORK
	Non-SBE	SBE	
1. Brown & Phillips, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$153,911.20
2. WIRX Engineering LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$ 27,483.00
3.	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	

(Please use additional sheets if necessary)

Total Bid/Offer Price \$ 576,178.20

Total \$181,394.20

Total Certified SBE Participation \$ 576,178.20

I hereby certify that the above information is accurate to the best of my knowledge:



Garrytt G. Gruber, P.E. Senior Vice President

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 OSBD Affirmative Procurement Initiative (API). Please
 - 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.

ATTACHMENT C

OSBD SCHEDULE 2

OFFICE OF SMALL BUSINESS DEVELOPMENT

REVISED 01-27-26

OSBD 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: 26-024

SOLICITATION/PROJECT NAME: Okeechobee Blvd Water Main Extension, Seminole Pratt Whitney Rd to Arden Community

Prime Contractor: Mock, Roos & Associates, Inc. Subcontractor: Mock, Roos & Associates, Inc.

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 5/13/2024-5/12/2027

SBE PARTICIPATION – SBE 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. SBE credit will only be given for the areas in which the SBE 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	Contingendes/ Allowances	Total Price/Percentage
1	Engineering Services	1			\$394,784.00

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: \$394,784.00

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.

Name of 2nd/3rd tier Subcontractor/subconsultant _____ Price or Percentage: _____

Mock, Roos & Associates, Inc.

Print Name of Prime

By: 
Authorized Signature

Thomas A. Biggs, P.E.

Print Name


Executive Vice President

Title

Date: 2/17/2024

Mock, Roos & Associates, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Thomas A. Biggs, P.E.

Print Name

Executive Vice President

Title

Date: 2/17/2024

OSBD 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: 26-024

SOLICITATION/PROJECT NAME: Okeechobee Blvd Water Main Extension Seminole Pratt Whitney Rd to Arden Community

Prime Contractor: Mock, Roos & Associates, Inc. Subcontractor: Brown & Phillips, Inc.

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 1/31/2025 to 1/30/2028

SBE PARTICIPATION – SBE 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. SBE credit will only be given for the areas in which the SBE 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
1	Topographic Survey	1			\$153,911.20

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: \$153,911.20

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.

Name of 2nd/3rd tier Subcontractor/subconsultant _____ Price or Percentage: _____

Mock, Roos & Associates, Inc.

Print Name of Prime

By: 
Authorized Signature

Thomas A. Biggs, P.E.

Print Name

Executive Vice President

Title

Date: February 10, 2026

Brown & Phillips, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Anthony S. Brown, P.L.S.

Print Name

CEO

Title

Date: February 10, 2026

OSBD 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: 26-024

SOLICITATION/PROJECT NAME: Okeechobee Blvd Water Main Extension, Seminole Pratt Whitney Rd to Arden Community

Prime Contractor: Mock, Roos & Associates, Inc. Subcontractor: WIRX Engineering LLC

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 4/17/2023 to 4/16/2026

SBE PARTICIPATION – SBE 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. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

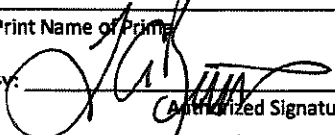
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Geotechnical Services	1			\$27,483.00

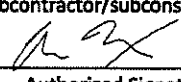
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$27,483.00

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.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Mock, Roos & Associates, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
Thomas A. Biggs, P.E.
 Print Name
Executive Vice President
 Title
 Date: February 10, 2026

WIRX Engineering LLC
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
Andrew Nixon, P.E.
 Print Name
Managing Partner
 Title
 Date: February 10, 2026

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 - Preliminary Engineering	150
Task 2 – Design Phase Services	360*
Task 3 - Project Award	480**
Task 4 - Engineering Services During Construction	TBD
Task 5 - Project Management	555
Task 6 - Permit Fee Allowance	N/A

* Task includes PBCWUD review time of fourteen (14) days per submittal.

*Permitting Assumes 120 days for a Palm Beach County Land Development Permit.

** Bidding Services includes forty-five (45) days to advertise and thirty (30) days for Bidding the Project

An adjustment to the overall schedule will be required in the event the review meeting takes longer to be conducted and/or obtaining comments takes longer to receive. Permitting is anticipated to be completed within 360 days from NTP. 90 days are provided for review by Palm Beach County Land Development, if permitting exceeds the 90 days then an adjustment to the overall schedule will be required. If significant delays of the above are encountered, the overall schedule for this is subject to change.

