

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2025	2026	2027	2028	2029
Capital Expenditures	<u>\$386,785</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Operating Costs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>(\$386,785)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Budget Account No.:	Fund <u>1164</u>	Dept <u>720</u>	Unit <u>509A</u>	Object <u>6505</u>	

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:

The project is funded by ARPA Response Replacement Funds.

C. Department Fiscal Review: *Jonny Foreman*

III. REVIEW COMMENTS

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

Linda Nantz 5/12/25
OFMB *QA 5/7*
MD 5/7 *MAF 5/7*

Krinda Gruchals 5/8/25
Contract Development and Control

B. Legal Sufficiency:

[Signature] 5/14/25
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. 7
Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
General Utility, Architectural and Value Engineering Services
Resolution No. R2023-1786 Contract Dated December 05, 2023

Project Title: Septic to Sewer Conversion for Parks Department

PBCWUD Project No.: 24-038

Consultant: Chen Moore and Associates, Inc.

Address: 500 Australian Avenue South, Suite 850, West Palm Beach, FL 33401

Budget Line Item No.: 1164-720-509A-6505

District No.: 3 and 6

This Consultant Services Authorization provides for: Design, permitting and bidding assistance of sewer systems conversions at five (5) parks. The purpose of the project is to assist Palm Beach County Parks Department in its efforts to transition from use of septic systems for wastewater disposal to a connection to a public sewer system. The upgraded sewer systems will be for Canal Point Community Center, Triangle Park, Duncan Padgett Park, Lake Lytal Park, and John Prince Park (South).

(See **ATTACHMENT A** for detailed scope of services)

The Contract provides for 31% SBE participation, which includes 23% MBE participation, 23%.

This Consultant Services Authorization includes 37.95% overall participation which includes, 32.66% MBE participation, 32.66% MBE (B).

The cumulative SBE participation, including this Consultant Services Authorization is 26.34%, which includes 28.39% MBE participation, 24.64% MBE (B).

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 \$386,785.00.

B. Fixed price of \$0.00.

C. Total \$386,785.00

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.

CONSULTANT SERVICES AUTHORIZATION NO. 7
Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
General Utility, Architectural and Value Engineering Services
Resolution No. R2023-1786 Contract Dated 12/05/2023

Project Title: Septic to Sewer Conversion for Parks Department

PBCWUD Project No.: 24-038

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 12/05/2023, 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. 7
Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
General Utility, Architectural and Value Engineering Services
Resolution No. R2023-1786 Contract Dated 12/05/2023

Project Title: Septic to Sewer Conversion for Parks Department

PBCWUD Project No.: 24-038

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: _____

Signed: _____

Maria G. Marino, Mayor

*HM
A13*

Typed Name: _____

Deputy Clerk

(Date)

Approved as to Form and Legal
Sufficiency

Signed: _____

Type Name: Michael W. Jones
County Attorney

Chen Moore and Associates, Inc.
(Consultant)

Suzanne Dombrowski, P.E., ENV SP
(Print Name)

(Signature)

Principal Engineer
(Title)

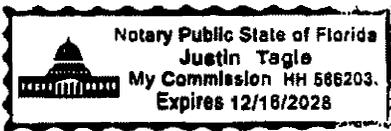
3/18/2025
(Date)

STATE OF FLORIDA
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of physical presence or online notarization,
this 18 day of March, 2025, by Suzanne Dombrowski who is personally known
to me or has produced _____ as identification.

(Signature of Notary Public - State of Florida)

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



500 S. Australian Ave., Suite 850
West Palm Beach, FL 33401
Office: +1 (561) 746-6900



February 12, 2024

SENT VIA E-MAIL (kberntsen@pbcwater.com)

Mrs. Krystin Berntsen, P.E., PMP
Deputy Director
Palm Beach County Water Utilities Department
8100 Forest Hill Boulevard
West Palm Beach, FL 33416

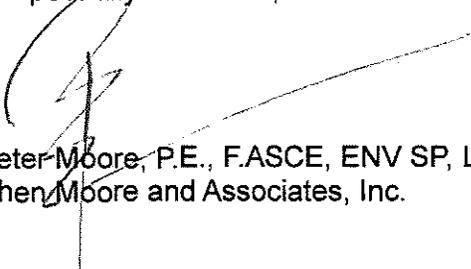
Re: Request for Addition of Signature Authority
Contract for Consulting/Professional Services
General Utility, Architectural and Value Engineering Services
PBCWUD Project #23-029

Dear Mrs. Berntsen:

With this letter, I am allowing Suzanne Dombrowski, Principal Engineer, to have signature authority on behalf of Chen Moore and Associates, Inc. for letters, forms, contracts and other related documents under Contract #WUD 23-029 Consulting/Professional Services General Utility, Architectural and Value Engineering Services.

Should you have any questions, please do not hesitate to contact me at (561)746-6900 ext. 1002 or pmoore@chenmoore.com

Respectfully submitted,



Peter Moore, P.E., F.ASCE, ENV SP, LEED AP, President
Chen Moore and Associates, Inc.

CC: Suzanne Dombrowski, P.E., ENV SP, Principal Engineer
Chen Moore and Associates, Inc.

chenmoore.com

LIST OF ATTACHMENTS

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

ATTACHMENT A

SCOPE OF SERVICES

Project Title: Septic to Sewer Conversion for Parks Department

PBCWUD Project No.: 24-038

Chen Moore and Associates, Inc. (CONSULTANT) shall perform: the design, permitting and bidding assistance of sewer systems at five (5) parks. The purpose of the project is to assist the Palm Beach County Parks Department in its efforts to transform the use of septic systems for wastewater disposal to a connection to the sewer system. The upgraded sewer systems will be for Canal Point Community Center, Triangle Park, Duncan Padgett Park, Lake Lytal Park, and John Prince Park (South).

BACKGROUND

The Palm Beach County Parks and Recreation Department (PBC Parks) is undertaking a project to transition from existing septic systems to a centralized sanitary sewer system for various parks. This project involves the disconnection and abandonment of current septic systems, new sanitary sewer systems, and connection to the existing sewer network wherever possible.

The upgrades will cover multiple park locations, including Canal Point Community Center, Triangle Park, Duncan Padgett Park, Lake Lytal Park, and John Prince Park (South). Each site will see a similar scope of work, including the replacement of septic systems with new sewer service connections and the abandonment of the old septic systems. The new park infrastructure will enhance the sanitary conditions and support environmental goals by reducing nutrient loads.

SCOPE OF SERVICES

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

TASK 1 - DATA COLLECTION AND FIELD SERVICES

The CONSULTANT will perform a topographic survey of the project area to develop a base map of the existing conditions, identify any conflicts and define conceptual design. At this time, the CONSULTANT will perform an investigation of existing utilities utilizing Sunshine One Call and review available record drawings. Once a base map of the existing conditions is developed based on the topographic survey and utility mapping, the CONSULTANT will perform a site visit to identify any potential impacts to the conceptual sewer system.

As part of this initial data collection and existing condition analysis, CONSULTANT will estimate wastewater flows from the park and surrounding areas based on land use, population density, and health department and property appraiser data. For developed areas, flow rates will reflect current usage patterns, while undeveloped areas will require projections based on potential future development and land-use plans. The level of service (LOS) criteria will be established to ensure the wastewater system meets Palm Beach County Water Utilities District (PBCWUD) needs. This will be based on acceptable flow capacities, peak flow allowances, and performance measures for the system, such as pressure and velocity. Using the existing InfoWater Pro model for the area adjacent to the park, the CONSULTANT will review current infrastructure LOS. The average and peak pressure, as well as velocity in the force main, will be analyzed.

Revised 06-12-24

A projection will be made for the wastewater system's performance over the next 25 years, accounting for population growth and land-use changes. This will include forecasting average and peak flow rates, as well as system capacities under projected conditions. The findings from the analysis will be summarized in a memorandum.

Task 1 Deliverable

Portable Document Format (PDF) copy of survey, one (1) signed and sealed survey (22" x 34"), PDF copy of conceptual design (22" x 34"), one (1) technical memorandum per park.

Task 1 Assumptions

1. PBC Parks shall provide available record drawings.
2. No appraisals, title searches, or boundary surveys will be required of the existing site. Boundary surveys may be part of the sketch and legal descriptions.
3. PBCWUD and City of Lake Worth Beach (City) shall identify the minimum and maximum anticipated connection pressure for each force main connection and the pressure location/elevation in the system.
4. The pump stations will be a PBCWUD approved package system.
5. Infowater Pro model data.

TASK 2 - 60 PERCENT DESIGN DOCUMENTS

The CONSULTANT shall attend field, coordination and progress meetings in coordination with PBCWUD. The CONSULTANT will prepare detailed design drawings based on the requirements of the project. An Engineer's Opinion of Probable Construction Cost (EOPCC) will also be included. The plans will identify the location of any septic tank to be abandoned and will include notes regarding the proper methods for septic tank abandonment. It is assumed that the construction plans will consist of the following sheets for each park:

- Cover Sheet, general notes, plan sheet (1 sheet per 400 linear feet of system), profile sheet as needed (assumed 2 sheets), electrical sheets, lift station sheets, details (up to 7 sheets).

A draft of the design drawings and conceptual cost estimate will be provided for review and comment by Palm Beach County (PBC) staff. At this time, a review meeting will be held with PBC staff to discuss the design drawings. The Consultant will prepare a sign-in sheet, agenda and meeting summary to document the discussion of the meeting.

Task 2 Deliverable

A PDF copy of the minutes from all meetings will be provided as well as one (1) copy of design drawings (22" x 34") and digital copies containing PDFs of all submittal items.

Task 2 Assumptions

1. New Florida Power and Light services will be coordinated during design, and the contractor will apply for the meter.
2. Water service line tap locations will be within thirty (30) feet of the lift station locations.
3. The size of the force main for each project within the right-of-way will be decided on by PBCWUD, based on the technical memorandum and operational feedback.
4. The pump station will be a PBCWUD approved package system.

Revised 06-12-24

TASK 3 - 90 PERCENT DESIGN DOCUMENTS

The CONSULTANT shall attend field, coordination and progress meetings in coordination with PBCWUD. Based on the comments of PBC staff, the CONSULTANT will revise the draft documents, cost estimate and prepare final design drawings for review prior to permitting. Based on the 60% plans, the CONSULTANT will request a geotechnical engineering standard penetration test (SPT) and subsurface utility excavation services.

Task 3 Deliverable

The PDF copy of minutes from all meetings will be provided as well as one (1) copy of design drawings (22" x 34") and digital copies containing PDFs of all submittal items and test results.

Task 3 Assumptions

1. No structural design is included in this Task.
2. Updating of Record Drawings is not included in this Task.

TASK 4- PERMIT SUBMITTAL

The CONSULTANT will prepare, submit and procure a permit from the Palm Beach County Health Department, local municipality and authority having jurisdiction over the right-of-way for construction of the sewer improvements as designed.

