

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM SUMMARY**

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<b>Meeting Date:</b>	May 7, 2024	<input checked="" type="checkbox"/>	<b>Consent</b>	<input type="checkbox"/>	<b>Regular</b>
		<input type="checkbox"/>	<b>Workshop</b>	<input type="checkbox"/>	<b>Public Hearing</b>

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<b>Department:</b>	Engineering & Public Works Department
<b>Submitted By:</b>	Engineering & Public Works Department
<b>Submitted For:</b>	Roadway Production Division

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**I. EXECUTIVE BRIEF**

**Motion and Title: Staff recommends motion to approve:** Consultant Service Authorization No. 7 (CSA) to the Civil Engineering Annual Services Contract (R2022-0464) dated May 17, 2022 (Contract) with Mock, Roos & Associates, Inc. (MRA) in the amount of \$254,972.96 for the Lantana Road Drainage System Study (Project).

**SUMMARY:** Approval of this CSA will allow MRA to prepare a report of findings and recommendations for addressing deficiencies in two sections of the existing drainage system on Lantana Road between Military Trail and Congress Avenue. On June 16, 2021, the Goal Setting Committee applied Affirmative Procurement Initiatives of a 20% minimum mandatory Small Business Enterprise (SBE) participation and a Minority Business Enterprise preference for African American owned firms. MRA agreed to 27% SBE participation for the Contract. There is no SBE participation for this CSA. MRA has an office located in Palm Beach County (County). **This Project is included in the Five-Year Road Program. District 2 (YBH)**

**Background and Justification:** On May 17, 2022, the Board of County Commissioners (BCC) approved the Contract with MRA to provide the professional services for civil design throughout the County. The fee, as detailed in **Exhibit B** of the attached CSA, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$ 63,207.96	(Research Existing Road and Drainage Review Plans, Perform Site Visits, Develop Proposed Improvements Coordination and Prepare Draft Report).
Reimbursable Services (Not to Exceed)	<u>\$191,765.00</u>	(Underground pipe and structural investigation, MOT and Prints)
Total:	\$254,972.96	

After reviewing the attached CSA and finding it in proper order, the Engineering & Public Works Department recommends BCC approval.