REVISED 01-27-26

Palm Beach County Water Utilities Department
 Contract for Consulting/Professional Services: Pressure Pipeline E
 Resolution No.: R2021-0505 Contract Dated: April 20, 2021
 Consultant Services Authorization: No. 15
 Consultant: Mock, Roos & Associates, Inc.
 Project Title: Okeechobee Blvd Water Main Extension, Seminole Pratt
 PBCWUD Project No.: 21-026

BUDGET SUMMARY FOR FIRM

Task Number	Task Description
	Raw Rate RANGE frm MASTER EXHIBIT C
	Raw Rate >
	Multiplier >
	Bill Rate >
TASK 1	PRELIMINARY ENGINEERING
	Existing Document Review
	Scope and Alignment Review Meeting
	Survey Limits, Control, SUE, and Base Mapping
	Subsurface Utility Locations
	Test Holes / Soft Digs
	Geotechnical Engineering Services
	Preliminary Base Sheets
	Critical Existing Valves
	Preliminary Submittal Review
	Task 1 - Subtotal Hours
TASK 2	DESIGN PHASE SERVICES
	Construction Drawings
	Technical Specifications
	60% and 95% Submittals
	Submittal Review
	Quantities Estimate/EOPCC
	Health Department Permit Packages
	Utility in Right of Way Permit Applications
	Final Design Phase Deliverables
	Task 2 - Subtotal Hours
TASK 3	PROJECT AWARD
	Bid Phase Administration and Support
	Addenda Preparation
	Bid Evaluation Assistance
	Recommendation of Award
	Contract Document Conformance Support
	Task 3 - Subtotal Hours
TASK 4	ENGINEERING SERVICES DURING CONSTRUCTION
	Engineering Services During Construction (ESDC) are not included in this authorization and may be provided as a supplement
	Task 4 - Subtotal Hours
TASK 5	PROJECT MANAGEMENT
	Project Management and Coordination
	Kickoff Meeting and Project Controls
	Progress Meetings and Coordination Calls
	Agency and Stakeholder Coordination Support
	Quality Assurance / Quality Control (QA/QC)
	Task 5 - Subtotal Hours
TASK 6	PERMIT FEE ALLOWANCE
	Permit Fee Allowance
	Task 6 - Subtotal Hours
	Labor Subtotal Hours
	Labor Raw Costs
	Labor Subtotal (Bill Rate * Labor Subtotal Hours)
	PROJECT TOTAL

**ATTACHMENT E
BUDGET SUMMARY**

Palm Beach County Water Utilities Department
 Contract for Consulting/Professional Services: Pressure Pipeline Engineering Services
 Resolution No.: R2021-0505 Contract Dated: April 20, 2021
 Consultant Services Authorization: No. 15
 Consultant: Mock, Roos & Associates, Inc.
 Project Title: Okeechobee Blvd Water Main Extension, Seminole Pratt Whitney Rd to Arden Community
 PBCWUD Project No.: 21-026

BUDGET SUMMARY

Task Number	Task Description	PRIME	SUBCONSULTANTS		TOTAL
			Brown & Phillips, Inc.	WIRX Engineering LLC	
OSBD APPROVED AWARDED CATEGORY		SBE	SBE	SBE	
TASK 1	PRELIMINARY ENGINEERING				
	Task 1 Subtotal	\$ 76,880.00	\$ 153,911.20	\$ -	\$ 230,791.20
TASK 2	DESIGN PHASE SERVICES				
	Task 2 - Subtotal	\$ 250,164.00		\$ 27,483.00	\$ 277,647.00
TASK 3	PROJECT AWARD				
	Task 3 - Subtotal	\$ 11,188.00	\$ -	\$ -	\$ 11,188.00
TASK 4	ENGINEERING SERVICES DURING CONSTRUCTION				
	Task 4 - Subtotal	\$ 0.00	\$ -	\$ -	\$ -
TASK 5	PROJECT MANAGEMENT				
	Task 5 - Subtotal	\$ 49,052.00	\$ -	\$ -	\$ 49,052.00
TASK 6	PERMIT FEE ALLOWANCE				
	Task 6 - Subtotal	\$ 7,500.00	\$ -		\$ 7,500.00
	TOTAL PROJECT	\$ 394,784.00	\$ 153,911.20	\$ 27,483.00	\$ 576,178.20
	TOTAL SBE	68.51%	26.71%	4.76%	100.00%



February 6, 2026

Mock•Roos
5720 Corporate Way
West Palm Beach, FL 33407

Attention: John Cairnes, P.E.
Email: John.Cairnes@mockroos.com

**Subject: Proposal for Geotechnical Engineering Services
PBCWUD Arden Raw Watermain Expansion Project
Palm Beach County, Florida
WIRX Proposal No.: 26-P-012**

Dear John Cairnes, P.E.,

WIRX Engineering, LLC (WIRX) is pleased to submit this proposal for the above-referenced project. We understand that it is proposed to design and construct approximately 15,000 feet of watermain pipeline that includes one crossing, which will either be an aerial crossing or horizontally directional drilled. 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 truck-mounted drill rig and personnel.
4. Perform two (2) Standard Penetration Test (SPT) borings to a depth of 50 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. Perform fifteen (15) SPT borings to a depth of 10 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.

