

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: January 23, 2023 Consent Regular
 Workshop Public Hearing

Department: Engineering & Public Works Department
Submitted By: Engineering & Public Works Department
Submitted For: Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Consultant Service Authorization (CSA) No. 3 to the Intersection Improvements Annual Design Services Contract (R2023-0476) dated April 18, 2023 (Contract) with HSQ Group, LLC (HSQ) in the amount of \$246,769.09 for the Palmetto Park Road and Powerline Road Intersection Improvements (Project).

SUMMARY: Approval of this CSA will provide the professional services necessary to design turn lane improvements for the Project. On January 5, 2022, the Goal Setting Committee applied Affirmative Procurement Initiatives of a 20% minimum mandatory Small Business Enterprise (SBE) participation and an SBE evaluation preference. HSQ agreed to 80% SBE participation for the Contract. They agreed to 100% SBE participation for this CSA. HSQ has an office located in Palm Beach County (County) and is a certified SBE company. District 4 (YBH)

Background and Justification: On April 18, 2023, the Board of County Commissioners (BCC) approved the Contract with HSQ to provide the professional services to design intersection improvements 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)	\$228,337.79	(Roadway Analysis & Plans, Drainage Analysis & Plans, Utilities, Environmental Permits, Signing and Pavement Marking, Plans)
Reimbursable Services (Not to Exceed)	\$ 9,112.10	(Permit Fees and Geotechnical)
Optional Services (Not to Exceed)	\$ <u>9,319.20</u>	(Post Design Services)
Total:	\$246,769.09	

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. 3 with Exhibits A, B, C, D & Ebix Insurance Compliance (2)

Recommended by: *[Signature]* *[Signature]* 12/28/23
YBH/TEL County Engineer Date

Approved By: *[Signature]* 12/28/23
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2024	2025	2026	2027	2028
Capital Expenditures	\$ 346,770	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$ 346,770	-0-	-0-	-0-	-0-
# ADDITIONAL FTE					
POSITIONS (Cumulative)	-0-	-0-	-0-	-0-	-0-

Is Item Included in Current Budget? Yes No
 Is this item using Federal Funds? Yes No
 Is this item using State Funds? Yes No

Budget Account No:

Fund 3505 Dept 361 Unit 2006 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Zone 5 Fund
 Palmetto Park Rd. & Powerline Rd. Intersection Improvement

Consultant Service Authorization(CSA) #3 Impact Fee Project Description

• Basic Services	\$ 228,337.79
• Reimbursable	\$ 9,112.10
• Optional Services	\$ 9,319.20
Total CSA #3	\$ 246,769.09

This CSA for Palmetto Park Road and Powerline Road Intersection Improvements will provide payment for professional services necessary to design and provide permits and construction plans for the project. The project will add a third NBLT and the intersection will be realigned. This work will provide additional roadway capacity needed to serve new development within impact fee zone 5. The use of Impact Fees is in accordance with Article 13, Chapter A, Section 9 and Chapter 11, section 4 of the ULDC.

Estimated Staff Costs

• Roadway Production	\$ 50,000.00
• Right of Way	\$ 12,500.00
• Survey	\$ 12,500.00
• Traffic	\$ 25,000.00
Total Staff Costs	\$ 100,000.00