Task 4 Deliverable

The PDF copy of all permits obtained will be provided as well as the plans used to obtain the permits.

Task 4 Assumptions

1. PBCWUD shall be responsible for all applicable permit fees.
2. A maximum of one (1) municipality and one (1) authority having jurisdiction over a right-of-way permit will be required at each park.
3. The CONSULTANT shall assist the selected contractor in obtaining the building department permits by providing the signed and sealed copies of the drawings for the contractor's submittal to the building department. The CONSULTANT is not anticipated to complete the application or make the submittal prior to beginning the award phase.
4. All permitting submittals shall be electronic.

TASK 5 - BID PACKAGE SUBMITTAL

Based on any last comments of PBC staff, the CONSULTANT will revise the design documents, specifications, cost estimate and prepare bid documents for use in soliciting bids from contractors in an open bid process.

Task 5 Deliverable

Task 5 deliverables will be two (2) sets of plans (22" x 34"), two (2) sets of plans (11" x 17"), digital copies of the construction plans in AutoCAD format, two (2) copies of the cost estimate, digital copy of the cost estimate in Excel format, one (1) copy of the Technical specifications, copy of the Technical Specifications in Word Document, and digital copies containing PDFs of all submittal items.

Task 5 Assumptions

1. The CONSULTANT will use the best knowledge and good faith efforts to prepare an EOPCC. However, the CONSULTANT has no control or responsibility for the cost of materials, labor for the Construction Contractor, market conditions, or over the Construction Contractor's means, methods, sequences, scheduling, and techniques of construction. Therefore, the engineer cannot be responsible for any deviations and differences in the construction bids from the Construction Contractors and the CONSULTANT's EOPCC.

TASK 6 - BIDDING SERVICES

The CONSULTANT will assist PBC staff with development of the schedule of bid items. The CONSULTANT will attend a pre-bid meeting, review and comment on questions from Contractors and respond to written requests for additional information.

Task 6 Assumptions

1. No construction phase services are included in this Task.

TASK 7 - PROJECT MANAGEMENT

Project management encompasses contract administration, quality assurance/quality control (QA/QC), and project meetings with PBC staff. Contract administration will include monitoring project progress, managing resources to meet schedule, budget, quality, and maintaining communication with PBC staff, including preparing monthly invoices. For QA/QC, the consultant will conduct internal reviews of deliverables to ensure compliance with contract requirements before submission. Additionally, a monthly status report summarizing project progress will be submitted electronically once each month. Project meetings will be conducted, which include a design kick-off meeting, 60% and 90% submittal review meetings, and two (2) design coordination meetings.

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	20-045	Septic to Sewer Project at Okeeheelee Park, Lake Ida Park and Caloosa Park	Approved	\$473,271.87	\$169,509.12	35.81%	BCC	9/17/2024
2	19-051	Seminole Pratt Whitney Road & Northlake Boulevard Widening Utility Improvements	Approved	\$58,736.49	\$0.00	0.00%	CRC	9/11/2024
2.1	19-051	Seminole Pratt Whitney Road & Northlake Boulevard Widening Utility Improvements	Pending	\$22,613.76	\$0.00	0.00%	WUD	Pending
3	20-054	Forest Hill Boulevard and Military Trail Utility Relocation	Approved	\$33,393.90	\$0.00	0.00%	CRC	9/18/24
4	24-025	County-wide Hydraulic Modeling Evaluation and Training	Approved	\$97,543.68	\$0.00	0.00%	CRC	6/5/2024
4.1	24-025	County-wide Hydraulic Modeling Evaluation and Training	Pending	-\$75.00	\$45,069.00	0.00%	WUD	Pending
5	24-015	Lead Service Line Inventory	Approved	\$82,835.60	\$0.00	0.00%	CRC	5/8/2024
5.1	24-015	Lead Service Line Inventory	Approved	\$67,935.60	\$0.00	0.00%	CRC	Pending
6	24-028	Lyons Road Force Main between Yamato Road and L-38	Pending	\$282,492.68	\$100,384.52	35.53%	BCC	Pending
7	24-038	Septic to Sewer Conversion for Parks Department	Pending	\$386,785.00	\$146,790.91	37.95%	BCC	Pending

ATTACHMENT C

OEBO SCHEDULE 1

Office of Equal Business Opportunity Compliance Programs

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Septic to Sewer Conversion for Parks Department

SOLICITATION/PROJECT/BID NO.: 24-038

SOLICITATION OPENING/SUBMITTAL DATE: _____

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: Chen Moore and Associates, Inc.

ADDRESS: 500 Australian Avenue South, Suite 850,
West Palm Beach, FL 33401

CONTACT PERSON: Suzanne Dombrowski, P.E., ENV SP

PHONE NO.: (561)746-6900

E-MAIL: sdombrowski@chenmoore.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$239,994.09

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

Non-SBE	MBE	WBE	SBE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	MBE Minority Business	WBE Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Asian	Other
1. Ritzel-Mason, Inc. 5119 Beechwood Road Delray Beach, FL 33484	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$20,429.13	_____	_____
2. Brown & Phillips, Inc. 1860 Old Okeechobee Road, Suite 509 West Palm Beach, FL 33409	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$73,169.70	_____	_____	_____	_____	_____
3. Engineered Design Services LLC 515 N. Flagler Drive, Suite P-300 West Palm Beach, FL 33401	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$39,886.08	_____	_____	_____	_____	_____
4. Pacifica Engineering Services, LLC 601 N. Congress Avenue, Suite 303 Delray Beach, FL 33445	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$13,306.00	_____	_____	_____	_____	_____
5. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
Total					\$126,361.78	_____	_____	\$20,429.13	_____	_____

(Please use additional sheets if necessary)

Total Bid/Offer Price \$ 386,785.00

Total Certified S/M/WBE Participation \$ 146,790.91

I hereby certify that the above information is accurate to the best of my knowledge: Suzanne Dombrowski  Principal Engineer

- 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

ATTACHMENT C

OEBO SCHEDULE 2

Office of Equal Business Opportunity Compliance Programs

Revised 06-12-24

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: 24-038

SOLICITATION/PROJECT NAME: Septic to Sewer Conversion for Parks Department

Prime Contractor: Chen Moore and Associates, 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): 01/31/2025 - 01/30/2028

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
1	Surveyor Services	\$73,169.70	1	None	\$73,169.70

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: \$73,169.70

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

Chen Moore and Associates, Inc.

Print Name of Prime

By: [Signature]
 Authorized Signature

Suzanne Dombrowski, P.E., ENV SP
 Print Name

Principal Engineer
 Title

Date: 3/10/2025

Brown & Phillips, Inc.

Print Name of Subcontractor/subconsultant

By: [Signature]
 Authorized Signature

Anthony Brown, PLS
 Print Name

CEO
 Title

Date: 03/10/2025



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: 24-038

SOLICITATION/PROJECT NAME: Septic to Sewer Conversion for Parks Department

Prime Contractor: Chen Moore and Associates, Inc. Subcontractor: Engineered Design Services LLC

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 11/01/2024 to 10/31/2027

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
1	Electrical Services	\$39,886.08	1	None	\$39,886.08

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: \$39,886.08

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: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Chen Moore and Associates, Inc.

Print Name of Prime

By: 
Authorized Signature

Suzanne Dombrowski, P.E., ENV SP
Print Name

Principal Engineer

Title

Date: 3/17/2025

Engineered Design Services LLC

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Craig McKenzie, P.E.
Print Name

Manager, Authorized Member

Title

Date: 3/17/2025



If you have experienced or witnessed a violation of the EBO

OEBO LETTER OF INTENT – SCHEDULE 2

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SOLICITATION/PROJECT NUMBER: 24-038

SOLICITATION/PROJECT NAME: Septic to Sewer Conversion for Parks Department

Prime Contractor: Chen Moore and Associates, Inc. Subcontractor: Pacifica Engineering Services, LLC

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/25/2024 to 10/24/2027

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
1	Geotechnical Services	\$13,306.00	1	None	\$13,306.00

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: \$13,306.00

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
Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: N/A

Chen Moore and Associates, Inc.
Print Name of Prime

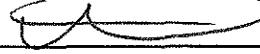
By: 
Authorized Signature

Suzanne Dombrowski, P.E., ENV SP
Print Name

Principal Engineer
Title

Date: 3/10/2025

Pacifica Engineering Services, LLC
Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Wesley Foster, P.E.
Print Name

President
Title

Date: MARCH 10, 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: 24-038

SOLICITATION/PROJECT NAME: Septic to Sewer Conversion for Parks Department

Prime Contractor: Chen Moore and Associates, Inc. Subcontractor: Ritzel-Mason, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 4/10/2025-4/9/2028

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

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
1	Subsurface Utility Engineering (SUE)	\$20,429.13	1	None	\$20,429.13

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: \$20,429.13

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: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Chen Moore and Associates, Inc.
 Print Name of Prime
 By: [Signature]
 Authorized Signature
Suzanne Dombrowski, P.E., ENV SP
 Print Name
Principal Engineer
 Title
 Date: 3/12/2025

Ritzel-Mason, Inc.
 Print Name of Subcontractor/subconsultant
 By: [Signature]
 Authorized Signature
Dennis Ritzel
 Print Name
Vice President
 Title
 Date: 3/12/2025



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

Revised 09/26/2024

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 (Calendar Days)</u>
<i>Task 1: Data Collection and Field Services</i>	90
<i>Task 2: 60 Percent Design Documents</i>	150
<i>Task 3: 90 Percent Design Documents</i>	210
<i>Task 4: Permit Submittal</i>	270
<i>Task 5: Bid Package Submittal</i>	290
<i>Task 6: Bidding Services</i>	380
<i>Task 7: Project Management</i>	380

Revised 06-12-24

**ATTACHMENT E
BUDGET SUMMARY**

**Palm Beach County Water Utilities Department
Contract For Consulting/Professional Services
Resolution No.
Consultant Services Authorization No.:
Consultant:
Sub Consultant:
Project Title:
PBCWUD Project No.:**

General Utility, Architectural and Value Engineering Services
R2023-1786 Contract Dated 12/05/2023
7
Chen Moore and Associates, Inc.
Brown & Phillips, Inc., Engineered Design Services LLC, Pacifica Engineering Services, LLC, Ritzel-Mason, Inc.
Septic to Sewer Conversion for Parks Department
24-038