**Attachments:**

1. Location Map
2. CSA No. 7 with Exhibits A, B, C, D & Ebix Insurance Compliance (2)

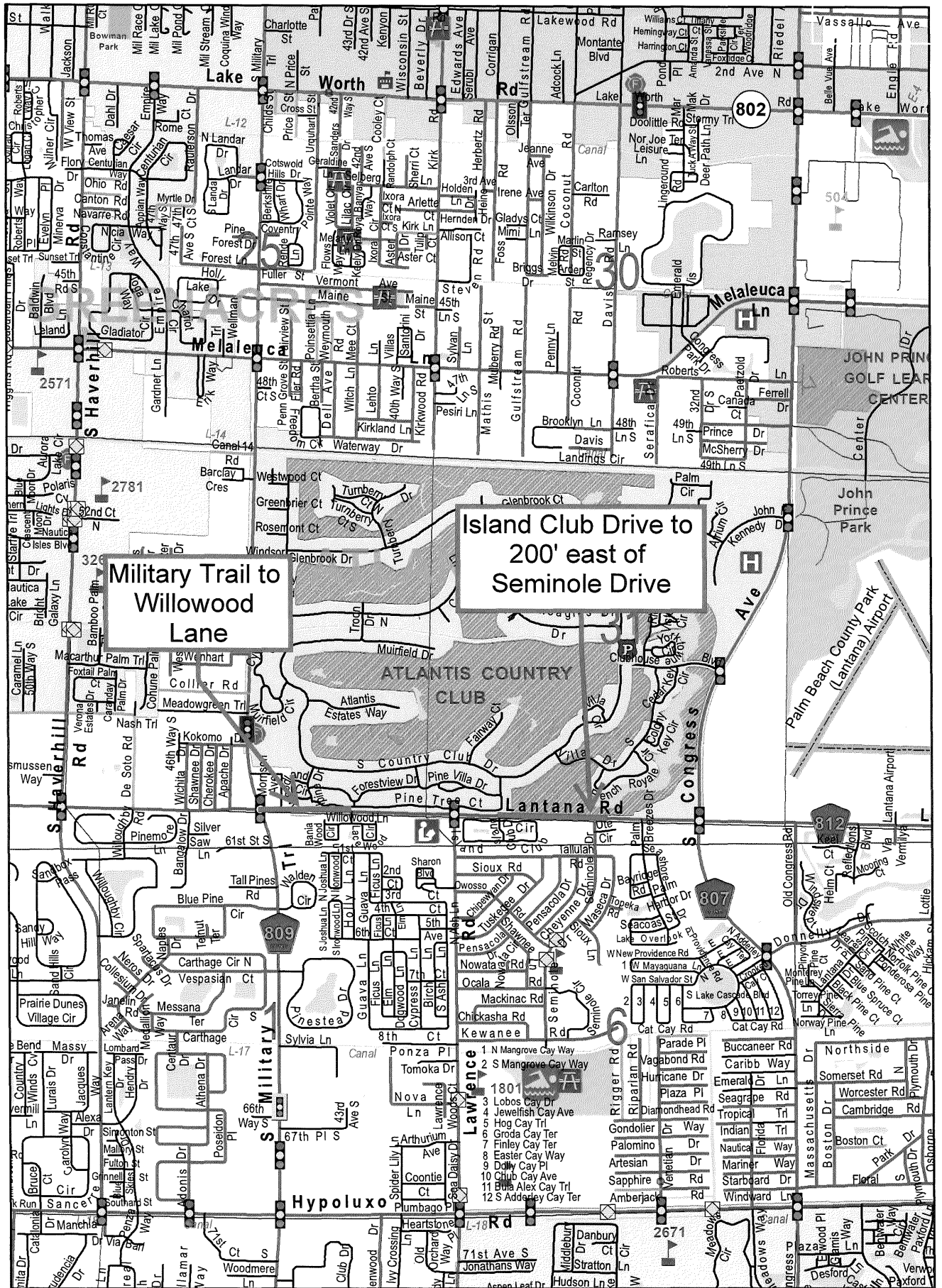
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Recommended by:	<i>[Signature]</i> County Engineer	3/20/2024 Date
Approved By:	<i>[Signature]</i> Deputy County Administrator	4/1/24 Date



# LANTANA ROAD DRAINAGE SYSTEM STUDY

## Palm Beach County Project #2022831



N:\ROADWAY\AGENDA ITEMS PENDING (& DRAFTS)\2024\05-07-24\3-C-TBD 2022831 Lantana Drainage Study - new CSA\BCC AIS - (Save to Agenda Drafts Folder) Templates for Design Contracts.docx

**CONSULTANT SERVICE AUTHORIZATION NO. 7**  
**UNDER THE CIVIL ENGINEERING ANNUAL SERVICES CONTRACT**

Project Name: **Lantana Road Drainage System Study**

Project No: **2022831**

Commission District No.: **2**

SBE Participation for this authorization is **0%**

SBE Participation to date for this Contract is **18.70%**

SBE Commitment is **27%**

This authorization is under the EBO Ordinance.

**PALM BEACH COUNTY**

**BOARD OF COUNTY COMMISSIONERS**

**Account No.: 3500-361-1880-126-6505**

Consultant Service Authorization No. 7 (CSA) under the Civil Engineering Annual Services Contract dated May 17, 2022, (R2022-0464) (CONTRACT), between the COUNTY and the CONSULTANT identified herein is for the services described in **EXHIBIT A** and **EXHIBIT B** for this CSA.