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



Attachment A - Fee Breakdown

**PBCWUD Arden Raw Watermain Expansion Project
Palm Beach County, Florida
WIRX Proposal No.: 26-P-012**

	Qty	Unit	Unit Price	Total
1.0 FIELD EXPLORATION				
1.1 <u>Field & Utility Coordination</u>				
1.1.1 Project Engineer (PE)	6	Hour	\$ 165.00	\$ 990.00
1.2 <u>Drilling Equipment Mobilization</u>				
1.2.1 Truck Mount (0-50 Miles)	1	Each	\$ 550.00	\$ 550.00
1.2.2 Support Vehicle	3	Day	\$ 275.00	\$ 825.00
1.3 <u>SPT Borings (15 to 10' & 2 to 50')</u>				
1.3.1 Standard Penetration Tests (0' - 50')	250	Foot	\$ 22.00	\$ 5,500.00
1.3.2 Temporary Casing (0' - 50')	250	Foot	\$ 12.00	\$ 3,000.00
1.3.3 Borehole Grouting (0' - 50')	250	Foot	\$ 9.00	\$ 2,250.00
1.4 <u>Supervision & Logging (3 days)</u>				
1.4.1 Staff Engineer	30	Hour	\$ 135.00	\$ 4,050.00
			TOTAL FIELD WORK	\$ 17,165.00
2.0 LABORATORY TESTING SERVICES				
2.1 Project Engineer (PE)	4	Hour	\$ 165.00	\$ 660.00
2.2 Moisture Content Laboratory	25	Test	\$ 25.00	\$ 625.00
2.3 Materials Finer than 200 Sieve	17	Test	\$ 55.00	\$ 935.00
2.4 Organic Content Ignition	8	Test	\$ 65.00	\$ 520.00
			TOTAL LABORATORY SERVICES	\$ 2,740.00
3.0 PROFESSIONAL ENGINEERING AND REPORTING SERVICES				
3.1 Senior Engineer (PE)	6	Hour	\$ 185.00	\$ 1,110.00
3.2 Project Engineer (PE)	12	Hour	\$ 165.00	\$ 1,980.00
3.3 Staff Engineer	24	Hour	\$ 135.00	\$ 3,240.00
3.4 Cadd Operator	16	Hour	\$ 78.00	\$ 1,248.00
			TOTAL PROFESSIONAL SERVICES	\$ 7,578.00
			TOTAL AMOUNT	\$ 27,483.00

Attachment A - Fee Breakdown (With Multiplier and Raw Rates)
Okeechobee Blvd Water Main Extension, Seminole Pratt Whitney Rd to Arden Community
WUD Project No. 26-024
Palm Beach County Water Utilities Department
WIRX Proposal to Mock Roos & Associates, Inc
WIRX Proposal No.: 26-P-012

1.0 FIELD EXPLORATION

		Qty	Unit	Factor	Raw Rate	Unit Price	Total
1.1	Field & Utility Coordination						
1.1.1	Project Engineer (PE)	6	Hour	3	\$55.00	\$165.00	\$990.00
1.2	Drilling Equipment Mobilization						
1.2.1	Truck Mount (0-50 Miles)	1	Each			\$550.00	\$550.00
1.2.2	Support Vehicle	3	Day			\$275.00	\$825.00
1.3	SPT Borings (15 to 10' & 2 to 50')						
1.3.1	Standard Penetration Tests (0' - 50')	250	Foot			\$22.00	\$5,500.00
1.3.2	Temporary Casing (0' - 50')	250	Foot			\$12.00	\$3,000.00
1.3.3	Borehole Grouting (0' - 50')	250	Foot			\$9.00	\$2,250.00
1.4	Supervision & Logging (3 days)						
1.4.1	Staff Engineer	30	Hour	3	\$45.00	\$ 135.00	\$ 4,050.00
TOTAL FIELD WORK							\$17,165.00

2.0 LABORATORY TESTING SERVICES

		Qty	Unit	Factor	Raw Rate	Unit Price	Total
2.1	Project Engineer (PE)	4	Hour	3	\$55.00	\$165.00	\$660.00
2.2	Moisture Content Laboratory	25	Test			\$25.00	\$625.00
2.3	Materials Finer than 200 Sieve	17	Test			\$55.00	\$935.00
2.4	Organic Content Ignition	8	Test			\$65.00	\$520.00
TOTAL LABORATORY SERVICES							\$2,740.00