Fiscal Impact \$ 346,769.09

C. Departmental Fiscal Review: Danny Randal Singh

III. REVIEW COMMENTS

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

[Signature] 10/16/23
 OFMB 11/2/23 9A 12/11
 MD 12/11

[Signature] 12/13/23
 Contract Dev. and Control
 12/13/23

B. Approved as to Form and Legal Sufficiency:

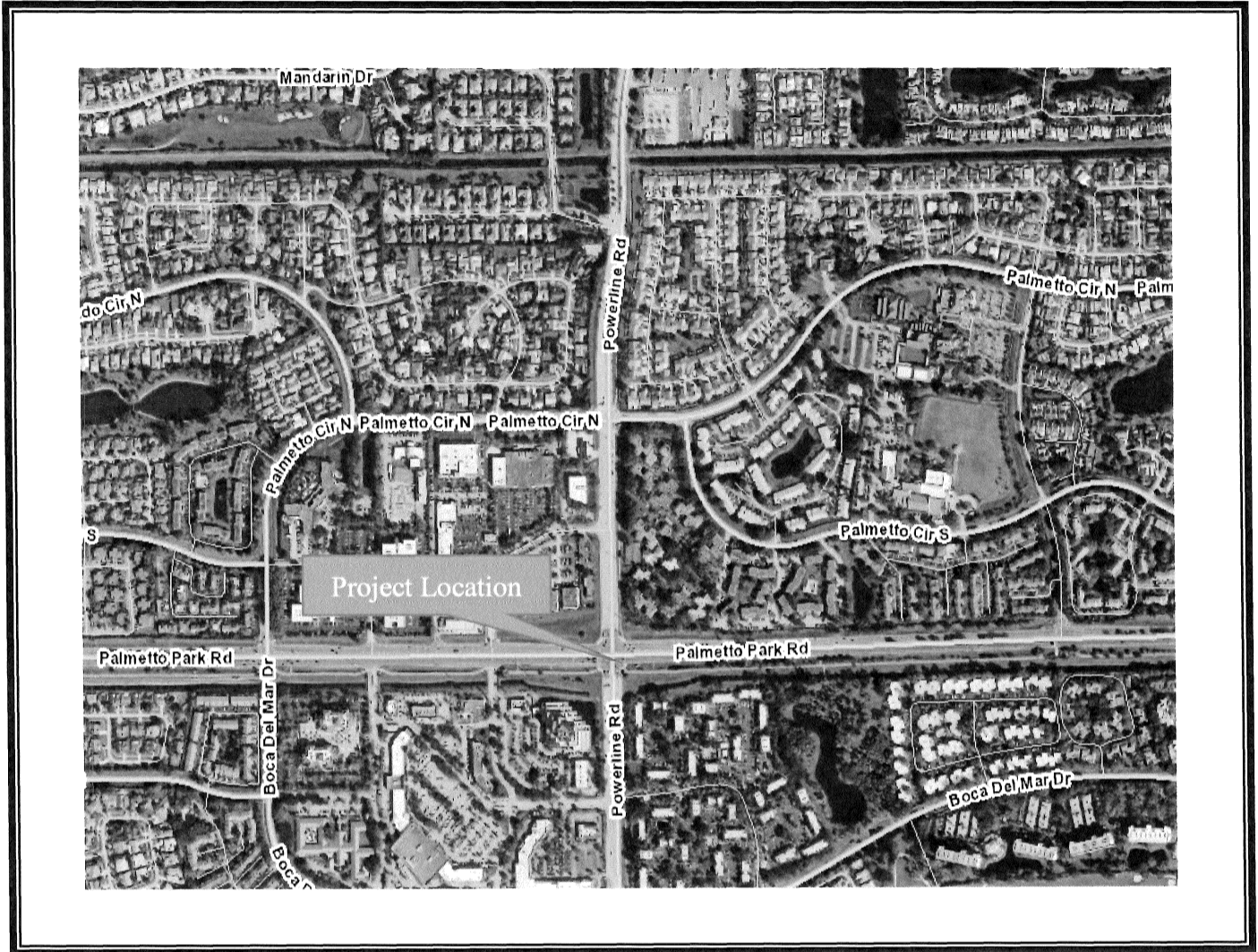
[Signature] 12/15/23
 Assistant County Attorney

C. Other Department Review:

 Department Director

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

PROJECT LOCATION
PALMETTO PARK ROAD AND POWERLINE ROAD
INTERSECTION IMPROVEMENTS
Palm Beach County Project # 2021104



LOCATION MAP

ATTACHMENT 1

CONSULTANT SERVICE AUTHORIZATION NO. 3
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL
DESIGN SERVICES CONTRACT

Project Name: **Palmetto Park Road and Powerline Road Intersection Improvements**

Project No: **2021104**

Commission District No.: **5**

SBE Participation for this authorization is **100%**

SBE Participation to date for this Contract is **100%**

SBE Commitment is **80%**

This authorization is under the EBO Ordinance.

PALM BEACH COUNTY

BOARD OF COUNTY COMMISSIONERS

Account No.: 3505-361-2006-6505

Consultant Service Authorization No. 3 (CSA) under the Intersection Improvements Annual Design Services Contract dated April 18, 2023 (R2023-0476), (CONTRACT), between the COUNTY and the CONSULTANT identified herein is for the services described in **EXHIBIT A** and **EXHIBIT B** for this CSA. Additional Services described in **EXHIBIT A** and **EXHIBIT B** for this Supplement.

1. CONSULTANT: HSQ Group, LLC

2. Address: 1001 Yamato Road, Suite 105 Boca Raton, FL 33486

3. CONSULTANT shall begin work promptly on the requested Additional Services, per the schedule attached as part of **EXHIBIT A**.

4. Scope of Services to be provided by CONSULTANT: Provide professional engineering services to Palm Beach County for the Palmetto Park Road and Powerline Road Intersection Improvements project. Signal and intersection design for a third northbound left turn lane in accordance with the attached **EXHIBIT A** dated September 9, 2023.

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	\$228,337.79
<input checked="" type="checkbox"/> Reimbursable Expenses capped at	\$ 9,112.10
<input checked="" type="checkbox"/> Optional Services capped at	\$ 9,319.20
Totaling	\$246,769.09

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. 3
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL
DESIGN 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: **HSQ Group, LLC**
Federal ID: VC0000016826

COUNTY:

Approved as to Terms and Conditions

Signed: 

Typed Name: Nour Shedhadeh, P.E.

Title: Managing Member

Date: November 30, 2023

By: 

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

Title: Division Director


(Corporate Seal)

ATTEST WITNESS:

Signed: 

Typed Name: BethAnn Shay

Title: Office Manager

Date: November 30, 2023

CONSULTANT SERVICE AUTHORIZATION NO. 3
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL
DESIGN 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

E:\ROAD\BIDDING\ANNUAL INTERSECTION HISQ 2021 2021104 Palmcno Park and Powerline CSA and Supplement Template.docx



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*OK to proceed
as to scope
t/fee.*

*KOFarnell
9/15/23*

*Prev. reviewed
approved H.A*

SCOPE OF SERVICES

**Palmetto Park Road and Powerline Road Intersection Improvements
Palm Beach County Project No. 2021104**

May 11, 2023

Rev. August 31, 2023

Rev. September 9, 2023

PROJECT INTENT LIMITS

The intent of this project is to construct an addition third northbound left turn lane at Powerline Road and Palmetto Park Road. With the addition of the NBLT, the intersection geometry will be affected and therefore minor realignment of the travel lanes will be required. Drainage design and modification will also be part of the scope of work. The county will be preparing signal plan ahead of the intersection design. The signal and the intersection designs will be coordinated.