1. CONSULTANT: Mock, Roos & Associates, Inc.
2. Address: 5720 Corporate Way, West Palm Beach, Florida 33407-2066
3. CONSULTANT shall begin work promptly on the requested Services, per the schedule attached as part of **EXHIBIT A**.
4. Scope of Services to be provided by CONSULTANT: Professional engineering services to Palm Beach County for the Lantana Drainage System Study project. Provide the existing drainage investigation and design services for the study in accordance with the attached **EXHIBIT A** dated February 7, 2024.
5. The compensation to be paid CONSULTANT for providing the requested services as detailed in **EXHIBIT B** shall be:

<input checked="" type="checkbox"/> Basic Services in a lump sum fee of	\$ 63,207.96
<input checked="" type="checkbox"/> Reimbursable Expenses capped at	<u>\$191,765.00</u>
<b>Totaling</b>	<b>\$254,972.96</b>
- OEBO Schedules 1 & 2 **EXHIBIT C**
- Project History **EXHIBIT D**
6. All terms of the CONTRACT, shall apply to this CSA.

**CONSULTANT SERVICE AUTHORIZATION NO. 7**  
**UNDER THE CIVIL ENGINEERING ANNUAL SERVICES CONTRACT**

IN WITNESS WHEREOF, this CSA is accepted as of the date signed by the COUNTY below, subject to the terms and conditions of the aforementioned CONTRACT.

CONSULTANT: **Mock, Roos & Associates, Inc.**

Federal ID: 59-0878800

COUNTY:

Approved as to Terms and Conditions

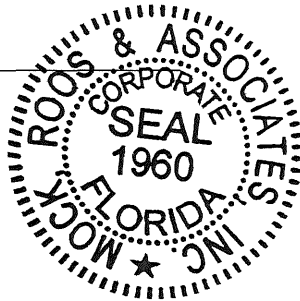
Signed: 


Typed Name: Garrytt G. Gruber, P.E.

Title: Senior Vice President

Date: 3/12/24

(Corporate Seal)



By: 

Typed Name: Morton L. Rose, P.E.

Title: Division Director

ATTEST WITNESS:

Signed: 

Typed Name: Debra C. McGray

Title: Corporate Secretary

Date: 3/12/24

**CONSULTANT SERVICE AUTHORIZATION NO. 7**  
**UNDER THE CIVIL ENGINEERING ANNUAL SERVICES CONTRACT**

{SIGNATURE PAGES CONTINUED}

COUNTY: **Palm Beach County**, a Political  
Subdivision of the State of Florida, by and  
through its Board of County Commissioners

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

Typed Name: Maria Sachs

Title: Mayor

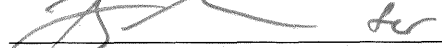
Date: \_\_\_\_\_

**ATTEST:**

Joseph Abruzzo  
Clerk of the Circuit Court & Comptroller

By: \_\_\_\_\_  
Deputy Clerk

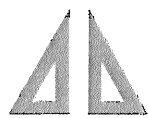
Approved as to Form and Legal Sufficiency

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

Typed Name: Yelizaveta B. Herman

Title: Assistant County Attorney

*N:\ROADWAY\CCN\ANNUALS\CIVIL\Mock, Roos\2022\2022831 Lantana Drainage Study\CSA and Supplement Template.docx*



MA OK  
2-19-24

**EXHIBIT "A"**  
**LANTANA ROAD**  
**DRAINAGE SYSTEM STUDY**  
Palm Beach County Project No. 2022831

**SCOPE OF SERVICES**

March 8, 2023  
Revised March 17, 2023  
Revised May 25, 2023  
Revised June 27, 2023  
Revised November 20, 2023  
Revised January 22, 2024  
Revised February 7, 2024

**OVERVIEW**

Palm Beach County maintains a drainage system mostly comprised of swales, inlets, culverts, and outfall pipes serving the entire length of Lantana Road. Lantana Road is a 6-lane paved roadway with curb, gutter and sidewalks on both sides of the street. It has an underground piped drainage system consisting of curb inlets, storm water collection boxes, manholes and piped outfalls. Palm Beach County Road and Bridge Division (PBC R&B) indicates that they have observed roadway flooding, roadway surface depressions, potential sinkholes, and believe that certain portions of the existing system may be functioning below its intended capacity. PBC R&B have identified what they consider the two worst segments of the roadway for frequent flooding.

