

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2020	2021	2022	2023	2024
Capital Expenditures	<u>\$198,831</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>-0-</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>\$198,831</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE					
POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No
 Does this item include the use of federal funds? Yes No X

Budget Account No:

Fund 3505 Dept 361 Unit 1875 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Zone 5 Fund
 S.W. 18th St./Boca Rio Rd Intersection Imp.

Basic Services	\$127,387.83
Reimbursable Services	\$ 8,340.00
Optional Services	\$ 29,957.22
Total New Task Authorization	\$165,685.05
Staff Charges	
Roadway Engineering	\$ 16,570.00
Right of Way	\$ 4,145.00
Survey	\$ 4,145.00
Traffic	\$ 8,285.00
Fiscal Impact	\$198,830.05

C. Departmental Fiscal Review: Alice Kovalainen

III. REVIEW COMMENTS

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

[Signature] 9/25/19
 8/9/25 OFMB 10/9/24

[Signature]
 Contract Dev. and Control
 10/7/19
 10/31/19

B. Approved as to Form and Legal Sufficiency:

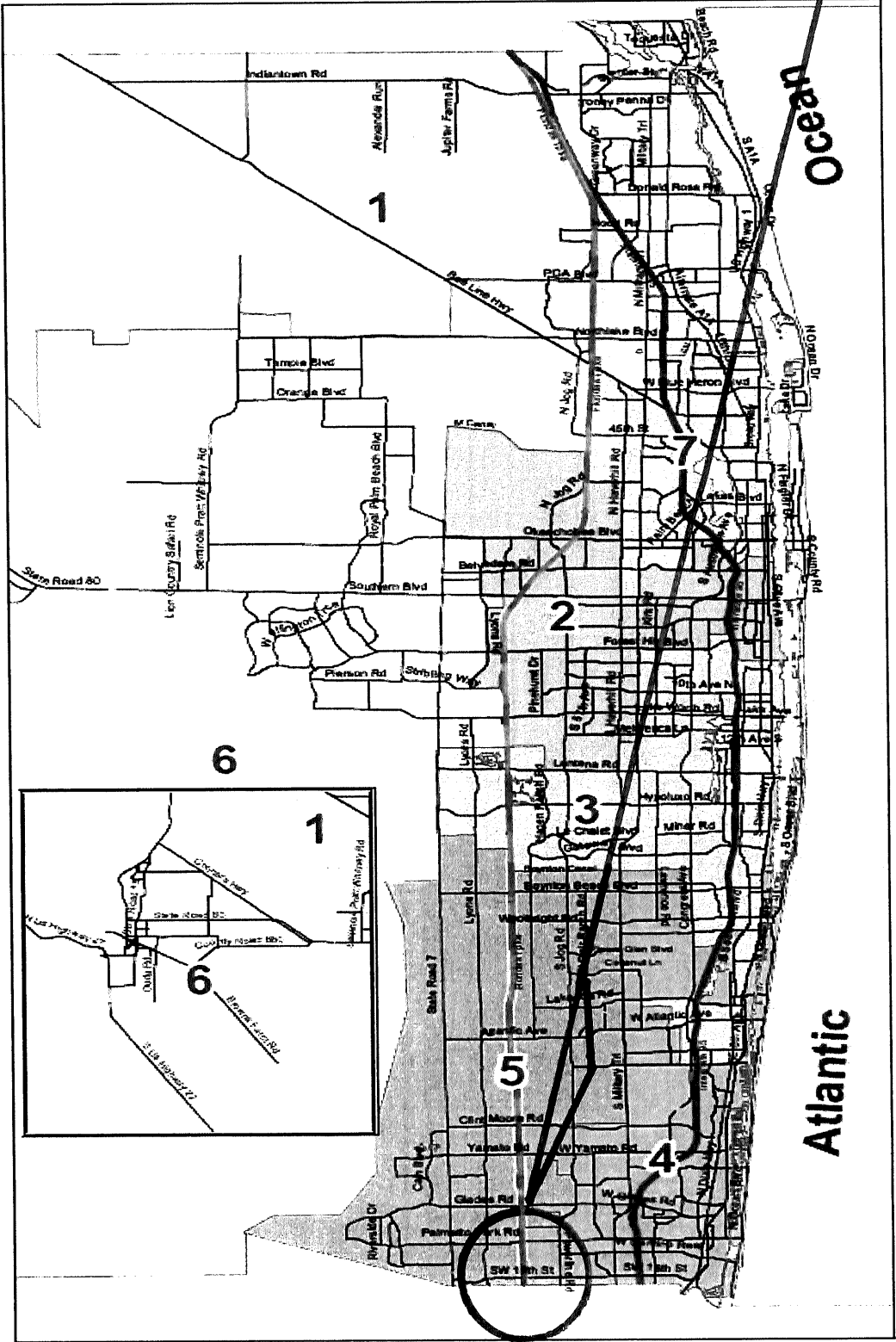
[Signature] 10/4/19
 Assistant County Attorney