The CONSULTANT will follow the county's standards in developing the project construction plans. Survey will be conducted for the limits as shown below and a specific purpose survey will be prepared. A master plan will be prepared to show three options as discussed below. Plans will be submitted at different stages of developments at 35%, 65%, 96%, 100%, and Final.

The limits of the intersection improvement will be as follow:

- East: from the center of intersection to approximately 300' east.
- West: from the intersection to approximately 600' west.
- North: from the intersection to approximately 750'.
- South: from the intersection to approximately 1200' south.

Total project length 2850 LF or approximately 0.54 miles.

PROJECT DESCRIPTION

The design of the project will be based on the following:

1- Two options will be evaluated for the master plan as shown below:

Option I

- a- Convert the SBRT/THRU at Palmetto Park Rd to exclusive right, and use the existing drop right south of the intersection to install the third NBLT.
- b- Construct exclusive SBRT at the shopping center within existing dedicated ROW to replace the drop right.

Option II

- a- Remove the existing 6' traffic separator for NB, shift the southbound lanes south of the intersection 6' to the west within existing ROW to install the third NBLT.

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- b- Maintain the SB drop right and transition to the south to meet existing condition.
- 2- The design speed will be 45 mph.
- 3- Auto turn simulation will be run based on FDOT design criteria as follows:
 - 3.1 The triple left turns should accommodate a WB-62FL (outside lane), a SU-40 (center or inside lane), and a P vehicle (center or inside lane) turning simultaneously.
 - 3.2 Design of dual left turns should accommodate a SU-50 vehicle (inside or outside lane) and a P vehicle (inside or outside lane) turning simultaneously
- 4- Lane widths will be 11' wide. Bike lanes 4' minimum and 7' maximum. Keyholes to be 5' minimum. The widths as listed will apply to Powerline Road north and south of the intersection depending on which option the county will adopt.
- 5- The receiving roadway width for the NB triple lefts will be set based on the auto turn result. If the receiving roadway width were to be widened, then the north edge of pavement of the receiving roadway will be constructed for 100' of full roadway width and then transition back to meet existing edge of pavement over 125'.

Plans will be prepared in accordance with the following standards:

- Palm Beach County, Thoroughfare Roadway Design Procedures latest version.
- Palm Beach County Typicals for Pavement Markings, Signing, & Geometrics. Latest version of April 2018.
- Florida Greenbook, May 2018 or latest version.
- FDOT Drainage Manual, January 2023.
- MUTCD, 2009 with revisions 1 and 2, May 2012, revision 3 August 2022
- FDOT Standard Plans and Florida Design Manual latest version.

BASIC SERVICES**1. Plans Preparation.**

Roadway plans with aerial background will be prepared in accordance with the approved Typical Section and Master Plan. The following plan sheets are included in our scope of services:

- 1- Cover Sheet
- 2- Summary of Pay Items
- 3- Typical Sections
- 4- General Notes
- 5- Roadway Plans
- 6- Roadway Profiles
- 7- Drainage Structure Sheets
- 8- Miscellaneous Details/ Special Profiles (including driveway profiles)
- 9- Cross Sections

Scope of Services
Powerline Road and Palmetto Park Road



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- 10- SWPPP plans
- 11- Signing and Pavement Marking Plans
- 12- Reference Points
- 13- Project Network Control Sheet

Signal plans are not part of this design. However, coordination with Palm Beach County Traffic Division will be part of the scope.

2. Permitting

Permit application packages will be prepared and submitted to the following agencies:

- LWDD
- SFWMD (ERP and Dewatering)

3. Utility Coordination

Utility coordination services will consist of the following:

- Preliminary plans will be forwarded to the County for use in obtaining utility markups from the various utility companies showing the location of existing facilities.
- Prepare a utility dgn file based on the markups received from the utility companies.
- Utility conflict matrix will be prepared at the 65% plan level. A utility pothole meeting will be scheduled by the County and attended by HSQ Group.
- Following receipt of utility pothole information, utility conflicts will be further discussed with the companies to resolve outstanding conflicts.
- A final utility coordination meeting will be scheduled by the County and attended by HSQ Group.
- Utility adjustment sheets
- Utility verification sheet (SUE)

4. Drainage Design

ASAD software will be used for the pipe sizing analyses to ensure that the additional impervious area is handled properly

A pavement spread analysis will be performed to confirm that the inlet spacings are adequate due to the increase in impervious areas.

Swale design will be performed in the areas of widening especially south of the Palmetto Park Road. If the swale is displaced then underground drainage pipes will be required.

The design and preparation of drainage system will be accomplished in substantial conformance with SFWMD and LWDD. A drainage report will be prepared to document the design.

Project Schedule

The CONSULTANT will prepare a project schedule and update it monthly for the life of the project.



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Signal Design

The signal will be designed and installed by the county prior to the proposed construction improvements under this contract.

Optional Services

1. Post design services will consist of attendance at the pre-construction meeting, review of contractor's submittals including shop drawings, mix designs, and catalog cut sheets, reviewing and responding to contractor's requests for information, and providing clarifications on the intent of the plans.

Reimbursable Services

1. **Geotechnical Engineering**
See attached scope from Tierra South Florida, Inc. (TSFGeo).

Right of way

Right of way acquisition is not anticipated.

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SURVEY SERVICES**Basic Services**

Specific Purpose/Topographic Survey shall meet and be certified to the applicable portions of the Standards of Practice set forth by the Florida Board of Professional Surveyors and Mappers in rule 5J-17.050-.052, Florida Administrative Code, pursuant to Chapter 472.027, Florida Statutes and this Appendix C of the Palm Beach County Roadway Design Procedures (January 2019) except as otherwise designated herein.