The County has requested that Mock•Roos provide engineering services to investigate the conditions of the existing drainage system at these two segments of Lantana Road and provide potential solutions to alleviate the flooding. The two roadway segments are:

1. From Military Trail to Willowood Lane, encompassing approximately 1,400 lineal feet of roadway right-of-way.
2. From Island Club Drive to about 200 feet east of Seminole Drive, encompassing approximately 1,700 lineal feet of Lantana Road right-of-way.

**SCOPE OF SERVICES DESCRIPTION**

1. Research County records to obtain as-built construction plans and related data of the two segments of the Lantana Road drainage system.
2. Perform a review of the applicable construction documents to identify existing outfalls, main trunk lines, cross drains, side drains, manholes and surface collection inlets.
3. Prepare a master drainage exhibit for use in performing, and documenting study findings.

4. Perform a formal site visit to confirm the presence of collection structures with County staff and discuss reported drainage issues and concerns. Review above ground conditions and photo document findings.
5. Provide and coordinate the services of a subconsultant, Shenandoah General Construction, LLC, to obtain additional underground piping and structure investigations using CCTV to complement information provided by the County, and determine, as best as possible, underground pipe and structure conditions for each of these roadway drainage systems. It is initially estimated that as much as 4,500 lineal feet of storm drainage piping will require inspections. This value could change during the course of the investigations. These investigations will be obtained from Shenandoah General Construction, LLC, an experienced infrastructure inspection company with CCTV capabilities under a **reimbursable allowance**. If it is determined that additional allowance is required, a supplement will be submitted for approval. This allowance is based on the following:
  - a. We presume that the total 3,100 LF project has up to 4,500 LF of underground pipelines, including side drains, cross drains and outfall pipes. We also presume that about 70% of these pipelines could be as large as 42" diameter or greater. We estimate that approximately 22 access structures are available to obtain the necessary information.
  - b. Maintenance of Traffic around the pipe inspection equipment will be required.
  - c. Night-time work may be required.
  - d. The initial allowance will include these elements and other work that becomes necessary to determine conditions of the applicable underground storm drainage system of Lantana Road. Should the initial allowance be inadequate to complete the project, additional reimbursable funds will be required.
6. Perform a review of the CCTV results of the existing underground drainage systems. This review is intended to identify deficiencies in pipes or drainage structures that may be affecting their proper performance. Deficiencies will be catalogued by location and probable impact upon the existing drainage system.
7. Perform up to two site visits during localized rainfall events to observe existing drainage system functionality and confirm findings of any underground deficiencies. Photo documentation exhibits will be obtained as necessary.
8. Coordinate with Palm Beach County staff to identify potential solutions at each selected area of deficiency, to repair, clean or otherwise restore the system to its original intended function. Evaluation of potential solutions will include pipe/structure replacement and/or various rehabilitation methods. No evaluation of system capacity or ICPR modeling is included.
9. Develop a general proposed improvements exhibit at each problem location.
10. Provide a conceptual level Engineer's Opinion of Probable Construction Cost for each potential solution.
11. Prepare and submit a draft Letter Report documenting the evaluation, potential solutions and conceptual costs outlined above.
12. Meet with County staff, incorporate comments, and prepare a final Letter Report for the County's use (to be submitted electronically).



## **ANTICIPATED DELIVERABLES**

The following items of work shall be the project deliverables:

A Letter Report documenting the drainage evaluation activities, including conceptual diagrams, conceptual construction cost estimates, and recommendations for improvements where possible. Two (2) hard copies with electronic versions of the completed report will be provided in .pdf format.

## **PROJECT SCHEDULE**

The above scope of services is expected to be completed within 270 days from written Notice to Proceed.