Task Number	Task Description	Labor Classification and Hourly Rate											Total Labor	Sub Consultant Services
		Principal	Principal Engineer	Senior Engineer	Senior Constr. Specialist	Project Engineer	Associate Engineer	Senior Designer	Engineer	Senior Technician	Administrative Assistant	Intern		
	Labor Raw Costs	\$ 100.00	\$ 100.00	\$ 66.74	\$ 46.00	\$ 50.44	\$ 40.89	\$ 49.70	\$ 37.19	\$ 34.99	\$ 37.10	\$ 23.00		
1	DATA COLLECTION AND FIELD SERVICES													
1.1	Canal Point Community Center			8		8	4						\$ 3,303.00	
1.2	Triangle Park			8		8	4						\$ 3,303.00	
1.3	Duncan Padgett Park			8		8	4						\$ 3,303.00	
1.4	Lake Lytal Park			4		4	4						\$ 1,896.84	
1.5	John Prince Park (South)			8		8	4						\$ 3,303.00	
1.6	Survey Services												\$ -	\$ 73,169.70
	Subtotal Task 1	0	0	36	0	36	20	0	0	0	0	0	\$ 15,108.84	\$ 73,169.70
2	60 PERCENT DESIGN DOCUMENTS													
2.1	Canal Point Community Center			16		8	8	33	52				\$ 15,569.40	
2.2	Triangle Park			16		5	5	21	22				\$ 9,958.89	
2.3	Duncan Padgett Park			17		7	7	36	58				\$ 17,160.33	
2.4	Lake Lytal Park			15		5	5	18	16				\$ 8,842.17	
2.5	John Prince Park (South)			18		8	8	51	94				\$ 23,887.56	
2.6	Electrical Engineering Services												\$ -	\$ 22,505.28
	Subtotal Task 2	0	0	81	0	31	31	159	242	0	0	0	\$ 75,418.35	\$ 22,505.28
3	90 PERCENT DESIGN DOCUMENTS													
3.1	Canal Point Community Center			9		5	3	29	42				\$ 11,936.43	
3.2	Triangle Park			9		4	3	15	17				\$ 6,908.46	
3.3	Duncan Padgett Park			10		6	4	32	47				\$ 13,415.79	
3.4	Lake Lytal Park			8		3	3	12	12				\$ 5,751.89	
3.5	John Prince Park (South)			10		8	4	48	77				\$ 19,451.13	
3.6	Electrical Engineering Services												\$ -	\$ 11,587.20
3.7	Geotechnical Engineering Services												\$ -	\$ 13,306.00
3.8	Sub-Surface Utility Excavations Services												\$ -	\$ 20,429.13
	Subtotal Task 3	0	0	47	0	26	17	136	195	0	0	0	\$ 57,463.80	\$ 45,322.33
4	PERMIT SUBMITTAL													
4.1	Canal Point Community Center			34		42		4					\$ 13,759.32	
4.2	Triangle Park			10		18		4					\$ 5,322.36	
4.3	Duncan Padgett Park			10		18		4					\$ 5,322.36	
4.4	Lake Lytal Park			8		10		4					\$ 3,711.36	
4.5	John Prince Park (South)			26		18		4					\$ 8,525.88	
4.6	Electrical Engineering Services												\$ -	\$ 3,639.36
	Subtotal Task 4	0	0	88	0	106	0	20	0	0	0	0	\$ 36,641.28	\$ 3,639.36

**ATTACHMENT E
BUDGET SUMMARY**

**Palm Beach County Water Utilities Department
Contract For Consulting/Professional Services
Resolution No.
Consultant Services Authorization No.:
Consultant:
Sub Consultant:
Project Title:
PBCWUD Project No.:**

General Utility, Architectural and Value Engineering Services
R2023-1786 Contract Dated 12/05/2023
7
Chen Moore and Associates, Inc.
Brown & Phillips, Inc., Engineered Design Services LLC, Pacifica Engineering Services, LLC, Ritzel-Mason, Inc.
Septic to Sewer Conversion for Parks Department
24-038

Task Number	Task Description	Labor Classification and Hourly Rate											Total Labor	Sub Consultant Services
		Principal	Principal Engineer	Senior Engineer	Senior Constr. Specialist	Project Engineer	Associate Engineer	Senior Designer	Engineer	Senior Technician	Administrative Assistant	Intern		
	Labor Raw Costs	\$ 100.00	\$ 100.00	\$ 66.74	\$ 46.00	\$ 50.44	\$ 40.89	\$ 49.70	\$ 37.19	\$ 34.99	\$ 37.10	\$ 23.00		
5	BID PACKAGE SUBMITTAL													
5.1	Canal Point Community Center			2		16	2	4						\$ 3,663.30
5.2	Triangle Park			2		16	2	4						\$ 3,663.30
5.3	Duncan Padgett Park			2		16	2	4						\$ 3,663.30
5.4	Lake Lytal Park			1		8	2	4						\$ 2,252.52
5.5	John Prince Park (South)			8		32	2	4						\$ 7,265.74
5.6	Electrical Engineering Services													\$ -
	Subtotal Task 5	0	0	15	0	88	10	20	0	0	0	0	\$ 20,528.16	\$ 1,077.12
6	BIDDING SERVICES													
6.1	Canal Point Community Center			2		4		4						\$ 1,602.12
6.2	Triangle Park			2		4		4						\$ 1,602.12
6.3	Duncan Padgett Park			2		4		4						\$ 1,602.12
6.4	Lake Lytal Park			1		2		2						\$ 801.06
6.5	John Prince Park (South)			4		8		8						\$ 3,204.24
6.6	Electrical Engineering Services													\$ -
	Subtotal Task 6	0	0	11	0	22	0	22	0	0	0	0	\$ 8,811.66	\$ 1,077.12
7	PROJECT MANAGEMENT													
7.1	Canal Point Community Center	4		20										\$ 5,204.40
7.2	Triangle Park	4		20										\$ 5,204.40
7.3	Duncan Padgett Park	4		20										\$ 5,204.40
7.4	Lake Lytal Park	4		20										\$ 5,204.40
7.5	John Prince Park (South)	4		20										\$ 5,204.40
	Subtotal Task 7	20	0	100	0	0	0	0	0	0	0	0	\$ 26,022.00	
	Labor Subtotal Hours	20	0	378	0	309	78	367	437	0	0	0	1,579	
	Labor Raw Costs	\$ 100.00	\$ 100.00	\$ 66.74	\$ 46.00	\$ 50.44	\$ 40.89	\$ 49.70	\$ 37.19	\$ 34.99	\$ 37.10	\$ 23.00		
	Labor Multiplier	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00		
	Labor Subtotal	\$ 6,000.00	\$ -	\$ 75,683.16	\$ -	\$ 46,757.88	\$ 9,568.26	\$ 53,228.70	\$ 48,756.09	\$ -	\$ -	\$ -		
	Labor Total	\$ 239,994.09												
	Sub Consultant Labor Total	\$ 146,790.91												
	Sub Consultant Multiplier	1.00												
	Sub Consultant Total	\$ 146,790.91												
	Project Total	\$ 386,785.00												

ATTACHMENT 'A' (1 of 5)

 Palm Beach County Water Utilities Department (PBCWUD) Parks
 Phase 2 Septic to Sewer Project - Task 1 Data Collection and Field Services

 Type of Survey: Route Topographic
 Size: ±3,000'
 Date: September 3, 2024

TASK - Canal Point Community Center 12860 US 441, Canal Point	SURVEY CREW (2 PERSON)	CADD TECHNICIAN	SURVEY TECHNICIAN	PROFESSIONAL LAND SURVEYOR	COMMENTS
Meetings and Coordination				0.5	
Horizontal Project Network Control	5		8	1	Establish control, right-of-way, and easements
Vertical Project Network Control	5		0.5		Set benchmarks along corridor
Subdivision & Property Ties	4		3	1	Tie in adjoining property corners
Topography & Cross Sections	32		3	1	Locate all above ground features in route and 100' cross sections
Asbuilts	0.5				Asbuilt structures
Underground Utilities	8		2		Field locate flagged utilities
Soft Digs and Geotech Borings	6		1		Field locate soft digs and Geotech borings
Drawing		20	4	2	Prepare topographic survey
Total Hours:	60.5	20	21.5	5.5	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	unloaded rates
Subtotal:	\$3,061.30	\$620.00	\$666.50	\$231.00	
Total Fee Unloaded:					\$4,578.80
Multiplier:					3
Total Fee Loaded:					\$13,736.40

Other Direct Costs:	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>
Legal Description & Sketch		each	\$600.00	\$0.00
Total Other Direct Costs:				\$0.00

TOTAL PRICE FOR CANAL POINT COMMUNITY CENTER SURVEY: \$13,736.40

ATTACHMENT 'A' (2 of 5)

Palm Beach County Water Utilities Department (PBCWUD) Parks
Phase 2 Septic to Sewer Project - Task 1 Data Collection and Field Services

TASK - Triangle Park 37001 Main Street Canal Point	SURVEY CREW (2 PERSON)	CADD TECHNICIAN	SURVEY TECHNICIAN	PROFESSIONAL LAND SURVEYOR	COMMENTS
Meetings and Coordination				0.5	
Horizontal Project Network Control	4		3	1	Establish control, right-of-way, and easements
Vertical Project Network Control	4		1		Set benchmarks along corridor
Topography & Cross Sections	14		2		Locate all above ground features in route and 100' cross sections
Asbuilts	0.5				Asbuilt structures
Underground Utilities	6		2		Field locate flagged utilities
Soft Digs and Geotech Borings	6		1		Field locate soft digs and Geotech borings
Drawing		12	3	2	Prepare topographic survey
Total Hours:	34.5	12	12	3.5	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	unloaded rates
Subtotal:	\$1,745.70	\$372.00	\$372.00	\$147.00	
Total Fee Unloaded:					\$2,636.70
Multiplier:					3
Total Fee Loaded:					\$7,910.10

<u>Other Direct Costs:</u>	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>
Legal Description & Sketch		each	\$600.00	\$0.00
Total Other Direct Costs:				\$0.00
TOTAL PRICE FOR TRIANGLE PARK SURVEY:				\$7,910.10



BROWN & PHILLIPS, Inc.
 PROFESSIONAL SURVEYING SERVICES

ATTACHMENT 'A' (3 of 5)

Palm Beach County Water Utilities Department (PBCWUD) Parks
 Phase 2 Septic to Sewer Project - Task 1 Data Collection and Field Services

TASK - Duncan Padgett Park 3701 SR 715, Pahokee (±3,200' east of roadway only)	SURVEY CREW (2 PERSON)	CADD TECHNICIAN	SURVEY TECHNICIAN	PROFESSIONAL LAND SURVEYOR	COMMENTS
Meetings and Coordination				0.5	
Horizontal Project Network Control	5		10	2	Establish control, right-of-way, and easements
Vertical Project Network Control	8		2		Set benchmarks along corridor
Topography & Cross Sections	32		4	1	Locate all above ground features in route and 100' cross sections (east of SR 715 only)
Asbuilts	1				Asbuilt structures
Underground Utilities	8		2		Field locate flagged utilities
Soft Digs and Geotech Borings	8		1		Field locate soft digs and Geotech borings
Drawing		20	4	2	Prepare topographic survey
Total Hours:	62	20	23	5.5	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	unloaded rates
Subtotal:	\$3,137.20	\$620.00	\$713.00	\$231.00	
Total Fee Unloaded:					\$4,701.20
Multiplier:					3
Total Fee Loaded:					\$14,103.60