SURVEY LIMITS

East:from the center of intersection to approximately 300' east.

West:from the intersection to approximately 600' west.

North:from the intersection to approximately 750'.

South:from the intersection to approximately 1200' south.

Total project length 2850 LF or approximately 0.54 miles.

This intersection has very heavy traffic and therefore affects the speed of survey information collection.

SURVEY SCOPE

- (1) Review the title information provided by Palm Beach County. Obtain available plats and deeds from the Palm Beach County Property Appraiser's website to establish the existing right-of-way and compile the data to a base map. Consultant will advise the County of any apparent missing right-of-way documentation or of any apparent gaps or overlaps in the right-of-way per the documents provided.
- (2) Prepare a drawing showing the linework, width, and recording information of the right-of-way and easement documents provided and submit the drawing to the county for review and confirmation of the existing right-of-way.
- (3) Collect horizontal control data using the global positioning system from published monumentation, and establish control points every 600'± tied to Florida East Zone State Plane Coordinates (NAD 83, 1990 adjustment).
- (4) Collect published vertical benchmarks, perform a closed level loop, and establish benchmarks outside the limits of construction (NAVD 1988 datum) every 600'±.
- (5) Locate subdivision corners, section corners, and other existing control monuments that will assist in the determination of the location of the right-of-way lines and platted centerlines. Identify the existing control recovered and provide ties to the project baseline.
- (6) Locate visible above ground features with elevations (including walks, utilities, signage, striping, etc.) along the project area and 25' outside the right-of-ways.
- (7) Cross-section the project area at 100' intervals, within the right-of-ways and extend 25' past each right-of-way.

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- (8) Obtain drainage structure Rim/Grate information. Inverts, pipe sizes/types and culvert crossings will be obtained.
- (9) Locate trees 4" DBH and greater, indicating size and type, extending 25' outside the right-of-ways, for the west side of Palmetto Road only
- (10) Prepare a DTM (digital terrain model) of the project limits.
- (11) Establish baselines along Powerline Rd and Palmetto Park Road. Determine historical baselines from available PBCO documents and tie to new baseline if different. Set baseline horizontal control points at beginning, PC, PT, and end points. Set reference points to the baseline points (3 reference points each).
- (12) Prepare a Topographic Survey consisting of:
 - a. labeled right-of-ways, easements, and adjacent parcels,
 - b. existing features mentioned above with spot elevations
 - c. PBCO published section corners and/or control monuments tied to baseline begin and end,
 - d. found subdivision corners and/or other existing control monuments identified and tied to the baseline,
 - e. control points (horizontal and vertical) set every 600'± outside of the baseline,
 - f. the drainage structure rim/grate data. Inverts and pipe sizes/types will be obtained,
 - g. monumentation set at the baseline points,
 - h. baseline of survey, existing right-of-way, existing easements, centerline of construction, stations and offsets
 - i. Survey will be scaled to 1" = 40' on 11" x 17" sheets and be included in the Plan Set.
- (13) Prepare Project Network Control Sheet (to include baseline data, PBCo control monuments, baseline monumentation, control points/benchmarks, notes, legend, etc.), and Reference Point Sheet to be included in plan set.
- (14) Obtain the location of the Geotechnical borings (6 total)

Optional Services

- (15) Prepare Sketch and Legal descriptions for 3 parcels.

SURVEY DELIVERABLES

- 1- Topographic Survey (11"x17" sheets, 1"=40' scale).
- 2- Project Network Control Sheet(s) and Reference Point Sheet(s).
- 3- The SURVRD01 file in a Microstation cad format.
- 4- An ASCII file of points in terms of x,y,z, description.
- 5- A DTM in XML format for Microstation.

Estimate of Work Effort and Cost

Name of Project: **Palmetto Park Road and Powerline Road Intersection Improvements**
 PBC Project Number: **2021104**

Consultant Name: **HSQ Group, LLC**
 Consultant Number: **VC0000016826**
 Date: **9/8/2023**