3.0 PROFESSIONAL ENGINEERING AND REPORTING SERVICES

		Qty	Unit	Factor	Raw Rate	Unit Price	Total
3.1	Senior Engineer (PE)	6	Hour	3	\$61.67	\$185.00	\$1,110.00
3.2	Project Engineer (PE)	12	Hour	3	\$55.00	\$165.00	\$1,980.00
3.3	Staff Engineer	24	Hour	3	\$45.00	\$135.00	\$3,240.00
3.4	Cadd Operator	16	Hour	3	\$26.00	\$78.00	\$1,248.00
TOTAL PROFESSIONAL SERVICES							\$7,578.00

TOTAL AMOUNT							\$27,483.00
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BROWN & PHILLIPS, Inc.
P R O F E S S I O N A L S U R V E Y I N G S E R V I C E S

February 9, 2026

Mr. Scott Rosslow, P.E.
Mock Roos and Associates, Inc.
5720 Corporate Way
West Palm Beach, FL 33407

**Re: Palm Beach County Water Utilities Department (PBCWUD) FPL 24" Water Main
Redundancy Installation
Topographic Survey for New Route (±3 miles)**

Dear Scott:

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

Using the information supplied by Mock Roos and Associates, Inc., we will establish the right of way and existing easements along the route. A traverse will be run through the route, and all found monumentation will be tied in. The survey will be oriented to Palm Beach County horizontal control (NAD 83/90 Adjustment).

II. VERTICAL PROJECT NETWORK CONTROL

A level run will be performed along the route using the existing Palm Beach County benchmarks (NAVD 1988). Benchmarks will be set along the route, not exceeding 600 feet apart, so that we will have at least one benchmark per plan sheet.

III. RIGHT-OF-WAY

We will compile information from existing plats and deeds (per the PAPA website) and prepare a project base map showing the existing right-of-way and any pertinent parcel information abutting the right-of-way.

IV. TOPOGRAPHY AND CROSS SECTIONS

A topographic survey will be performed along the route in accordance with the Standards of Practice as contained in Chapter 5J-17.050 -17.052, Florida Administrative Code, pursuant to Section 472.027 of the Florida Statutes. The survey will tie in all visible and attainable fixed improvements and utilities within the right-of-way. This will include, but not limited to, existing pavement, curbing, and sidewalks; water, sanitary sewer, and drainage facilities; signs, utility and light poles, overhead wires (horizontal location only), outline of landscaped areas, and other above-ground topographic features. These locations will show all features within the 30'± wide corridor (except for roadway areas where we will topo right-of-way to right-of-way) and farm fields. Cross sections will be done along the route at approximately 100' intervals. The route topographic survey limits will include the following from your email dated February 3, 2026:

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

(561) 615-3988 • Fax (561) 615-3991

MAPROPOSALSUBY COMPANY Mock RoosPBCWUD FPL Water MainPBC WUD FPL proposed 24-inch WM route topographic survey.docx

- Route is to start at the intersection of Seminole Pratt Whitney Road and Okéechobee Boulevard. Limits will extend approximately 50' beyond the south right of way along Okeechobee Boulevard.
- To the west, a subaqueous crossing of the canal is proposed. We will obtain three (3) soundings on the canal south of the bridge.
- North along Cheatom Hill Boulevard to the north 160' of the south 300' at Lion Country Safari (Palm Beach County Right-of-Way for Okeechobee Boulevard)
- The right-of-way for Lions Holding LLC
- An approximate 200' strip roughly parallel to the PBC R/W north of Arden and through Artistry and Leonard Land Company turning into the Lions Holding LLC.

The approximate limits of the topographic survey are shown outlined in pink on Attachment 'B'.

V. ASBUILTS

We will attempt to get as-built information on all the pipes leading out of any storm or sanitary sewer structures found. We will show invert elevations, pipe sizes and materials for all pipes located including outfall pipes.

VI. SUBSURFACE UTILITY ENGINEERING – UTILITY TARGETING AND TEST HOLES

We will scan and target the underground utilities within the limits of the survey. We will then locate the designated utilities and add them to the survey. In addition, we will perform up to thirty (30) test holes at locations to be determined. We will locate the test holes and obtain the elevations of the pipes in each hole. We will add the test hole locations to the survey and prepare test hole reports that include the elevations of the pipes (x, y, and z). Approximately thirty (30) test holes are proposed.

Notes:

When providing electronic depth reading with either GPR or electromagnetic locating equipment, there is always a margin of error and are not 100% accurate.

Subsurface Utility Designating does not guarantee that all utilities will be found. Work performed will adhere to ASCE Standard 38-02, Quality Level B, "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data".

Call Sunshine 811 before digging.

Client to provide plans, as-builts, or Utility Atlas of all known utilities in the area, if available.