Other Direct Costs:	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>	
Legal Description & Sketch		each	\$600.00	\$0.00	
Total Other Direct Costs:					\$0.00
TOTAL PRICE FOR DUNCAN PADGETT PARK SURVEY:					\$14,103.60

ATTACHMENT 'A' (4 of 5)

 Palm Beach County Water Utilities Department (PBCWUD) Parks
 Phase 2 Septic to Sewer Project - Task 1 Data Collection and Field Services

TASK - John Prince Park 2700 6th Avenue South Lake Worth Beach (±1.2 miles)	SURVEY CREW (2 PERSON)	CADD TECHNICIAN	SURVEY TECHNICIAN	PROFESSIONAL LAND SURVEYOR	COMMENTS
Meetings and Coordination				3	
Horizontal Project Network Control	12		4	1	Establish control
Vertical Project Network Control	12		2		Set benchmarks along corridor
Topography & Cross Sections	60		16	2	Locate all above ground features in route and 100' cross sections
Soundings - Canal Cross Sections	6		1		2 locations alongside pedestrian bridge
Asbuilts	10		2		Asbuilt structures
Underground Utilities	12		2		Field locate flagged utilities
Soft Digs and Geotech Borings	10		2		Field locate soft digs and Geotech borings
Drawing		36	6	3	Prepare topographic survey
Total Hours:	122	36	35	9	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	unloaded rates
Subtotal:	\$6,173.20	\$1,116.00	\$1,085.00	\$378.00	
Total Fee Unloaded:					\$8,752.20
Multiplier:					3
Total Fee Loaded:					\$26,256.60

Other Direct Costs:	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>
Legal Description & Sketch		each	\$600.00	\$0.00
Total Other Direct Costs:				\$0.00

TOTAL PRICE FOR JOHN PRINCE PARK SURVEY: \$26,256.60

ATTACHMENT 'A' (5 of 5)

Palm Beach County Water Utilities Department (PBCWUD) Parks
Phase 2 Septic to Sewer Project - Task 1 Data Collection and Field Services

TASK - Lake Lytal Park 3645 Gun Club Road West Palm Beach	SURVEY CREW (2 PERSON)	CADD TECHNICIAN	SURVEY TECHNICIAN	PROFESSIONAL LAND SURVEYOR	COMMENTS
Meetings and Coordination				1	
Horizontal Project Network Control	3		1		Establish control
Vertical Project Network Control	5		1		Set benchmarks along corridor
Topography & Cross Sections	30		3	1	Locate all above ground features in route and 100' cross sections
Asbuilts	2				Asbuilt structures
Underground Utilities	5		2		Field locate flagged utilities
Soft Digs and Geotech Borings	5		2		Field locate soft digs and Geotech borings
Drawing		20	4	2	Prepare topographic survey
Address comments					
Total Hours:	50	20	13	4	
Rate/Hour	\$50.60	\$31.00	\$31.00	\$42.00	unloaded rates
Subtotal:	\$2,530.00	\$620.00	\$403.00	\$168.00	
Total Fee Unloaded:					\$3,721.00
Multiplier:					3
Total Fee Loaded:					\$11,163.00

<u>Other Direct Costs:</u>	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>
Legal Description & Sketch		each	\$500.00	\$0.00
Total Other Direct Costs:				\$0.00
TOTAL PRICE FOR LAKE LYTAL PARK SURVEY:				\$11,163.00
GRAND TOTAL FOR ALL FIVE PARKS:				\$73,169.70

ATTACHMENT E

Palm Beach County Water Utilities Department

Contract for Consulting / Professional Services; General Utility, Architectural and Value Engineering Services

Resolution: R2023-1786

Construction Service Authorization: Z

Consultant: Chen Moore and Associates, Inc.

Sub-Consultant: Pacifica Engineering Service, LLC

Project Name: Septic to Sewer Conversion for Parks Department

WUD Project No.: 24-038

COST BREAKDOWN				
27-Aug-24				
DESCRIPTION	UNIT	#OF UNITS	UNIT RATE	TOTAL
I. FIELD EXPLORATIONS				
Mobilization of Drill Equipment (50-mile travel)	each	3.0	\$400.00	\$1,200.00
Engineering Technician (Site Reconnaissance, Boring Layout and Underground Utility Clearance) (Raw Rate: \$33.33*3)	hour	8.0	\$100.00	\$800.00
Standard Penetration Tests - Truck Ria (0' - 50')	feet	180.0	\$16.00	\$2,880.00
Grout Bore Hole (0 to 50 Feet)	feet	180.0	\$6.00	\$1,080.00
Casing (0 to 50 Feet)	feet	180.0	\$10.00	\$1,800.00
II. SOIL & AGGREGATE TESTING				
Organic Content Test	each	7.0	\$55.00	\$385.00
Natural Sample Moisture Content	each	7.0	\$20.00	\$140.00
Grain size determination: Full grain size (8 sieves)	each	7.0	\$78.00	\$546.00
Grain size determination: Wash through (200)	each	7.0	\$60.00	\$420.00
III. ENGINEERING SERVICES (MULTIPLIER: 3)				
Principal Engineer, P.E. (Raw Rate: \$66.67*3)	hour	1.0	\$200.00	\$200.00
Senior Geotechnical Engineer (Raw Rate: \$60.00*3)	hour	8.0	\$180.00	\$1,440.00
Staff Engineer	hour	7.0	\$93.00	\$651.00
Drafter / GADD (Raw Rate: \$31.33*3)	hour	6.0	\$94.00	\$564.00
IV. Ground Penetrating Radar (GPR)				
Ground Penetration Radar (GPR) Scanning	each	1.0	\$1,200.00	\$1,200.00
ESTIMATED GEOTECHNICAL BASIC FEE FOR THE PROJECT				\$13,306.00

Palm Beach County Water Utilities Department

Contract for Consulting / Professional Services; General Utility, Architectural and Value Engineering Services

Resolution: R2023-1786

Construction Service Authorization: 7

Consultant: Chen Moore and Associates, Inc.

Sub-Consultant: Ritzel-Mason, Inc.

Project Name: Septic to Sewer Conversion for Parks Department

WUD Project No.: 24-038

Fees:

Canal Point Community Center: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$3,404.86** for up to 5 test holes.

Labor Classification	Raw Rates	Hours	Multiplier	Total
3-Man Survey Crew	\$73.13/hour	1.25	2.97	\$271.50
3-Man SUE Crew	\$75.40/hour	12.50	2.97	\$2,799.23
Project Surveyor	\$60.00/hour	0.25	2.97	\$44.55
Survey-GADD Tech	\$39.00/hour	2.50	2.97	\$289.58
Total Canal Point Community Center				\$3,404.86

Triangle Park: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$3,404.86** for up to 5 test holes.

Labor Classification	Raw Rates	Hours	Multiplier	Total
3-Man Survey Crew	\$73.13/hour	1.25	2.97	\$271.50
3-Man SUE Crew	\$75.40/hour	12.50	2.97	\$2,799.23
Project Surveyor	\$60.00/hour	0.25	2.97	\$44.55
Survey-GADD Tech	\$39.00/hour	2.50	2.97	\$289.58
Total Triangle Park				\$3,404.86

Duncan Padgett Park: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$3,404.86** for up to 5 test holes.

Labor Classification	Raw Rates	Hours	Multiplier	Total
3-Man Survey Crew	\$73.13/hour	1.25	2.97	\$271.50
3-Man SUE Crew	\$75.40/hour	12.50	2.97	\$2,799.23
Project Surveyor	\$60.00/hour	0.25	2.97	\$44.55
Survey-GADD Tech	\$39.00/hour	2.50	2.97	\$289.58
Total Duncan Padgett Park				\$3,404.86

John Prince Park: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$6,809.69** for up to 10 test holes.

Labor Classification	Raw Rates	Hours	Multiplier	Total
3-Man Survey Crew	\$73.13/hour	2.50	2.97	\$542.99
3-Man SUE Crew	\$75.40/hour	25.00	2.97	\$5,598.45
Project Surveyor	\$60.00/hour	0.50	2.97	\$89.10
Survey-GADD Tech	\$39.00/hour	5.00	2.97	\$579.15
Total John Prince Park				\$6,809.69

Lake Lytal Park: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$3,404.86** for up to 5 test holes.

Labor Classification	Raw Rates	Hours	Multiplier	Total
3-Man Survey Crew	\$73.13/hour	1.25	2.97	\$271.50
3-Man SUE Crew	\$75.40/hour	12.50	2.97	\$2,799.23
Project Surveyor	\$60.00/hour	0.25	2.97	\$44.55
Survey-GADD Tech	\$39.00/hour	2.50	2.97	\$289.58
Total Lake Lytal Park				\$3,404.86

Total Ritzel-Mason, Inc. fees:

Location	Fee
Canal Point Community Center	\$3,404.86
Triangle Park	\$3,404.86
Duncan Padgett Park:	\$3,404.86
John Prince Park	\$6,809.69
Lake Lytal Park:	\$3,404.86
TOTAL	\$20,429.13

September 3, 2024

Mr. David Cowan, Jr., P.E.
Chen Moore and Associates, Inc.
500 S. Australian Avenue South, Suite 850
West Palm Beach, FL 33401

**Re: Palm Beach County Water Utilities Department (PBCWUD) Parks
Phase 2 Septic to Sewer Project - Task 1 Data Collection and Field Services
Topographic Surveys**

Dear David:

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

PHASE 2 SEPTIC TO SEWER PROJECT FOR FIVE LOCATIONS:

- Canal Point Community Center at 12860 US 441, Canal Point
- Triangle Park at 37001 Main Street, Canal Point
- Duncan Padgett Park at 3701 SR 715, Pahokee
- John Prince Park at 2700 6th Avenue South, Lake Worth Beach
- Lake Lytal Park at 3645 Gun Club Road, West Palm Beach

TASK I DATA COLLECTION AND FIELD SERVICES

1.6 **Topographic Surveys:** Under this task, we will perform topographic surveys for a future sewer system, depicting the horizontal and vertical location of facilities in the park and ROW with additional detail along proposed path (not a boundary survey). The following will be included as part of the survey efforts for this project:

- a. Obtain horizontal and vertical control for this Project using information published by the Palm Beach County Engineering and Public Works Department – Roadway Production Division, Land Survey Section utilizing State Plane Coordinates for horizontal control and the North American Vertical Datum of 1988 (NAVD 88) for vertical control.
- b. Location of visible fixed improvements within the park site, depicting the horizontal and vertical location of facilities such as manhole and inverts, valve vault, piping, control panels, fences, power poles, buildings, etc.