Task Description	Total Staff Hours	Staff Categories								Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task
		Senior Engineer	Project Engineer	Project Manager	Engineer Intern	Two-Man Crew	Senior Surveyor and Mapper	Surveyor and Mapper	Survey Technician			
		\$69.00	\$55.00	\$70.00	\$37.00	\$55.00	\$60.00	\$50.00	\$33.00			
BASIC SERVICES												
1 4. Roadway Analysis	170.0	85.0	68.0	17.0	0.0	0.0	0.0	0.0	0.0	170.0	\$10,795.00	\$ 63.50
2 5. Roadway Plans	400.0	80.0	80.0	40.0	200.0	0.0	0.0	0.0	0.0	400.0	\$20,120.00	\$ 50.30
3 6a. Drainage Analysis	152.0	76.0	15.2	60.8	0.0	0.0	0.0	0.0	0.0	152.0	\$10,336.00	\$ 68.00
4 6b. Drainage Plans	124.0	12.4	43.4	18.6	50.0	0.0	0.0	0.0	0.0	124.4	\$6,394.60	\$ 51.40
5 7. Utilities	120.0	24.0	24.0	24.0	48.0	0.0	0.0	0.0	0.0	120.0	\$6,432.00	\$ 53.60
6 8. Environmental Permits, Compliance & Clearances	114.0	45.6	45.6	22.8	0.0	0.0	0.0	0.0	0.0	114.0	\$7,250.40	\$ 63.60
7 19. Signing & Pavement Marking Analysis	26.0	6.5	10.5	4.0	5.0	0.0	0.0	0.0	0.0	26.0	\$1,491.00	\$ 57.35
8 20. Signing & Pavement Marking Plans	96.0	19.0	14.5	9.5	53.0	0.0	0.0	0.0	0.0	96.0	\$4,734.50	\$ 49.32
9 Basic Survey Services	213.0	0.0	0.0	0.0	0.0	130.0	18.0	25.0	40.0	213.0	\$10,800.00	\$ 50.70
10 Topographic Survey	94.0	0.0	0.0	0.0	0.0	0.0	8.0	10.0	76.0	94.0	\$3,488.00	\$ 37.11
Total Staff Hours (Basic Services)	1509.0	348.5	301.2	196.7	356.0	130.0	26.0	35.0	116.0	1509.4		
Total Staff Cost (Basic Services)		\$24,046.50	\$16,566.00	\$13,769.00	\$13,172.00	\$7,150.00	\$1,560.00	\$1,750.00	\$3,828.00		\$81,841.50	\$ 54.22
OPTIONAL SERVICES												
1 Post Design Services	40.0	20.0	20.0							40.0	\$2,480.00	\$ 62.00
Total Staff Hours (Optional Services)	40.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0		
Total Staff Cost (Optional Services)		\$1,380.00	\$1,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$2,480.00	\$ 62.00

EBO SBE Calculation for this Fee Summary	SBE \$	Non-SBE \$
Prime	\$238,206.99	
Pacifica Engineering Services, LLC	\$8,562.10	
Totals	\$ 246,769.09	\$ -

SBE % Achieved **100.00%**
 SBE % Committed **80.00%**

Basic Services:	
Salary Related Costs:	\$81,841.50
Contract Multiplier	2.79
Subtotal Basic Services (Prime Firm):	\$228,337.79
Basic Services Total:	\$228,337.79

Reimbursables:	
Geotechnical Services (Pacifica Engineering Services, LLC)	\$8,562.10
Permit Fees (HSQ Group, LLC)	\$550.00
Reimbursables Total:	\$9,112.10

Optional Services:	
Prime Consultant (Unloaded)	\$2,480.00
Contract Multiplier	2.79
Prime Consultant (Loaded)	\$6,919.20
Sketch and Legal Descriptions 3 @ \$800 each (HSQ Group, LLC)	\$2,400.00
Optional Services Total:	\$9,319.20

Grand Total Estimated Fees: \$246,769.09

Project Activity 4: Roadway Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Typical Sections	EA	2	2	4	
4.2	Coordination With with traffic	LS	1	8	8	
4.5	Horizontal /Vertical Design	LS	1	54	54	
4.7	Auto turn	LS	1	12	12	
4.13	Alternatives evaluation	EA	2	16	32	
4.14	Quantities	LS	1	12	12	
4.15	Master Plan Cost Estimate	EA	1	8	8	
4.16	Construction Plan Cost Estimates	EA	2	8	16	65% and final
Roadway Analysis Technical Subtotal					146	
4.18	Field Reviews	LS	2	4	8	2 REVIEWS AT 3 HRS EACH FOR 2 PEOPLE
4.19	Design meeting with the county	EA	4	4	16	
Roadway Analysis Nontechnical Subtotal					24	
4. Roadway Analysis Total					170	

Project Activity 5: Roadway Plans

Task No.	Task	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Key Sheet	Sheet	1	4	4	
5.3	Master plan alternatives	Sheet	2	16	32	roll plots / pdf for each alternative
5.3.1	Typical Sections	sheet	1	8	8	
5.3.2	Typical Section Details	EA	1	6	6	
5.4	General Notes/Pay Item Notes	Sheet	1	6	6	
5.5	Summary of Quantities Sheet	Sheet	1	10	10	
5.8	Profile Sheet	EA	4	20	80	
5.9	Plan Sheet	EA	4	20	80	
5.11	Baseline Control	Sheet	2	4	8	
5.12	Driveway/ Sidestreet Profiles	EA	2	8	16	
5.14	Special Details	LS	1	8	8	
5.16	Roadway Soil Survey Sheet(s)	Sheet	1	2	2	
5.17	Cross Sections	EA	28	3	84	
5.21	Utility Adjustment Sheets	Sheet	4	12	48	
5.23	Project Network Control Sheet(s) and ref points sheets	Sheet	2	3	6	
5.25	Utility Verification Sheet(s) (SUE Data)	Sheet	1	2	2	
Roadway Plans Technical Subtotal					400	

Project Activity 6a: Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.7	Design of Stormwater Management Facility	LS	1	40	40	
6a.8	Spread Calculations	EA	8	2	16	
6a.9	Culvert design	EA	0	0	0	
6a.13	Drainage Design Documentation	LS	1	40	40	
6a.16	ASAD Pipe Sizing Calculations	LS	1	40	40	
6a.19	Exfiltration systems	EA	2	8	16	
60.20	Pond Siting Report	LS	0	0	0	
6a. Drainage Analysis Total					152	

6b. Drainage Plans

Task No.	Task	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
6b.1	Drainage Map	Sheet	1	30	30	pain view only
6b.5	Drainage Structure Sheet(s) (Per Structure)	EA	12	3	36	
6b.6	Miscellaneous Drainage Detail Sheets	Sheet	1	16	16	Details for exfiltration trench and control structures
6b.11	Erosion Control Plan Sheet(s)	Sheet	7	6	42	
Drainage Plans Technical Subtotal					124 ✓	