VII. TREE SURVEY

We will locate and tag native trees 4 inches in diameter or larger. Trees will be measured at breast height, and palms will be measured at clear trunk height. Hedges and ground cover will not be located or shown on the survey. Exotic trees such as Melaleuca, Brazilian pepper and Australian pine will not be located or shown on the survey. We will identify the various types of trees located on this site based on common knowledge of tree species. A qualified landscape architect should be employed for positive identification of tree species. We will then produce a drawing showing all the trees located. We will provide you with signed and sealed hard copies and an AutoCAD file of the trees located.

VIII. LEGAL DESCRIPTIONS AND SKETCHES

We will prepare legal descriptions and sketches for easements, as required. These sketches will be based on record ownership data and record plats provided by Palm Beach County. All sketches will be consistent with the requirements of Palm Beach County and Florida Standards of Practice. We have estimated five (5) parcels for this project at \$600.00 each totaling \$3,000.00.

IX. ITEMS NOT INCLUDED

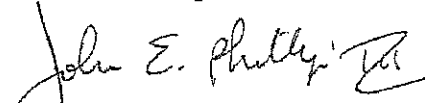
The proposed boundary and topographic survey will **not** include the following items:

- a. Sub-surface foundations of structures
- b. Storm and sanitary sewer inverts of recessed, debris-filled structures, or in active traffic lanes
- c. Traffic control, lane closures, or off duty police
- d. Roof drains
- e. Sprinkler heads
- f. Overhead clearances (signal heads, wires, bridges, roofs, overhangs, walkways, etc.)
- g. Temporary features such as trailers, movable barriers/fences, solar lighting, etc.
- h. Not a boundary survey

X. CLOSURE

A drawing (24" x 36" sheets on a 1" = 20' scale) will be produced which will show all the features located. We propose to provide Mock Roos and Associates, Inc. with hard copies, a digitally signed PDF file, and an AutoCAD file in the version requested. Any additional work will be done on an hourly basis as approved by you. We will perform the scope of services for a **lump sum fee of \$127,627.60 for the survey, \$23,283.60 for up to thirty potholes, and \$3,000.00 for five legal descriptions and sketches, for a grand total of \$153,911.20** (see Attachment 'A' for an estimated hourly breakdown). 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



BROWN & PHILLIPS, Inc.
 PROFESSIONAL SURVEYING SERVICES

ATTACHMENT 'A' (1 of 2)

Palm Beach County Water Utilities Department (PBCWUD) FPL 24" Water Main
 Redundancy Installation –Topographic Survey for New Route

Type of Survey: Route Topographic

Size: 3± miles

Date: February 9, 2026

TASK	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				8	
Horizontal Project Network Control	40		8	2	Establish control points
Compile existing right-of-way and prepare base map			50	16	
Vertical Project Network Control	60		8	2	Set benchmarks along corridor
Section Ties, Subdivision, and Property Ties	30		8	3	Tie in adjoining property corners and section corners
Topography & Cross Sections	250		45	16	Locate all above ground features in route and 100' cross sections
Asbuilts	20		4	1	Asbuilt structures
Underground Utilities	32		5	1	Locate marked utilities
Trees	70		20	3	Locate trees over 4" in diameter (not exotics)
Drawing		180	28	14	Prepare topographic survey
Total Hours:	502	180	176	66	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$25,401.20	\$5,580.00	\$5,456.00	\$2,772.00	
Total Labor Cost (unloaded):					\$39,209.20
Multiplier:					3.00
Total Labor Cost (loaded) WM Route:					\$117,627.60

Direct Costs:	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>	
SUE - Utility Targeting	5	days	\$2,000.00	\$10,000.00	
Total Other Direct Costs:					<u>\$10,000.00</u>
TOTAL PRICE FOR ROUTE TOPOGRAPHIC SURVEY:					\$127,627.60



BROWN & PHILLIPS, Inc.
 PROFESSIONAL SURVEYING SERVICES

ATTACHMENT 'A' (2 of 2)

Palm Beach County Water Utilities Department (PBCWUD) FPL 24" Water Main
 Redundancy Installation –Topographic Survey for New Route

TASK - SUE Test Holes	SURVEY CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Horizontal and Vertical Project Network Control	8		2		Find control points
Locate test holes	24		5		Field locate test holes (x, y, z) 30 +/-
Drawing		8	3	2	Prepare test hole reports and digital file - Add to survey
Total Hours:	32	8	10	2	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	(unloaded rates)
Subtotal:	\$1,619.20	\$248.00	\$310.00	\$84.00	
Total Labor Cost (unloaded):					\$2,261.20
Multiplier:					3.00
Total Labor Cost (loaded) for test hole tie-in:					\$6,783.60