C. Other Department Review:

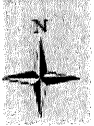
 Department Director

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

S.W. 18th Street and Boca Rio Road
Intersection Improvements
Palm Beach County Project No. 2018105



LOCATION MAP



Attachment 2

**WORK TASK ORDER TO ANNUAL CONTRACT BETWEEN
PALM BEACH COUNTY AND
HSQ GROUP, INC.
FOR PROFESSIONAL ENGINEERING SERVICES ON
S.W. 18TH STREET AND BOCA RIO ROAD
INTERSECTION IMPROVEMENTS
PROJECT NO.: 2018105
PALM BEACH COUNTY, FLORIDA**

This Work Task Order to the Contract for Intersection Improvements Annual Services (PROJECT) (R2017-0779), dated June 20, 2017 (ANNUAL CONTRACT), is made and entered into the _____ day of _____, 2019, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (COUNTY) and HSQ Group, Inc. (CONSULTANT) (individually Party and collectively Parties).

WITNESSETH

WHEREAS, the COUNTY and CONSULTANT entered into the ANNUAL CONTRACT on a work task order basis on June 20, 2017 (R2017-0779); and

WHEREAS, the COUNTY intends to construct intersection improvements for the **S.W. 18th Street and Boca Rio Road Intersection Improvements project**, Project No. **2018105**, hereinafter referred to as the PROJECT.

WHEREAS, the COUNTY desires the CONSULTANT to perform services for the PROJECT; and

WHEREAS, the CONSULTANT agrees to prepare the design plans and construction bid documents, including related documents required for the PROJECT; and

WHEREAS, the following fee has been negotiated and found to be reasonable compensation for these professional services to be performed by the CONSULTANT:

Basic Services in a lump sum fee of \$127,387.83
Reimbursable Expenses capped at \$8,340.00
Optional Services capped at \$29,957.22
Totaling **\$165,685.05**

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That for and in consideration of the mutual benefits to flow from each to the other, the parties hereto agree as follows:

The above recitals are true and correct and are incorporated herein.

The following Exhibits are attached to and made a part of this Work Task Order.

Exhibit A - Scope of Work including Work Schedule

Exhibit B - Fee Schedule

Exhibit C – EBO Schedules 1 and 2

The COUNTY agrees to pay the CONSULTANT a fee of One Hundred Sixty-Five Thousand Six Hundred Eighty-Five Dollars and Five Cents (\$165,685.05).

Except as hereby amended, changed or modified, all other terms, conditions and obligations of the ANNUAL CONTRACT as amended on May 1, 2018 (R2018-0635), April 2, 2019 (R2019-0412), and June 4, 2019 (R2019-0712) shall remain in full force and effect.

REMAINDER OF PAGE LEFT BLANK INTENTIONALLY

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida has made and executed this Work Task Order for **S.W. 18th Street and Boca Rio Road Intersection Improvements** Project Number **2018105** on behalf of the COUNTY and CONSULTANT has hereunto set its hand the day and year above written.

OWNER:

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

BY: _____
Mack Bernard, Mayor


S E A L

ATTEST:

Sharon R. Bock, Clerk & Comptroller
Circuit Court

BY: _____
(Deputy Clerk)

APPROVED AS TO TERMS AND CONDITIONS:


BY:  _____
Omelio A. Fernandez, P.E.,
Director of Roadway Production

APPROVED AS TO FORM & LEGAL SUFFICIENCY:

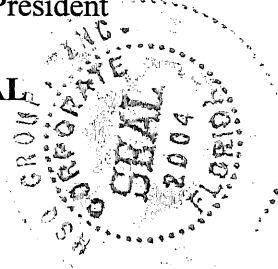
BY: _____
Yelizaveta B. Herman,
Assistant County Attorney

CONSULTANT:

HSQ Group, Inc.