Project Activity 7: Utilities

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7.3	Prepare initial plans for utility coordination	LS	1	40	40	
7.10	Review Utility Markups	LS	1	20	20	
7.11	Utility Coordination/Followup	LS	1	8	8	
7.13	Establish a utility dgn file	LS	1	16	16	
7.16	Prepare utility conflict matrix	LS	1	16	16	
7.17	Utility Coordination meetings and meeting minutes	EA	3	6	18	
7.18	Utility Verification sheet	EA	1	2	2	
7. Utilities Total					120 ✓	

Project Activity 8: Environmental Permits, Compliance and Clearances

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
	Environmental Permits, Compliances and Clearances					
8.1	Pre Application meetings sfwmd/lwdd including meeting preparation	EA	2	4	8	
8.2	Complete and Submit Required LWDD permit	LS	1	40	40	
8.3	Agency Coordination	EA	2	8	16	
8.7	Complete and Submit Required SFWMD ERP permit	LS	1	50	50	
Environmental Permits, Compliance, and Clearances Technical Subtotal					114 ✓	

Project Activity 19: Signing and Pavement Marking Analysis

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
19.1	Traffic Data Analysis	LS	0	0	0	
19.2	Plan sheets	LS	0	0	0	
19.3	Reference and Master Design File	LS	0	0	0	
19.4	Multi-Post Sign Support Calculations	EA	0	0	0	this is for "Next Signal sign" not needed
19.5	Sign Panel Design Analysis	EA	0	0	0	
19.6	Sign Lighting/Electrical Calculations	EA	0	0	0	
19.7	Quantities	LS	1	12	12	
19.8	Cost Estimate	LS	2	7	14	
19.9	Technical Special Provisions	LS	0	0	0	
19.10	Other Signing and Pavement Marking	LS	0	0	0	
Signing and Pavement Marking Analysis Technical Subtotal					26	✓

Project Activity 20: Signing and Pavement Marking Plans

Task No.	Task	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
20.1	Key Sheet	Sheet	1	4	1	4	
20.3	Tabulation of Quantities	Sheet	1	8	1	8	
20.4	General Notes/Pay Item Notes	Sheet	1	4	1	4	
20.5	Plan Sheets	Sheet	4	20	4	80	
20.6							
Signing and Pavement Marking Plans Technical Subtotal					7	96	✓

Basic Survey Services

Item No.	Work Task	Two-Man Field Crew	Senior Surveyor and Mapper	Surveyor and Mapper	Survey Technician
1	Review the title information provided by Palm Beach County. Obtain available plats and deeds from the Palm Beach County Property Appraiser's website to establish the existing right-of-way and compile the data to a base map. Consultant will advise the County of any apparent missing right-of-way documentation or of any apparent gaps or overlaps in the right-of-way per the documents provided.	0	8	8	0
2	Prepare a drawing showing the linework, width, and recording information of the right-of-way and easement documents provided and submit the drawing to the county for review and confirmation of the existing right-of-way.	0	0	2	8
3	Collect horizontal control data using the global positioning system from published monumentation, and establish control points every 600'± tied to Florida East Zone State Plane Coordinates (NAD 83, 1990 adjustment).	8	0	2	6
4	Collect published vertical benchmarks, perform a closed level loop, and establish benchmarks outside the limits of construction (NAVD 1988 datum) every 600'±.	8	0	2	5
5	Locate subdivision corners, section corners, and other existing control monuments that will assist in the determination of the location of the right-of-way lines and platted centerlines. Identify the existing control recovered and provide ties to the project baseline.	8	0	2	4
6	Locate visible above ground features with elevations (including walks, utilities, signage, striping, etc.) along the project area and 25' outside the right-of-ways AS PRACTICE AS POSSIBLE	56	0	1	2
7	Cross-section the project area at 100' intervals, within the right-of-ways.	24	0	2	2
8	Obtain drainage structure Rim/Grate information. Inverts, pipe sizes/types and culvert crossings will be obtained.	8	0	0	2
9	Locate trees 4" DBH and greater, indicating size and type, extending 25' outside the right-of-ways, for the west side of Palmetto Road only	2	0	1	1
10	Prepare a DTM (digital terrain model) of the project limits.	0	10	2	6
11	Establish baselines along Powerline Rd and Palmetto Park Road. Determine historical baselines from available PBCO documents and tie to new baseline if different. Set baseline horizontal control points at beginning, PC, PT, and end points. Set reference points to the baseline points (3 reference points each).	16	0	3	4
12	Obtain the location of 6 soil borings (effort is included under item 6 above)				
	TOTAL HOURS	130	18	25	40

Basic Survey Total

213

Topographic Survey

Item No.	Work Task	Senior Surveyor and Mapper	Surveyor and Mapper	Survey Technician	Comments
1	Prepare a Topographic Survey	4	8	52	1 cover sheet (2HRS)+key map(2HRS)+6 plans(48HRS)
2	Prepare Project Network Control Sheet (to include baseline data, PBCo control monuments, baseline monumentation, control points/benchmarks, notes, legend, etc.), and Reference Point Sheet to be included in plan set.	4	2	24	1 PNC +2 REF
		8	10	76	

Topographic Survey Total 94

Post Design Services

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.1.1	Roadway post design services	LS	1	40	40	shop drawings, answer RFI, attend pre const mtg, field meetings etc
3. Project Common and Project General Tasks Total					40 ✓	