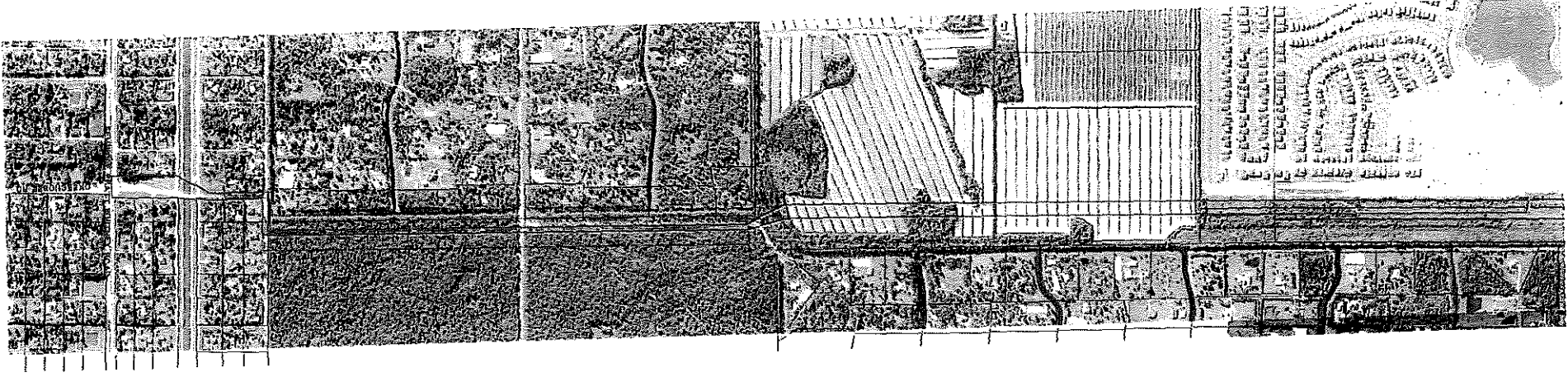
<u>Direct Costs:</u>	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>	
SUE Test Holes	30	each	\$550.00	\$16,500.00	
Total Direct Costs:					\$16,500.00

TOTAL COST FOR 10 TEST HOLES: \$23,283.60

<u>Other Direct Costs:</u>	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>	
Legal Description & Sketch	5	each	\$600.00	\$3,000.00	
Total Other Direct Costs:					\$3,000.00

PROJECT GRAND TOTAL: \$153,911.20

Attachment 'B'



Attachment 'B' is a photograph of the proposed site for the proposed development.

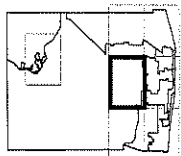
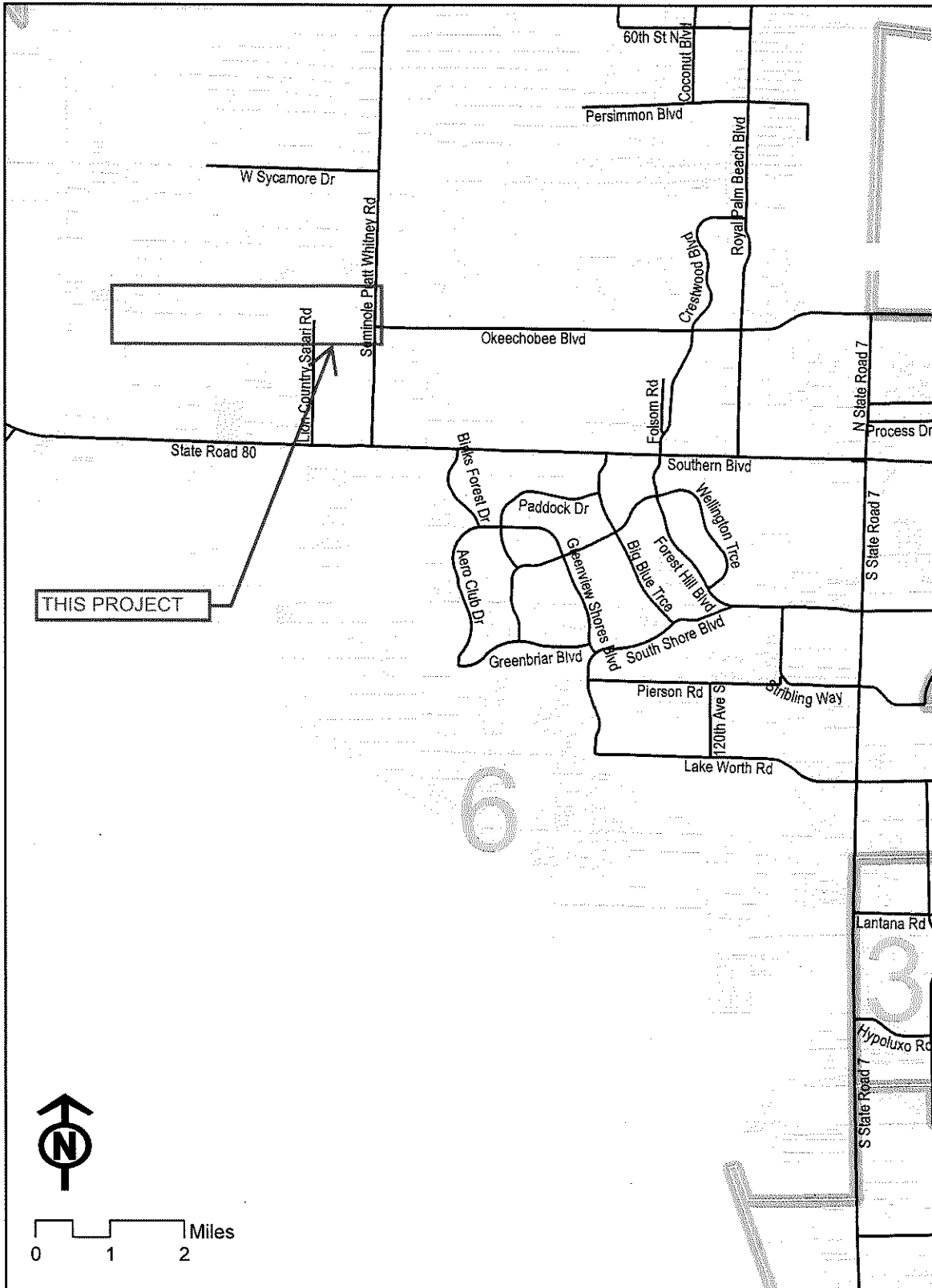
ATTACHMENT F
Palm Beach County Water Utilities Department
PRESSURE PIPELINE ENGINEERING SERVICES
Resolution No. R2021-0505 Contract Dated April 20, 2021