Name of Project:		Lantana Road Drainage System Study					Consultant Name:		Mock, Roos & Associates, Inc.		
PBC Project Number:		2022831					Consultant Number:				
							Date:		11/20/2024		
Task Description	Total Staff Hours	Staff Categories						Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task	
		Principal Engineer	Project Manager	Senior Engineer	Engineer	Engineer Intern					
		\$85.00	\$72.90	\$62.58	\$47.00	\$33.70					
<b>BASIC SERVICES</b>											
1	Research County Existing Road and Drainage Plans	14.0	0.0	0.0	14.0	0.0	0.0	14.0	\$876.12	\$ 62.58	
2	Review Plans/Identify Facilities	20.0	2.0	4.0	10.0	4.0	0.0	20.0	\$1,275.40	\$ 63.77	
3	Prepare Master Drainage Exhibit from existing plans	14.0	0.0	2.0	2.0	10.0	0.0	14.0	\$740.96	\$ 52.93	
4	Perform Site Visits with County	20.0	2.0	8.0	10.0	0.0	0.0	20.0	\$1,379.00	\$ 68.95	
5	Coordinate with Subcontractor for obtaining CCTV	30.0	4.0	16.0	10.0	0.0	0.0	30.0	\$2,132.20	\$ 71.07	
6	Perform review of CCTV to identify deficiencies	36.0	8.0	4.0	16.0	8.0	0.0	36.0	\$2,348.88	\$ 65.25	
7	Perform up to two site visits during storm events	20.0	0.0	8.0	12.0	0.0	0.0	20.0	\$1,334.16	\$ 66.71	
8	Identify and evaluate potential solutions	40.0	4.0	4.0	20.0	12.0	0.0	40.0	\$2,447.20	\$ 61.18	
9	Develop Proposed Improvements Exhibit	32.0	0.0	4.0	4.0	12.0	12.0	32.0	\$1,510.32	\$ 47.20	
10	Conceptual level Engineer's Opinion of Probable Costs	18.0	0.0	4.0	14.0	0.0	0.0	18.0	\$1,167.72	\$ 64.87	
11	Prepare Draft Report/Meet County	54.0	8.0	24.0	18.0	0.0	4.0	54.0	\$3,690.84	\$ 68.35	
12	Prepare Final Letter Report	30.0	6.0	18.0	4.0	2.0	0.0	30.0	\$2,166.52	\$ 72.22	
<b>Total Staff Hours (Basic Services)</b>		<b>328.0</b>	<b>34.0</b>	<b>96.0</b>	<b>134.0</b>	<b>48.0</b>	<b>16.0</b>	<b>328.0</b>	<b>\$21,069.32</b>	<b>\$ 64.24</b>	
<b>Total Staff Cost (Basic Services)</b>			<b>\$2,890.00</b>	<b>\$6,998.40</b>	<b>\$8,385.72</b>	<b>\$2,256.00</b>	<b>\$539.20</b>				

EBO SBE Calculation for this Fee Summary		SBE \$	Non-SBE \$
Prime	\$	-	\$63,572.96
Shenandoah Construction		\$0.00	\$191,400.00
<b>Totals</b>		<b>\$ -</b>	<b>\$ 254,972.96</b>

SBE % Achieved		0%
SBE % Committed		27.00%

Basic Services:	
Salary Related Costs:	\$21,069.32
Contract Multiplier	3.00
<b>Subtotal Basic Services (Prime Firm):</b>	<b>\$63,207.96</b>
Subconsultant 1	\$0.00
Subconsultant 2	\$0.00
<b>Subtotal Basic Services (Subconsultants)</b>	<b>\$0.00</b>
<b>Basic Services Total:</b>	<b>\$63,207.96</b>

Reimbursables:	
Prime Consultant	\$0.00
Shenandoah General Construction, LLC	\$191,400.00
Permit Fees	\$0.00
Printing	\$365.00
<b>Reimbursables Total:</b>	<b>\$191,765.00</b>

<b>Grand Total Estimated Fees:</b>	<b>\$254,972.96</b>
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Estimator: GGG