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

(561) 615-3988 • Fax (561) 615-3991

M:\PROPOSALS\BY COMPANY\Chen Moore\PBCWUD Five Parks - Septic to Sewer Phase 2\PBCWUD Five Parks - Septic to Sewer Topographic Surveys.doc

- c. Location of above-ground existing utilities: Florida Power & Light Company (FPL), AT&T, cable television, natural gas, potable water (valves, fire hydrants, and meters), force mains (valves), sanitary sewer, reclaimed water mains (valves), storm sewers, including information on invert elevations, pipe size, type and direction for storm and sanitary infrastructure. No soundings are proposed.
- d. Provide and reference two (2) site benchmarks. Elevations to be referenced to an existing established City or County benchmark.
- e. 100' cross sections, right-of-way to right-of-way.
- f. Locate marked utilities marked in the field with paint or flags (by others) and incorporate them into the survey file.
- g. Locate soft/hard digs and geotechnical borings (by others) and incorporate them into the survey file.

FEE SCHEDULE

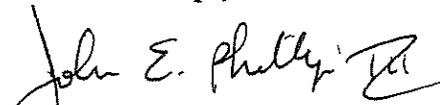
We will perform the scope of services for an hourly, not to exceed fee as listed below (see Attachment 'A' for an estimated hourly breakdown):

• Canal Point Community Center	\$13,736.40
• Triangle Park	\$7,910.10
• Duncan Padgett Park	\$14,103.60
• John Prince Park	\$26,256.60
• Lake Lytal Park	<u>\$11,163.00</u>
Estimated Total Fee:	\$73,169.70

CLOSURE

A drawing will be produced which will show all the features located. We propose to provide Chen Moore and Associates, Inc. with hard copies, a digitally signed PDF, and an AutoCAD file in the version requested. 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

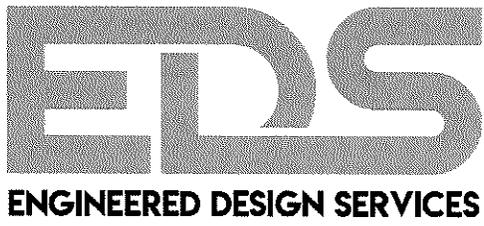
JEP/mb

This Proposal accepted this ____ day of _____, 2024

By: _____
Chen Moore and Associates, Inc.

Print Name: _____

Title: _____



Proposal to: Chen Moore and Associates, Inc.

PBCWUD

**WUD 24-000—Septic to Sewer for Palm Beach Parks
Phase 2 - Engineering Services**

8/27/2024

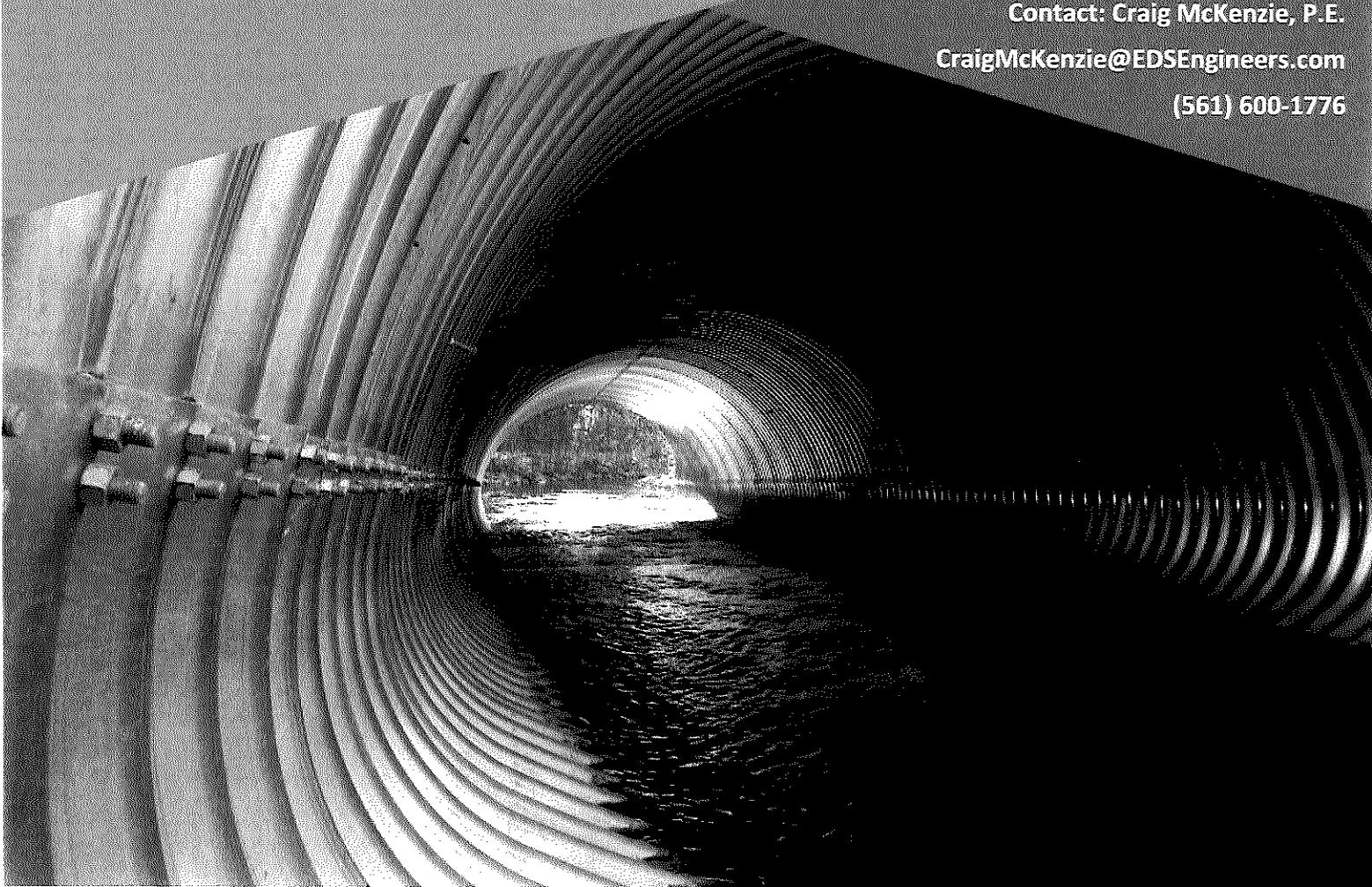
Engineered Design Services LLC

Contact: Craig McKenzie, P.E.

CraigMcKenzie@EDSEngineers.com

(561) 600-1776

edsengineers.com



August 27, 2024

David Cowan, P.E.
Senior Engineer
Chen Moore and Associates
500 Australian Ave. South, Suite 850
West Palm Beach, FL 33401

RE: Proposal for WUD 24-000—Septic to Sewer for Palm Beach Parks Phase 2 - Engineering Services

Dear Mr. Cowan:

Engineered Design Services (SUB-CONSULTANT) is pleased to support Chen Moore and Associates (CONSULTANT) with electrical engineering services for the PBCWUD Septic to Sewer for Palm Beach Parks Phase 2 project. As a sub-SUBCONSULTANT to CMA, EDS proposes the following services.

SCOPE OF SERVICES:

Our proposed scope of services will include the following services :

TASK 2 - 60% DESIGN DOCUMENTS

The SUB-CONSULTANT will prepare detailed design drawings based on an accepted conceptual design setting forth the requirements for construction. An opinion of probable cost will also be included. The plans will identify the location of any septic tank to be abandoned and will include notes regarding the proper methods for septic tank abandonment. It is assumed that the construction plans will consist of the following sheets for each park:

- General electrical notes, electrical sheets, , electrical details.

A draft of the design drawings and conceptual cost estimate will be provided for review and comment by PBC staff. At this time a review meeting will be held with PBC staff to review the design drawings.

Task 2 Deliverable

Portable Document Format (PDF) copy of minutes from all meetings, one (1) copy of design drawings (22"x 34"), and digital copies containing PDFs of all submittal items.

Task 2 Assumptions

New FPL services will be coordinated during design, contractor will apply for meter.

Water service lines tap location will be within thirty (30) feet of lift station location.

Pump station will be a PBCWUD approved package system.

TASK 3 - 90% DESIGN DOCUMENTS

Based on the comments of PBC staff, SUB-CONSULTANT will revise the draft documents, cost estimate and prepare final design drawings for review prior to permitting.

Task 3 Deliverable

Portable Document Format (PDF) copy of minutes from all meetings, one (1) copy of design drawings (22"x 34"), and digital copies containing PDFs of all submittal items and test results.

Task 3 Assumptions

No structural design is included in this Task.

Updating of Record Drawings is not included in this Task.

June 14, 2024

SCOPE OF SERVICES (CONTINUED):

TASK 4 - PERMIT SUBMITTAL

The SUB-CONSULTANT will prepare, submit and procure a permit from the Palm Beach County Health Department, local municipality and authority having jurisdiction over right-of-way for construction of the sewer improvements as designed.

Task 4 Deliverable

Portable Document Format (PDF) copy of all permits obtained and the plans used to obtain the permits.

Task 4 Assumptions

PBCWUD shall be responsible for all applicable permit fees.

A maximum of one (1) municipality and one (1) authority having jurisdiction over right-of-way permit will be required at each park.

SUB-CONSULTANT shall assist PBCWUD's selected contractor in obtaining the building department permits by providing the signed and sealed copies of the drawings for the contractor's submittal to the building department. SUB-CONSULTANT is not anticipated to complete the application or make the submittal prior to beginning award phase.

All permitting submittals shall be electronic.

TASK 5 - BID PACKAGE SUBMITTAL

Based on the comments of PBC staff, the SUB-CONSULTANT will revise the design documents, specification, cost estimate and prepare bid documents for use in soliciting bids from contractors in an open bid process.

Task 5 Deliverable

Two (2) sets of plans (24"x36"), two (2) set of plans (11"x17"), two (2) copies of the cost estimate, and digital copies containing PDFs of all submittal items.

Task 5 Assumptions

SUB-CONSULTANT will use its best knowledge and efforts in good faith to prepare an EOPCC, but SUB-CONSULTANT has no control or responsibility for the cost of materials or labor for the Construction Contractor, or of market conditions, or over the Construction Contractor's means, methods, sequences, scheduling, and techniques of construction, and thus cannot be responsible for any deviations and differences, however significant, of the construction bids of the Construction Contractors from the SUB-CONSULTANT's EOPCC.

TASK 6 - BIDDING SERVICES

The SUB-CONSULTANT will assist PBC staff with development of the schedule of bid items. The SUB-CONSULTANT will review and comment on questions from Contractor's and respond to written requests for additional information.

Task 6 Assumptions

No construction phase services are included in this Task.

Project Pricing

We have developed a time and materials budget for the WUD 24-000 - Septic to Sewer for Palm Beach Parks Phase 2 - Engineering Services project, based on our understanding of the scope provided.

The T&M not-to exceed fee for EDS to provide the scope of work tasks and services shall be \$39,886.08, based on Attachment E.

We appreciate the opportunity to provide this proposal and look forward to working with you. Should you have any questions, please do not hesitate to contact us.

Respectfully Submitted,

Craig McKenzie, P.E.
President/Principal Engineer
Engineered Design Services LLC

Offer Accepted by:

Signature: _____ Date: _____



REVISED August 27, 2024
August 9, 2024

Chen Moore and Associates CMA
500 S Australian Ave
Suite 850
West Palm Beach, FL 33401

Attention: Mr. David Cowen, P.E.