**SUMMARY OF
SBE BUSINESS TRACKING**

Master Contract Goals	SBE: 34%
Current Proposal	
Value of Authorization No. 15	\$ 576,178.20
Value of SBE-M/WBE Letters of Intent	\$ 576,178.20
Actual Percentage	100.00%
Signed/Approved Authorizations	
Total Value of Authorizations	\$2,429,192.02
Total Value of MBE Signed Subcontractors	\$1,444,875.52
Actual Percentage	59.47%
Signed/Approved Authorizations Plus Current Proposal	
Total Value of Authorization	\$3,005,370.22
Total Value of Subcontractors & Letters of Intent	\$2,021,053.72
Actual Percentage	67.24%

REVISED 1-27-2026

ATTACHMENT G
LOCATION MAP
PBCWUD PROJECT No. 26-024



Location Sketch



Water Utilities Department
Engineering Division

8100 Forest Hill Blvd
West Palm Beach, FL 33413

(561) 493-6000

Fax: (561) 493-6085

www.pbcwater.com

Palm Beach County
Board of County
Commissioners

Maria G. Marino, Mayor

Sara Baxter, Vice Mayor

Gregg K. Weiss

Joel G. Flores

Marci Woodward

Maria Sachs

Bobby Powell Jr.

Interim County Administrator

Todd J. Bonlarron

"An Equal Opportunity Employer"

Official Electronic Letterhead

June 11, 2025

Mr. Thomas A. Biggs, P.E., Executive Vice-President
Mock Roos & Associates Inc
5720 Corporate Way
West Palm Beach, Florida 33407

Re: Project Number: 20-044
Pressure Pipeline Engineering Services
Notification of Contract Clauses No Longer Being
Enforced Pursuant to Emergency Ordinance 2025-014


Dear Mr. Biggs,

On June 3, 2025, the Board of County Commissioners (BCC) approved an emergency ordinance to suspend the race and gender conscious provisions of the County's EBO ordinance. The suspension will remain in effect for two years or until further direction by the BCC, whichever comes first. As a result, the provisions relating to minority/women-owned business enterprise (M/WBEs) participation contained in the contract document (R2021-0505) under Article 7- Subcontracting will not be enforced as of June 3, 2025, only the small business enterprise (SBE) provisions will apply.

Please sign below to acknowledge receipt of this notification. This acknowledgement will be included in, and made part of, the contract file.

Should you require any additional information please contact Ms. Christina Bervin at cbervin@pbcwater.com or at (561) 493 5203.

Cordially,


Jane House, P.E., LEED AP
Director of Engineering Division

Receipt Acknowledged and In Agreement:

Mock, Roos & Associates, Inc.

(Consultant)

Thomas A. Biggs, P.E.