(VII) Projects that are exclusively for agriculture or silviculture, and that involve a total project area of less than 10 acres AND less than 1 acre of works (i.e. dredging, filling, construction, or alternation) in, on or over wetlands and other surface waters.	\$859
(VIII) Projects that are exclusively for agriculture or silviculture, and that exceed any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(VII), above, but involves a total project area of less than 40 acres AND less than 3 acres of works in, on or over wetlands and other surface waters.	\$2,444
(IX) Projects that are exclusively for agriculture or silviculture, and that exceed any of the thresholds in sub-sub- subparagraph (3)(a)4.a.(VIII), above, but involve a total project area of less than 100 acres AND less than 10 acres of works in, on or over wetlands and other surface waters.	\$4,029
(X) Projects that are exclusively for agriculture or silviculture, and that exceed any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(IX), above, but involve a total project area of less than 640 acres AND less than 50 acres of works in, on or over wetlands and other surface waters.	\$5,284
(XI) Projects that are exclusively for agriculture or silviculture, and that exceed any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(X), above.	\$6,605
(XII) Individual or Conceptual Permits solely for environmental restoration or enhancement activities, provided such activities are not associated with a mitigation bank and are not being implemented as mitigation for other activities that require a permit under Chapter 373, Part IV, F.S. For the purposes of this provision, the term "environmental restoration or enhancement" means an action or actions designed and implemented solely to convert degraded or altered uplands, wetlands, or other surface waters to intact communities typical of those historically present, or to improve the quality and condition of currently degraded wetlands or other surface waters to the more healthy, functional, and sustaining condition for fish, wildlife, and listed species.	\$250
(XIII) Individual or Conceptual Permit solely to retrofit an existing stormwater management system or systems to add treatment to and reduce stormwater pollutant loadings from the system or systems.	\$250
(XIV) An Individual Permit for a phase of construction that is consistent with an existing Conceptual Approval Permit.	\$1,500
b. Major Modifications that exceed any of the thresholds in subsection 62-330.315(3), F.A.C.	
(I) Major Modification to an Individual or Conceptual Approval Permit that increase the project area.	60% of fee for new permit for the same activity
(II) All other Major Modification.	60% of fee for new permit for the same activity
c. Minor Modifications that do not exceed any of the thresholds in subsection 62-330.315(2), F.A.C.	
(I) Time Extensions of Permits, where not exempt from fees under Florida Statutes.	\$500
(II) Minor Modifications to correct minor errors that do not involve technical review, to transfer ownership of a permit, or to transfer a permit from the construction to the operation phase.	\$0
(III) All other Minor Modifications.	\$250
5. Individual or Conceptual Permits for a Mitigation Bank.	
a. New applications.	
(I) For a Mitigation Bank with a permit area less than 100 acres.	\$7,500
(II) For a Mitigation Bank with a permit area greater than 100 acres but less than 640 acres.	\$13,125
(III) For a Mitigation Bank with a permit area of 640 acres or more.	
b. Major Modifications involving changes to one or more of the following components: service area; credit assessment; success or release criteria; hydrologic structures or alterations; constructions or mitigation design that does not increase the project area; elimination of lands; or monitoring or management plans:	\$25,000
(I) Affecting one of the above components.	20% of the fee under 5.a.
(II) Affective to of the above components.	40% of the fee under 5.a.
(III) Affective three of the above components.	60% of the fee under 5.a.

**LAKE WORTH DRAINAGE DISTRICT
OPERATING POLICIES**

Chapter 2: Fees

2.4 GENERAL PERMIT FEES

Permit fees will be doubled if improvements are constructed or installed without a permit or backfilled without inspection.

Minor Permit Modification(s) \$300.00

Minor modifications and/or revisions made may be requested by the Applicant after the issuance of a Permit. Major modifications and/or revisions will be considered new permit applications and will be subject to the current fee schedule.

Permit Transfer \$300.00

Requests for permit transfer for change of property ownership or to transfer stormwater operation/management responsibilities must be submitted within 90 days of purchase of property by new owner or assumption of stormwater operation/management responsibilities to a new entity. A new application and applicable permit fees will be required beyond this timeframe.

Permit Extension \$300.00

Requests to extend a permit must be submitted prior to permit expiration; otherwise, permittee may be required to submit a new permit application subject to applicable permit fees.

Administrative Processing Fees

Permits requiring additional administrative work or legal review may be charged additional processing fees based upon the following rates:

Clerical	\$ 35.00/hour
Financial	\$ 55.00/hour
Legal Assistant	\$ 45.00/hour
Technical	\$ 65.00/hour
Attorney's Fees	\$225.00/hour

August 31, 2023

HSQ GROUP, LLC
1001 Yamato Road, Suite 105
Boca Raton, Florida 33431

Attention: Mr. Nour Shehadeh, P.E.

Re: Scope of Services for Geotechnical Engineering Services
Palmetto Park Road and Powerline Road Intersection Improvements
Palm Beach County, Florida
PACIFICA Proposal No.: 610-12014920

Dear Nour:

In accordance with email provided by **HSQ GROUP, 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 a scope of services, cost estimates, and anticipated schedules.

It is understood that plans for this project consist of widening the existing roadway near the intersection of Palmetto Park Road and Powerline Road.

GEOTECHNICAL SCOPE OF SERVICES

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

Basic Services

- Perform four (4) Auger borings to a depth of 5 to 10 feet as shown in the location plan.
- Perform two (2) Percolation Tests to a depth of 10 feet.

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.