Re: Scope of Services for Geotechnical Engineering Services
PBC Septic to Sewer Phase II
Palm Beach County, Florida
PACIFICA Proposal No.: 610-12018934
PBCWUD Project No.: 2024-005

Dear Mr. Cowen:

In accordance with your email and Scope of Services provided by **CMA, Pacifica Engineering Services, LLC (PACIFICA)**, is pleased to submit this scope of services to perform a subsurface exploration program for the above-referenced project. Included herein is our understanding of the proposed development along with the scope of services, cost estimates, and anticipated schedules.

GEOTECHNICAL SCOPE OF SERVICES

Based on the requested scope, PACIFICA proposes to perform the following geotechnical field services:

Basic Services

- Perform nine (9) SPT borings to a depth of twenty (20) feet below existing grades at the proposed wet well locations.

The SPT borings will be performed with truck-mounted machinery using rotary drilling procedures. Samples of the in-place materials will be recovered with a standard split barrel driven with a 140-pound hammer falling 30 inches (the Standard Penetration Test in accordance with ASTM D1586). After completion of drilling, all boreholes will be grouted, asphalt cold patch applied not in the wheel path, where needed, and the site generally cleaned, as required.

Underground utility clearance will be required prior to the commencement of the geotechnical field exploration. Therefore, PACIFICA will contact "Sunshine One-Call" Service to obtain underground public utility clearance. PACIFICA understands that private utilities will be marked by others prior to each mobilization.

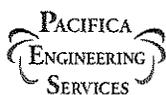
GEOTECHNICAL REPORT DELIVERABLES

After the geotechnical field exploration is completed, a geotechnical engineer will review the soil samples and select samples will be tested for physical properties such as gradation, moisture content and organic content, if deemed necessary. The results of the geotechnical exploration will be transmitted in a report which will specifically contain the information listed below:

1. a location plan of the site showing the location of the soil borings;
2. logs of the exploratory borings, which furnish the results of the borings and SPT sampling;
3. the existence of organic soils or any other soil conditions;
4. groundwater readings during the time of field exploration;
5. on-site soil suitability; and
6. soil preparation recommendations for Utilities.

GEOTECHNICAL SCHEDULE

Our study can begin one day after we receive authorization to proceed. We will start drilling after public underground utilities have been located and identified, which may take 2-4 business days. The geotechnical field exploration should be completed in 3 business days. Laboratory testing should be completed within one week following final field demobilization. The written report of the subsurface exploration will be available within two weeks following the completion of final laboratory testing. We estimate that our study will be completed within 4 weeks from your notice to proceed.



September 6, 2024

David Cowan Jr, PE, ENV, SP
Chen Moore and Associates
500 S. Australian Avenue #850
West Palm Beach, Florida 33401

Subject: Fee Proposal for Utility Investigation Services

Project: Park Septic to Sewer Phase 2

Ritzel-Mason, Inc.

5119 Beechwood Road
Delray Beach, FL 33484

Phone: 786.472.0358

www.ritzel-mason.com

Dear Mr. Cowan:

Ritzel-Mason appreciates the opportunity to prepare this fee proposal for providing subsurface utility engineering (SUE) services on the above referenced project. Ritzel-Mason is registered and licensed in the state of Florida. This letter will serve as our official scope of services and is accompanied by the included fee estimate. The combination of our resources and experience will provide Chen Moore and Associates (the Client) with the confidence that Ritzel-Mason is the right choice to complete the project on time and on budget. Ritzel-Mason has been requested by the Client to provide utility designating and locating services to verify the horizontal and vertical positions of existing utilities.

Project Limits: The limits of our investigation will include five (5) parks in Palm Beach County, Florida:

1. Canal Point Community Center – 5 test holes
2. Triangle Park (LS8231) – 5 test holes
3. Duncan Padgett Park – 5 test holes
4. John Prince Park – 10 test holes
5. Lake Lytal Park – 5 test holes

Scope of Services: Ritzel-Mason will complete a SUE investigation in general accordance with ASCE Standard 38-02: Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data. *Utility designate will be used to pin point utility only prior to vacuum excavation.* Ritzel-Mason will search for the existence and approximate location of subsurface utilities within the project limits except those listed under Exclusions below. The specific work includes:

- A. Records Research through customary means:
 - a. Identify utilities anticipated to exist in the project limits.

- b. Document responses and compile record information.
- B. Field Investigation using appropriate surface geophysical techniques:
- a. Documented conductive utilities – designate with the objective of achieving Quality Level B for conductive utilities. Where not possible, lower Quality Levels will be established. Utilities of non-conductive material installed with serviceable tracer wire or tape will be considered conductive. It is important to note, however, that the depicted location of such utilities represents the tracer rather than the actual utility.
 - b. Documented non-conductive utilities – investigate with the objective of achieving Quality Level C. Where not possible, depict at Quality Level D.
 - c. Undocumented utilities – are those utilities that may exist in the project area that have not been previously identified, are not discovered during records research, and for which there is no prior knowledge. Ritzel will use our standard search protocol in an attempt to determine the existence and approximate location of undocumented utilities; however, this work cannot guarantee that all utilities will be found and depicted.
- C. Quality Level exceptions – the following utilities will be investigated with the objective of achieving the specific Quality Level stated:
- a. Gravity sanitary sewers – Quality Level C.
 - b. Non-conductive utilities with ready access allowing sonde, metal tape or detection rod insertion and tracking – Quality Level B.
 - c. Subaqueous crossings – Quality Level D.
- D. Exclusions – the following utilities and/or components will not be investigated:
- a. Storm sewers and drains.
 - b. Utility vault or manhole interiors
 - c. Service lines
 - d. Traffic control loops
 - e. Street light and signage wiring
 - f. Irrigation lines
 - g. Cathodic protection
 - h. Thrust blocks.
 - i. Septic systems.
 - j. Underground storage tanks, piping and wiring.
 - k. Overhead utilities
- E. Vacuum Excavation – Test holes
- a. Ritzel-Mason proposes to use vacuum excavation equipment to perform **30 test holes** at locations as directed by the client. Vacuum excavation methods will enable Ritzel-Mason to visualize the utility in question for a high degree of certainty. Ritzel-Mason will make every effort to vacuum excavate to a depth of eight (8) feet using high pressure air methods. However, vacuum excavation will cease when these methods are unable to progress below refusal, such as bedrock or flowable fill. Ritzel-Mason will not employ destructive methods, such as jackhammers or chipping hammers, to break

up bedrock or other refusal within a test hole due the high risk of damage to buried utilities and safety risk to employees. Utilities deeper than 8 feet may not be found.

- b. At the completion of each excavation Ritzel-Mason will place an iron rod and cap or a nail and disk at the test hole location and further identify the test hole location with paint marks on the ground surface. We will backfill with native material and compact the soil in 6"-12" lifts as well as provide a permanent restoration of the pavement or ground surface within the limits of the original excavation. We will record maximum depth of the test hole as well as vertical depth of any utility encountered. If a utility is encountered, we will also provide utility type, size, shape, material and orientation to the extent we are able to ascertain this information
- c. Ritzel-Mason will notify Sunshine 811 2 full business days in advance of excavation.
- d. Due to mobilization costs a minimum of 4 test holes can be requested or mobilization costs will be charged.
- e. Ritzel-Mason cannot provide vacuum excavation in areas where obstructions, such as unmovable vehicles or storage exist.

Survey: Ritzel-Mason will provide a **Coordinates** to include the following:

The survey will be exclusively focused on providing utilities found during the utility designating and vacuum excavation processes by Ritzel-Mason. Horizontal coordinates will be based on the North American Datum of 1983 (NAD83), adjustment 2011 based on the Trimble VRS, State Plane Coordinate System Florida East (0901), unless otherwise directed by the Client. Total station methods will be utilized in areas that GPS signals are obstructed. Excavated utilities' vertical data will be based on North American Vertical Datum 1988 (NAVD88), unless otherwise directed by the Client.

Basis and Assumptions: Unless specifically stated otherwise in the Scope of Services, this proposal is conditioned on the following. Differences may result in necessary changes to the proposed scope and fee.

- Ritzel-Mason will have ready access to the project area. Construction or clearing activities required for access to perform field services are not included.
- Standard Maintenance of Traffic (MOT), lane closure and flagman MOT is included. Extraordinary MOT such as crash trucks, off-duty police officer and other efforts deemed atypical are not included.
- Field work can be completed within normally accepted business hours and without the need for overnight or weekend work.
- Possible delays due to weather conditions will be discussed with the client and may affect schedule. Hazardous material, if encountered, will immediately stop work and Ritzel-Mason will not be responsible for any disposal.
- Confined space entry is excluded.
- Entry onto private property beyond incidental, or where prohibited, is not included.
- Entry into buildings is not included.
- Permits are not included but can be requested if needed.

Client Responsibilities:

- Participate in permit applications as needed.
- Provide all available records depicting owned utilities in the project area.



- Assist Ritzel-Mason as able in obtaining records of utilities in the project area owned by others.
- Provide or facilitate access to project area for field investigations.

Deliverables:

- Paint marks and flags will depict the approximate horizontal position of underground utilities detected
- Test data sheet reports with coordinates

Schedule:

We propose to mobilize for this work 10 business days from receipt of this proposal duly signed and barring any unforeseen condition.

Fees:

Canal Point Community Center: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$3,404.86** for up to 5 test holes.

	<u>Raw Rates</u>	<u>Hours</u>	<u>Multiplier</u>	<u>Total</u>
3-Man Survey Crew	\$73.13/hour	1.25	2.97	\$271.50
3-Man SUE Crew	\$75.40/hour	12.50	2.97	\$2,799.23
Project Surveyor	\$60.00/hour	0.25	2.97	\$44.55
Survey-CADD Tech	\$39.00/hour	2.50	2.97	\$289.58

Triangle Park: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$3,404.86** for up to 5 test holes.

	<u>Raw Rates</u>	<u>Hours</u>	<u>Multiplier</u>	<u>Total</u>
3-Man Survey Crew	\$73.13/hour	1.25	2.97	\$271.50
3-Man SUE Crew	\$75.40/hour	12.50	2.97	\$2,799.23
Project Surveyor	\$60.00/hour	0.25	2.97	\$44.55
Survey-CADD Tech	\$39.00/hour	2.50	2.97	\$289.58

Duncan Padgett Park: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$3,404.86** for up to 5 test holes.

	<u>Raw Rates</u>	<u>Hours</u>	<u>Multiplier</u>	<u>Total</u>
3-Man Survey Crew	\$73.13/hour	1.25	2.97	\$271.50
3-Man SUE Crew	\$75.40/hour	12.50	2.97	\$2,799.23
Project Surveyor	\$60.00/hour	0.25	2.97	\$44.55
Survey-CADD Tech	\$39.00/hour	2.50	2.97	\$289.58



John Prince Park: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$6,809.69** for up to 10 test holes.