Lantana Road Drainage System Study

Date: 11/20/2023

2022831

Task No.	Task	Units	No. of Units	Hours/ Unit	Total Hours	Comments
1	Research County records for Existing Road and Drainage Plans (2 sections +/- 3,000 LF)	LS	1	14	14	
2	Review plans to identify outfalls, main trunk lines, pipelines, and structures	EA	1	20	20	
3	Prepare Master Drainage Exhibit from existing plans	LS	1	14	14	
4	Site Visits to confirm system components; discuss potential problems or issues with County staff	LS	1	20	20	photo document (1 site visit)
5	Coordinate with Subcontractor for obtaining videos/photos (CCTV) of underground system (2 segments - +/- 3,000 LF)	LS	1	30	30	
6	Perform review of CCTV to identify deficiencies	LS	1	36	36	catalogue findings
7	Perform up to two site visits during storm events (if possible)	LS	1	20	20	photo document (up to 2 site visits)
8	Identify and evaluate potential solutions of apparent deficiencies	LS	1	40	40	
9	Develop Proposed Improvements Plan (Exhibit)	LS	1	32	32	
10	Conceptual level Engineer's Opinion of Probable Costs	LS	1	18	18	
11	Prepare Draft Report/Meet County Staff	LS	1	54	54	Include incorporating PBCO comments
12	Prepare Final Letter Report	LS	1	30	30	
<b>Drainage Analysis Total</b>					<b>328</b>	

**LANTANA ROAD DRAINAGE STUDY**

**Out-of-Pocket Printing Expenses  
11/20/2023**

**Printing Fees**

	<u># sheets</u>	<u>total</u>	<u>number</u>	<u>total</u>	
<u>REPRODUCTION</u>	<u>sets</u>	<u>per set</u>	<u>sheets</u>	<u>submittals</u>	
<u>22x34 prints</u>				<u>copies</u>	
PBC construction plans	2	20	40	2	80
<b>TOTAL COPIES</b>					80
Rate per sheet					\$2.25
<b>Total Cost for 22x34 copies</b>					\$ <b>180.00</b>
<b>11x17 copies</b>					
Drainage System plans	2	20	40	2	80
Internal Working Copies			180	1	180
<b>TOTAL COPIES</b>					260
Rate per sheet					\$ 0.25
<b>Total Cost for 11x17 copies</b>					\$ <b>65.00</b>
<b>8-1/2x11 copies</b>					
CCTV Reports	2	25	50	2	100
Miscellaneous Correspondence	1	300	300	1	300
Report/Documentation	4	50	200	4	800
<b>TOTAL SHEETS</b>					1,200
Rate per sheet					\$ 0.10
<b>Total Cost for 8-1/2x11 copies</b>					\$ <b>120.00</b>
<b>TOTAL REPRODUCTION COSTS</b>					\$ <b><u>365.00</u></b>

1888 NW 22nd Street  
(954) 975-0098



**SHENANDOAH**

Pipe Inspection & Restoration Specialist

Pompano Beach, FL, 33069  
shenandoahus.com

DATE: November 14, 2023  
SUBMITTED TO: Mock, Roos & Associates Inc  
STREET: 5720 Corporate Way  
CITY, STATE & ZIP: West Palm Beach, FL 33407  
PHONE: (561) 494-1088  
FAX:  
EMAIL: garry.gruber@mockroos.com  
JOB NAME: Lantana Rd Drainage Study  
ATTENTION: Garry Gruber

PROPOSAL #P29120

We propose to furnish a crew and all necessary equipment to Set MOT, plug and dewater to clean & TV existing drainage lines as directed by client on Lantana Road (Military Trail to Wildwood Ln and from Island Club Dr to approx. 200' east of Seminole Drive). Provide client with One Drive link to videos and reports at the above mentioned job location. This work will be performed at our following hourly and/or unit prices:

Vac/TV/Supprt trucks, Pump, Plugs, MOT	(at \$8,700.00 Each)	22 Each	\$191,400.00
<b>Estimated Total:</b>			<b>\$191,400.00</b>

Notes: The above is ESTIMATED and actual days used will be invoiced. Plans not provided at bid time, therefore system layout, size of pipe(s), amount of debris in pipe is unknown. Some systems may not be able to be completely dewatered due to infiltration issues with pipe run(s).

NOTE: This proposal includes removal of loose debris from the structures and pipes (excluding hazardous waste), if non-hazardous contaminated liquids or soils are encountered, such as oil, gas, fuel, hydraulic oil, etc., the customer will be required to have the material analyzed, by an approved lab, then approved by a disposal facility, prior to Shenandoah transporting and disposing of the material, additional cost for specialty hauling and disposal will be applied to the invoice, along with documented receipt. However, we are not responsible for problems occurring during or after cleaning due to pre-existing condition, original installation or design.