3. Results of the percolation tests including hydraulic conductivity value "k".
4. The existence of organic soils or any other soil conditions.
5. Groundwater readings during the time of the field exploration.
6. On-Site Soil Suitability

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 to two weeks 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 5 weeks from your notice to proceed.

COST BREAKDOWN

11-Sep-23

<u>DESCRIPTION</u>	<u>UNIT</u>	<u># OF UNITS</u>	<u>UNIT RATE</u>	<u>TOTAL</u>
<u>I. FIELD EXPLORATIONS</u>				
Mobilization of Drill Equipment (50-mile travel)	each	2.0	\$420.00	\$840.00
Engineering Technician (Site Reconnaissance, Boring Layout and Underground Utility Clearance) (Raw Rate: \$31*3)	hour	5.0	\$93.00	\$465.00
Auger Borings	feet	40.0	\$12.00	\$480.00
Percolation Test per SFWMD	each	2.0	\$390.00	\$780.00
<u>II. SOIL & AGGREGATE TESTING</u>				
Organic Content Test	each	3.0	\$55.00	\$165.00
Natural Sample Moisture Content	each	3.0	\$20.00	\$60.00
Grain size determination: Full grain size (8 sieves)	each	3.0	\$78.00	\$234.00
Grain size determination: Wash through (#200)	each	3.0	\$60.00	\$180.00
DOT Corrosivity - (pH, sulfate, chlorides & conductivity)	each	1.0	\$205.00	\$205.00
Visual Examination by Engineer, P.E. (Raw Rate:49.05*3)	hour	2.0	\$147.15	\$294.30
<u>III. ENGINEERING SERVICES (MULTIPLIER: 3)</u>				
Principal Engineer, P.E. (Raw Rate: \$84.10*3)	hour	2.0	\$252.30	\$504.60
Senior Engineer (Raw Rate: \$69.3*3)	hour	6.0	\$207.90	\$1,247.40
Engineer, P.E. (Raw Rate:49.05*3)	hour	16.0	\$147.15	\$2,354.40
Drafter / CADD (Raw Rate: \$31.35*3)	hour	8.0	\$94.05	\$752.40
ESTIMATED GEOTECHNICAL BASIC FEE FOR THE PROJECT				\$8,562.10



OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Palmetto Park Road and Powerline Road Intersection Improvements
 SOLICITATION OPENING/SUBMITTAL DATE: 7/26/2022

SOLICITATION/PROJECT/BID NO.: 2021104
 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: HSQ Group, LLC ADDRESS: 1001 Yamato Rd., Ste. 105, Boca Raton, FL 33431
 CONTACT PERSON: Nour Shehadeh PHONE NO.: 561-392-0221 E-MAIL: nour@hsqgroup.net

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$238,206.99
 *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. <u>Pacifica Engineering Services, LLC</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>\$8,562.10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

(Please use additional sheets if necessary)
 Total \$8,562.10

Total Bid/Offer Price \$ 246,769.09 Total Certified S/M/WBE Participation \$ 246,769.09

I hereby certify that the above information is accurate to the best of my knowledge: Nour Shehadeh Managing Member
 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: 2021104

SOLICITATION/PROJECT NAME: Palmetto Park Road and Powerline Road Intersection Improvements

Prime Contractor: HSQ Group, LLC Subcontractor: N/A

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 3/13/21-3/12/24

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

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

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. 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	Basic Roadway Services	1	1	0	\$188,474.27
2	Basic Surveying Services	1	1	0	\$39,863.52
3	Reimbursable Permit Fees	1	1	0	\$550.00
4	Optional Post Design Services	1	1	0	\$6,919.20
5	Optional Sketch and Legal Descriptions	1	1	0	\$2,400.00

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: \$238,206.99

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.

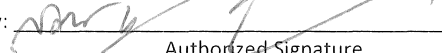
N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: _____

HSQ Group, LLC

Print Name of Prime

By:  _____
Authorized Signature

Nour Shehadeh

Print Name

Managing Member

Title

Date: September 20, 2023

N/A

Print Name of Subcontractor/subconsultant

By: _____
Authorized Signature

Print Name

Title

Date: _____

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: 2021104
SOLICITATION/PROJECT NAME: Palmetto Park Road and Powerline Road Intersection Improvements

Prime Contractor: HSQ Group, LLC 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): 10/25/21-10/24/24

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	Geotechnical Services Services	1	1	0	\$8,562.10

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$8,562.10

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

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

Price or Percentage: _____

HSQ Group, LLC

Print Name of Prime

By: [Signature]
Authorized Signature

Nour Shehadeh

Print Name

Managing Member

Title

Date: September 20, 2023

Pacifica Engineering Services, LLC

Print Name of Subcontractor/subconsultant

By: [Signature]
Authorized Signature

Wesley Foster

Print Name

President

Title

Date: September 20, 2023



**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
DX00002027	HSQ Group, LLC		Compliant					2022058	Intersection Improvements Annual Design Services
		A+g , XV	American Guarantee and Liability Insurance Company	SXS445976200	11/1/2023	11/1/2024	Excess Liability		
		A+g , XV	Zurich American Insurance Company	GLO429303600	11/1/2023	11/1/2024	General Liability		
		NR ,	Lloyd's Syndicate 2987 (Brit Syndicates Limited)	FEIAEP65514	7/1/2023	7/1/2024	Professional Liability		
		Ar , XV	Illinois National Insurance Co.	Binder Received-Policy number required	7/1/2023	7/1/2024	Workers Comp		

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