	<u>Raw Rates</u>	<u>Hours</u>	<u>Multiplier</u>	<u>Total</u>
3-Man Survey Crew	\$73.13/hour	2.50	2.97	\$542.99
3-Man SUE Crew	\$75.40/hour	25.00	2.97	\$5,598.45
Project Surveyor	\$60.00/hour	0.50	2.97	\$89.10
Survey-CADD Tech	\$39.00/hour	5.00	2.97	\$579.15

Lake Lytal Park: Utility Designating Services, Surveying Services and Vacuum Excavation Services as described above for a not-to-exceed fee of **\$3,404.86** for up to 5 test holes.

	<u>Raw Rates</u>	<u>Hours</u>	<u>Multiplier</u>	<u>Total</u>
3-Man Survey Crew	\$73.13/hour	1.25	2.97	\$271.50
3-Man SUE Crew	\$75.40/hour	12.50	2.97	\$2,799.23
Project Surveyor	\$60.00/hour	0.25	2.97	\$44.55
Survey-CADD Tech	\$39.00/hour	2.50	2.97	\$289.58

Note: Utility designate will be used to pin point utility only prior to vacuum excavation.

Invoices: All invoices are due and **payable in full 10 days of Chen Moore and Associates receiving payment from their Client.** Surveyor reserves the right to withhold certified prints and files to client or client's consultants until payment is made in full. CAD file (if part of deliverables) will not be released until invoice is paid in full. If payment is not received within 35 days of the invoice date, a late charge may be added to the invoice in an amount not to exceed 1½ percent per month on the outstanding balance. If payment is not received within 60 days of the invoice date, Surveyor may terminate this agreement or suspend work under the agreement until payments have been made in full. The undersigned agrees to pay reasonable attorney fees up to 50% and all costs and expenses incurred by Ritzel-Mason in the collection of any past due obligation of the undersigned pursuant hereto.

Basis: The fees listed above are based on Ritzel-Mason's crews being able to work during the hours of 7:00am to 6:00pm and being granted access to the site. Nighttime or weekend work may incur additional fees. Nighttime work shall be any time outside of regular work hours being 7:00am to 6:00pm. Ritzel-Mason is equipped to supply minor MOT services. The client will be responsible for providing major MOT assistance, such as lane or runway closures. Ritzel-Mason's field crews and equipment are not equipped or prepared to work in any area that possibly are, or may have been, contaminated with hazardous materials at any time. Any fee or permit requested in order to perform the work will be submitted to the client at cost.

Park Septic to Sewer Phase 2

September 9, 2024



Again, we appreciate the opportunity to provide our surveying services for Chen Moore and Associates. Please call me directly at 786.472.0358, if you have any questions or comments. We look forward to beginning work on this project upon receiving your authorization to proceed.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis Ritzel".

Dennis Ritzel, PSM
Director of Business Operations
786.472.0358

Email: dennis@ritzel-mason.com

Date Accepted:	
Company:	
Signature:	
Title:	

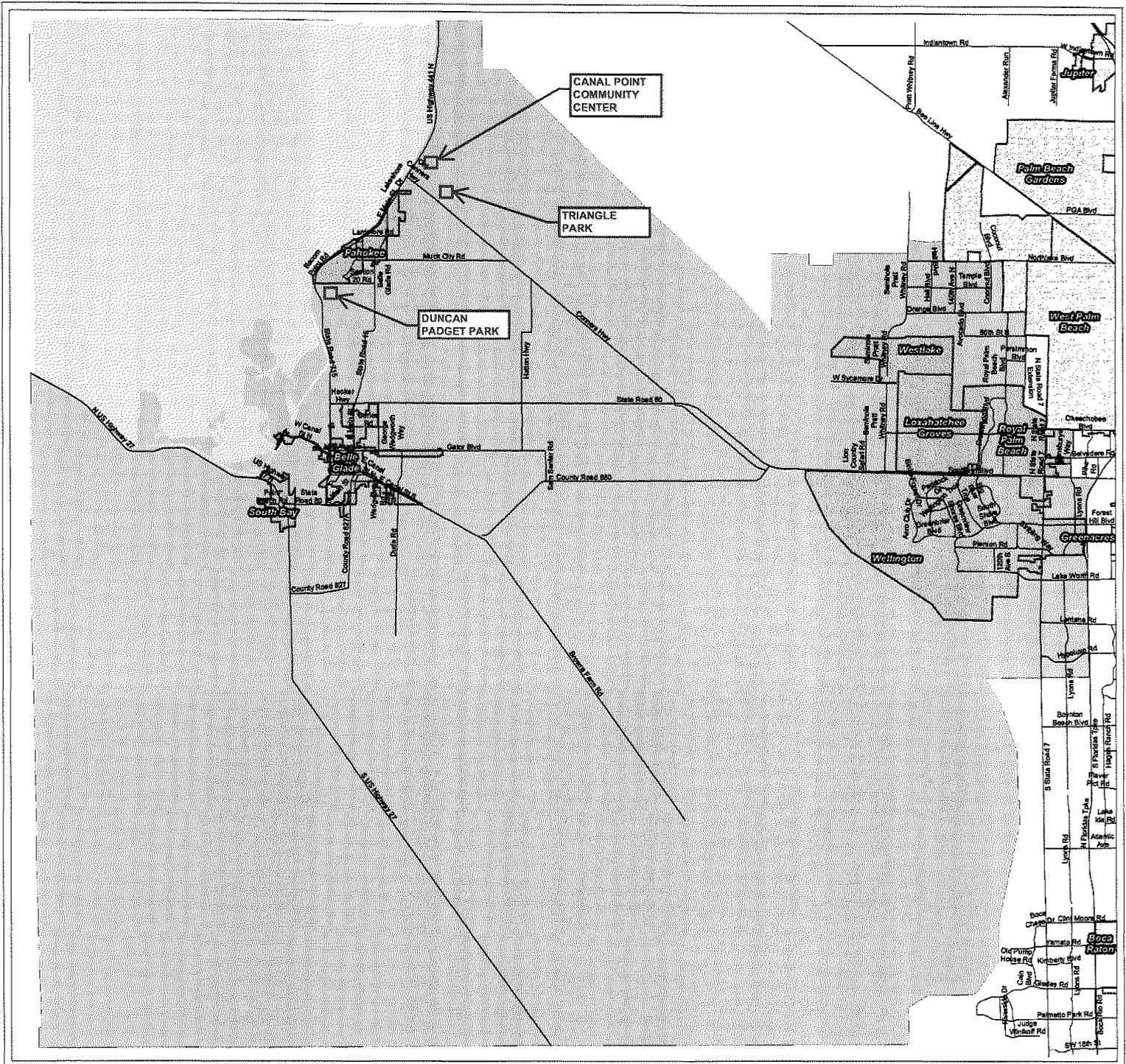
ATTACHMENT F

CONSULTANT SERVICES AUTHORIZATION NO. 7
 Palm Beach County Water Utilities Department
 Contract for Consulting/Professional Services
 General Utility, Architectural and Value Engineering Services
 Resolution No. R2023-1786 Contract Dated December 05, 2023

SUMMARY OF SBE-M/WBE BUSINESS TRACKING

Master Contract Goals	SBE: 31%	M/WBE: 23%	MBE (B): 23%
Current Proposal			
Value of Authorization No. <u>7</u>	\$386,785.00		
Value of SBE-M/WBE Letters of Intent	\$146,790.91	\$126,361.78	\$126,361.78
Actual Percentage	37.95%	32.66%	32.66%
Signed/Approved Authorizations			
Total Value of Authorizations	\$813,717.14		
Total Value of SBE-M/WBE Signed Subcontractors	\$169,509.12	\$214,578.12	\$169,509.12
Actual Percentage	20.83%	26.37%	20.83%
Signed/Approved Authorizations Plus Current Proposal			
Total Value of Authorization	\$1,200,502.14		
Total Value of Subcontractors & Letters of Intent	\$316,300.03	\$340,939.90	\$295,870.90
Actual Percentage	26.34%	28.39%	24.64%

Revised 06-12-24

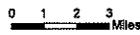


**ATTACHMENT G
LOCATION MAP**

PBCWUD PROJECT No. 24-038

 **Municipalities**

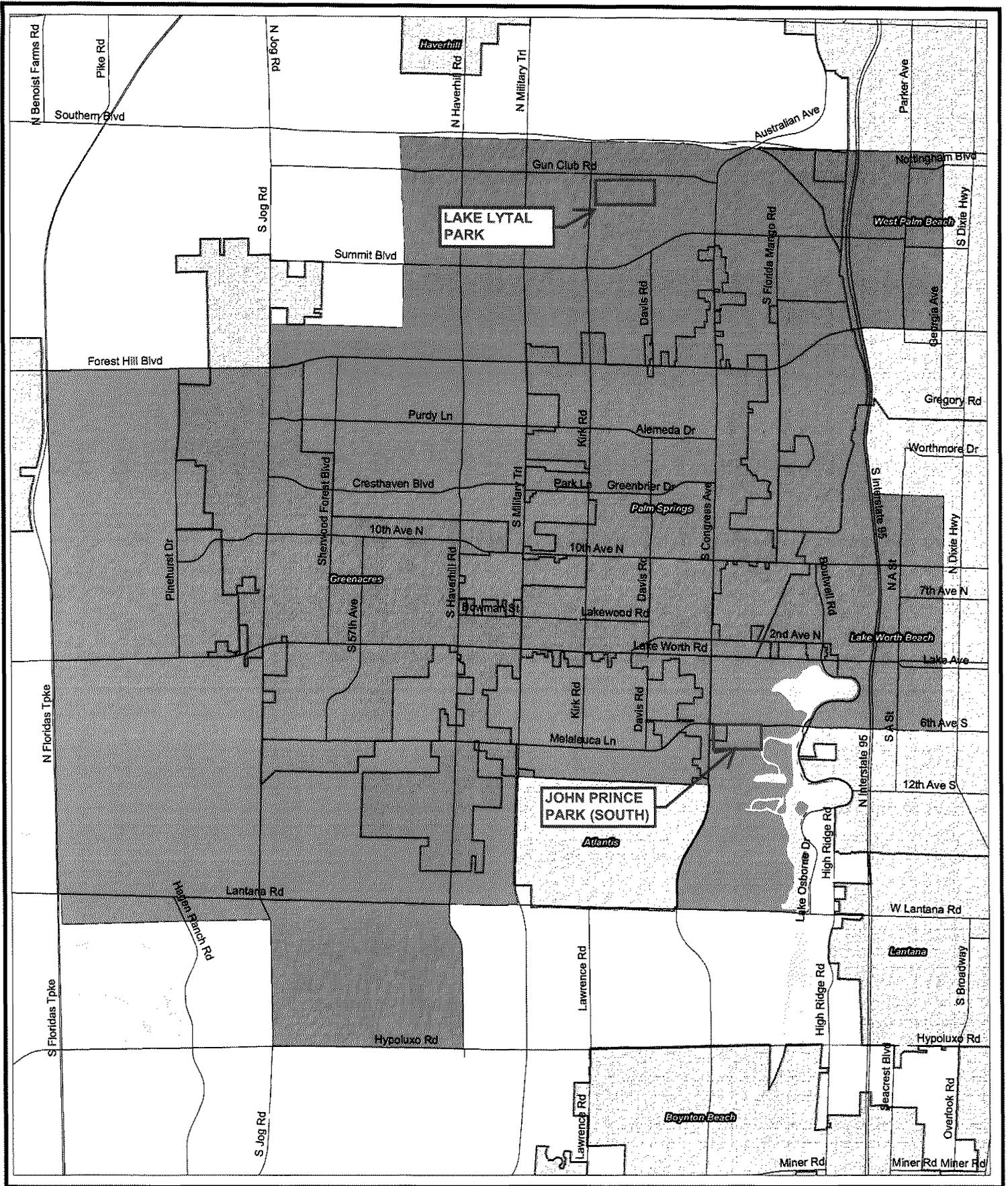
 **District 6**



Disclaimer:
 "Legal: Palm Beach County is providing this data "as is," and Palm Beach County disclaims any and all warranties, whether expressed or implied, including (without limitation) any implied warranties of merchantability or fitness for a particular purpose. In no event will Palm Beach County be liable to you or any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from any use or misuse of this data."