This proposal may be withdrawn if not accepted within 10 days. Payment terms: Shenandoah will bill client monthly. Shenandoah to receive payment following Mock Roos' receipt of funds from Palm Beach County.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Price above is only an estimate of foreseen conditions. Unforeseen conditions can affect the amount of time to complete the work, therefore increasing or decreasing estimate. All agreements are contingent upon strikes, accidents or delays beyond our control. Unless noted above engineering, permits, testing and bonds are not included in the pricing. Owner is to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance. Parties to this proposal/contract expressly waive all tort claims against each other and limit their remedies to breach of contract.

SIGNATURE:

This document is the property of Shenandoah General Construction. It is intended only for the use of the individual or entity to which it is addressed and may contain information that is non-public, proprietary, privileged, confidential and exempt from disclosure under applicable law or may constitute as attorney work product. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication of this document is strictly prohibited. If you have received this document in error, notify us immediately by telephone (954) 975-0098 or Email: help@shenandoahus.com and destroy this document immediately if this is an



**OEBO SCHEDULE 1**

SOLICITATION/PROJECT/BID NAME: Lantana Road Drainage System Study  
 SOLICITATION OPENING/SUBMITTAL DATE: September 14, 2021

SOLICITATION/PROJECT/BID NO.: 2022831  
 COUNTY DEPARTMENT: Engineering and Public Works

**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) 683-3113 ext 293 E-MAIL: garry.gruber@mockroos.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$63,572.96  
 \*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE  MBE  WBE  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	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
		Minority Business	Women Business	Small Business						
1. Shenandoah General Construction, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	\$191,400.00
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____

(Please use additional sheets if necessary) Total \$191,400.00

Total Bid/Offer Price \$ 254,972.96 Total Certified S/M/WBE Participation \$ n/a  
 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 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.

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

SOLICITATION/PROJECT NUMBER: 2022831

SOLICITATION/PROJECT NAME: Lantana Road Drainage Study

Prime Contractor: Mock, Roos & Associates, Inc. Subcontractor: Shenandoah General Construction, LLC

(Check box(s) that apply)

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

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

**Column 1** **Column 2** **Column 3**  
 Male  Female  African-American/Black  Asian American  Caucasian American  Supplier  
 Hispanic American  Native American

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Underground Pipes and Structural Investigation	\$8,700.00	22		\$191,400.00

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: \$191,400.00

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

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

Mock, Roos & Associates, Inc.  
 Print Name of Prime  
 By: [Signature]  
 Authorized Signature  
Garrytt G. Gruber, P.E.  
 Print Name  
Senior Vice President  
 Title  
 Date: 2/16/24

Shenandoah General Construction, LLC  
 Print Name of Subcontractor/subconsultant  
 By: [Signature]  
 Authorized Signature  
Anthony Guglielmi  
 Print Name  
President  
 Title  
 Date: 2/18/24



**PROJECT HISTORY**

Exhibit D

<b>Lantana Road Drainage System Study</b> <b>Project# 2022831</b>					
Authorization	Supplement	Date Approved	Total Amount	SBE Amount	SBE %
BCC	Original CSA	Pending	\$ 254,972.96	\$ -	0.00%
<b>Project Totals</b>			<b>\$ 254,972.96</b>	<b>\$ -</b>	<b>0.00%</b>



**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
DX00001714	Mock, Roos & Associates, Inc.		Compliant					2022050	Annual Civil Engineering Services (R2022-0464)
		Ag , XV	Continental Insurance Company	CUE5084970362	1/1/2024	1/1/2025	Excess Liability		
		Ag , XV	American Casualty Company of Reading, Pennsylvania	5084971043	1/1/2024	1/1/2025	General Liability		
		A+g , XV	XL Specialty Insurance Company	DPR5011927	4/26/2023	4/26/2024	Professional Liability		
		Ag , XV	Valley Forge Insurance Company	WC5084970328	1/1/2024	1/1/2025	Workers Comp		

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