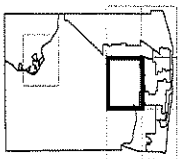
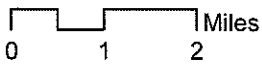
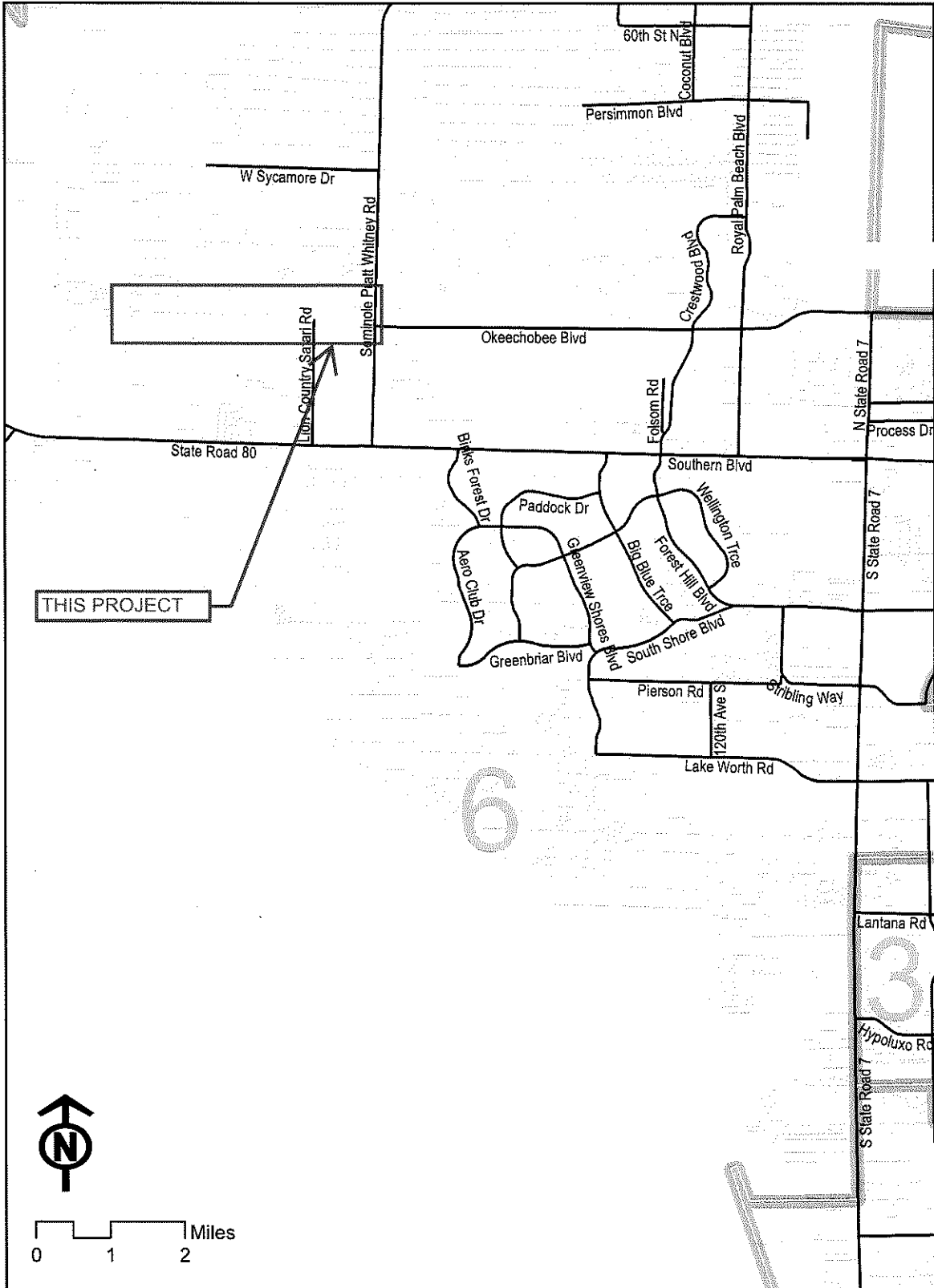
(Print Name)


(Signature)

July 14, 2025

(Date)

**ATTACHMENT 2
LOCATION MAP
AGEBDA ITEM
PBCWUD PROJECT No. 26-024**



Location Sketch

ATTACHMENT 3



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
DX00001988	Mock, Roos & Associates, Inc.	Modified	Compliant					20-044	Pressure Pipeline Engineering Services
		A+g , XV	The Continental Insurance Company	7063909307	1/1/2026	1/1/2027	Auto Liability		
		A+g , XV	The Continental Insurance Company	CUE5084970362	1/1/2026	1/1/2027	Excess Liability		
		A+g , XV	American Casualty Company of Reading, Pennsylvania	5084971043	1/1/2026	1/1/2027	General Liability		
		A+g , XV	XL Specialty Insurance Company	DPR5042767	4/26/2025	4/26/2026	Professional Liability		
		A+g , XV	Valley Forge Insurance Company	WC584970328	1/1/2026	1/1/2027	Workers Comp		

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