PALM BEACH COUNTY



ATTACHMENT G

LOCATION MAP

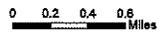
WUD PROJECT No. 24-038



Municipalities



District 3



Disclaimer:

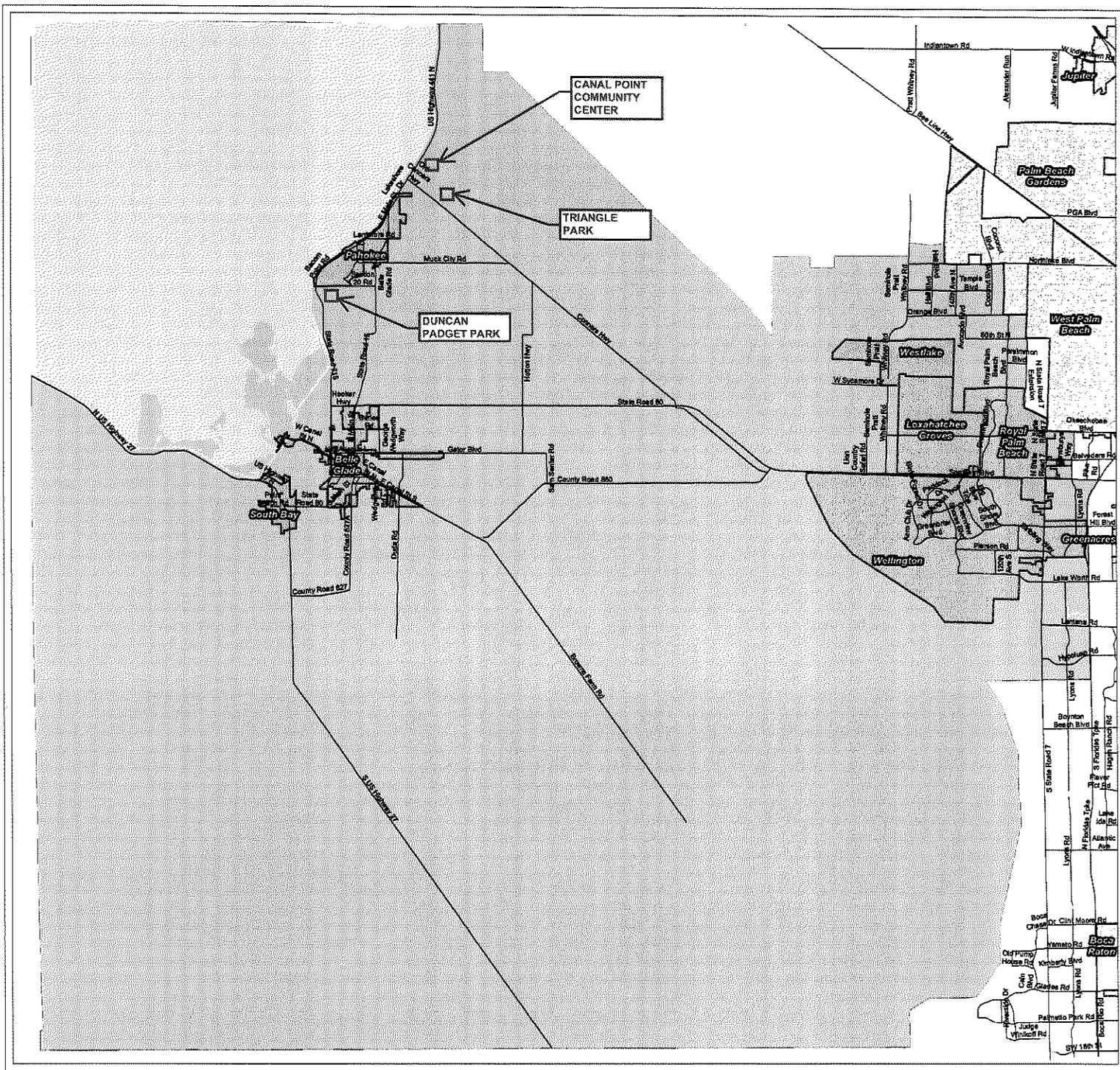
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PALM BEACH COUNTY

GIS Service Bureau December 16, 2021

ATTACHMENT NO. 2



LOCATION MAP
 AGENDA ITEM
 CONSULTANT SERVICE AUTHORIZATION No. 7
 CHEN MOORE AND ASSOCIATES INC.
 WUD PROJECT No. 24-038

 Municipalities

 District 6

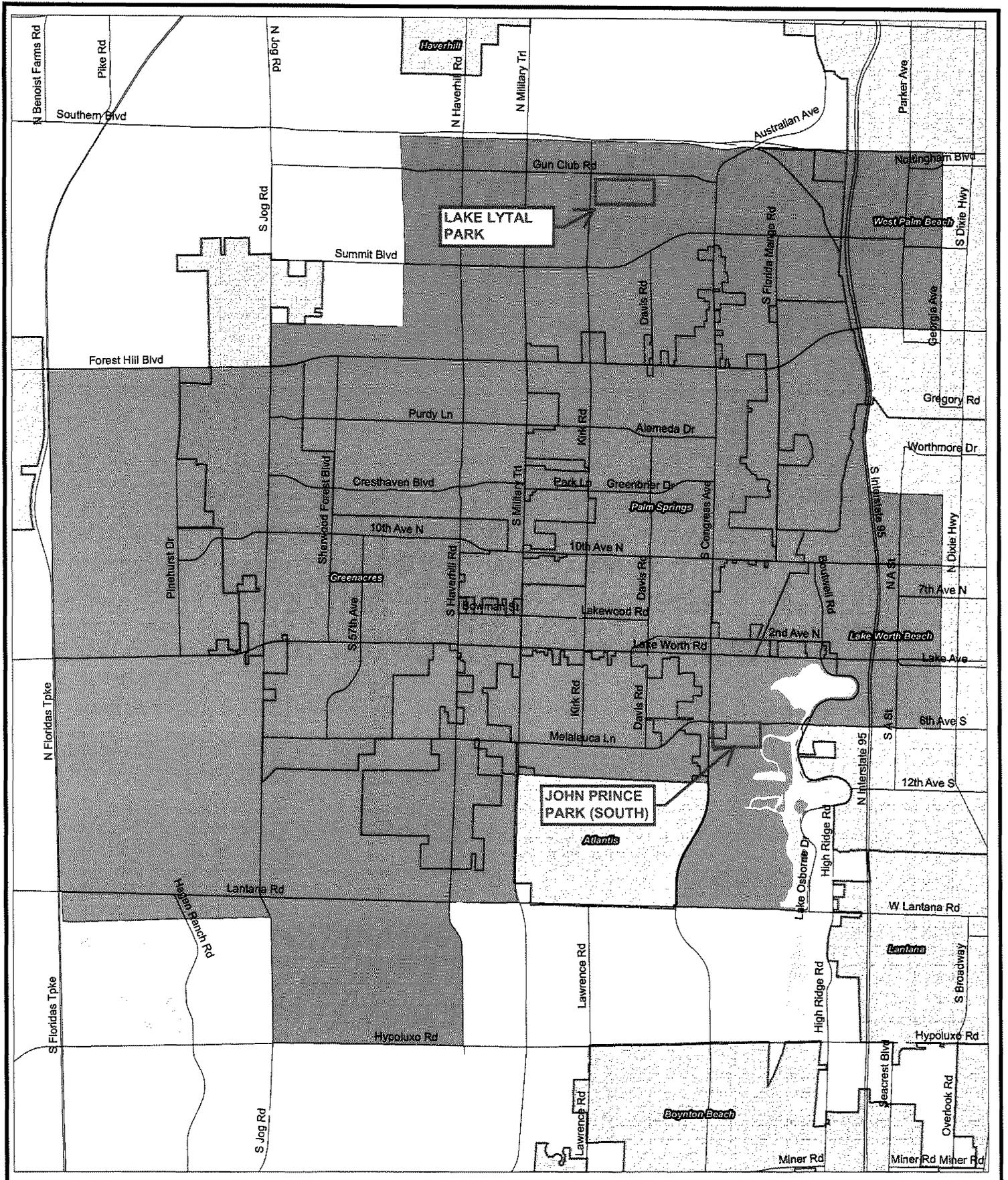
0 1 2 3 Miles



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PALM BEACH COUNTY



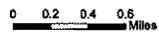
LOCATION MAP
 AGENDA ITEM
 CONSULTANT SERVICE AUTHORIZATION No. 7
 CHEN MOORE AND ASSOCIATES INC.
 WJD PROJECT No. 24-038



Municipalities



District 3



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PALM BEACH COUNTY

GIS Service Bureau December 16, 2021

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
DX00002560	Chen Moore And Associates, Inc.	Modified	Compliant					23-029	Contract For Consulting/Professional Services General Utility, Architectural And Value Engineering Services
		A++ , XV	Travelers Casualty and Surety Company of America	BA2W150087	1/1/2025	1/1/2026	Auto Liability		
		A++g , XV	Travelers Property Casualty Company of America	CUP00A762829A	1/1/2025	1/1/2026	Excess Liability		
		A++g , XV	The Travelers Indemnity Company	660A365479A	1/1/2025	1/1/2026	General Liability		
		Ar , XV	Crum & Forster Specialty Insurance Company	PKC116934	1/1/2025	1/1/2026	Professional Liability		
		Ap , IX	American Interstate Insurance Company	AVWCFL3335872025	1/1/2025	1/1/2026	Workers Comp		

Risk Profile : Standard - Professional Services

Required Additional Insured : Palm Beach County Board of County Commissioners

Ownership Entity :