BY:  _____
Jay Huebner, P.E., Vice President

CORPORATE SEAL



ATTEST WITNESS:

BY: BethAnn Shay
(Print Name)

 _____
(Signature)

BY: Donna C. West
(Print Name)

 _____
(Signature)



HSQ GROUP, INC.

Engineers • Planners • Surveyors

1001 Yamato Road, Suite 105 • Boca Raton, Florida 33431 • Phone (561) 392-0221 hsqgroupinc.com

6/20/2019

SCOPE OF SERVICES

*MK.
6/26/19*

**SW 18TH Street and Boca Rio Road
Palm Beach County Project No. 2018105**

PROJECT LIMITS

HSQ Group, Inc., will provide engineering and surveying services required in connection with the proposed improvements. The limits of the project will be as shown under the survey scope of services.

PROJECT DESCRIPTION

Services shall include preparation of complete roadway construction plans. Also, services will include signal design, drainage, curb and gutter, sidewalk, and signing and pavement marking.

The scope consists of the following improvements:

- 1- Add a second southbound left turn from Boca Rio Rd to eastbound SW 18TH Street. The total length of the dual left turn lanes will be 450'+50' taper.
- 2- Widening will take place at the west side of Boca Rio Road.
- 3- The typical section of Boca Rio Road starting from the east edge of pavement is; 4' bike lane +11' NB lane + 20' dual SB left + 5' bike lane + 10' SB right.
- 4- Signal modification / replacement as discussed under the signal scope of services.

Plans will be prepared in accordance with the following standards:

- Palm Beach County, Thoroughfare Roadway Design Procedures (February 2006), and T-P-17
- FDOT Design Standard dated 2017-2018
- AASHTO "Geometrics Design of Highway and Streets", dated 2011
- Florida Greenbook, May 2016.
- FDOT Drainage Manual 2018

BASIC SERVICES

1 Plans Preparation.

Roadway plans with aerial background will be prepared in accordance with the approved Typical Section, and the approved master plan.

Construction plans will be prepared on 11" x 17" at 1"=40' scale for the horizontal and 1"=4' for the vertical. Separate plan and profile sheets will be prepared.

The following plan sheets are anticipated:

- 1- Cover Sheet
- 2- General notes
- 3- Typical sections
- 4- Miscellaneous details
- 5- Summary of pay item
- 6- Reference points.
- 7- Project Network Control sheets
- 8- Roadway Plans
- 9- Roadway Profiles.
- 10- Drainage Structures
- 11- Cross sections



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Plan submittals will be at (master plan, 35%, 65%, 96%, 100% and final). Plan submittal shall also be made in hard copies and electronically.

2 **Permitting**

HSQ will prepare and process needed documents for permitting from the following agencies:

- LWDD- drainage permit
- FDOT- signal (new mast arms if needed maybe placed within the Florida's Turnpike right of way)

3 **Utilities coordination**

HSQ Group, Inc. will assist Palm Beach County in the utility coordination effort as follows:

- 1- Attend four utility coordination meetings, prepare meeting minutes and follow up on action items.
- 2- Plot utility information on plans for inclusion in the construction plan package.
- 3- Prepare utility conflict matrix and coordinate with utility owners.

4 **Drainage Design**

The drainage design will be to add and/or modify existing drainage inlets and or pipes, and evaluation of the impact of the additional impervious areas on the existing interconnected underground pipes and prepare needed construction plans.

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

5 **Gravity wall.**

The existing gravity wall located at the west side of Boca Rio Road, approximately 200' north of SW 18TH Street, will be evaluated due to the widening. Design and details will be provided for the gravity wall as needed. Should a retaining wall be required, then structural design will be required and will be as an optional services.

5 **Pavement Marking and Signing Plans**

Pavement marking and Signing Plans will be prepared to conform to the proposed roadway improvements in accordance with Palm Beach County Standards. These plans will be prepared as a separate set of documents as follows:

- 1- Cover sheet.
- 2- General notes
- 3- Summary of quantity sheets
- 4- Plan sheets

6 **Survey.**

See attached scope of surveying services

7 **Signal Design**

See attached scope of signal design



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Optional Services

- 1- Post design Services. HSQ will provide post design services as needed during the construction phase.
- 2- Retaining wall design if warranted after evaluation
- 3- Subsurface Utility Exploration (SUE)

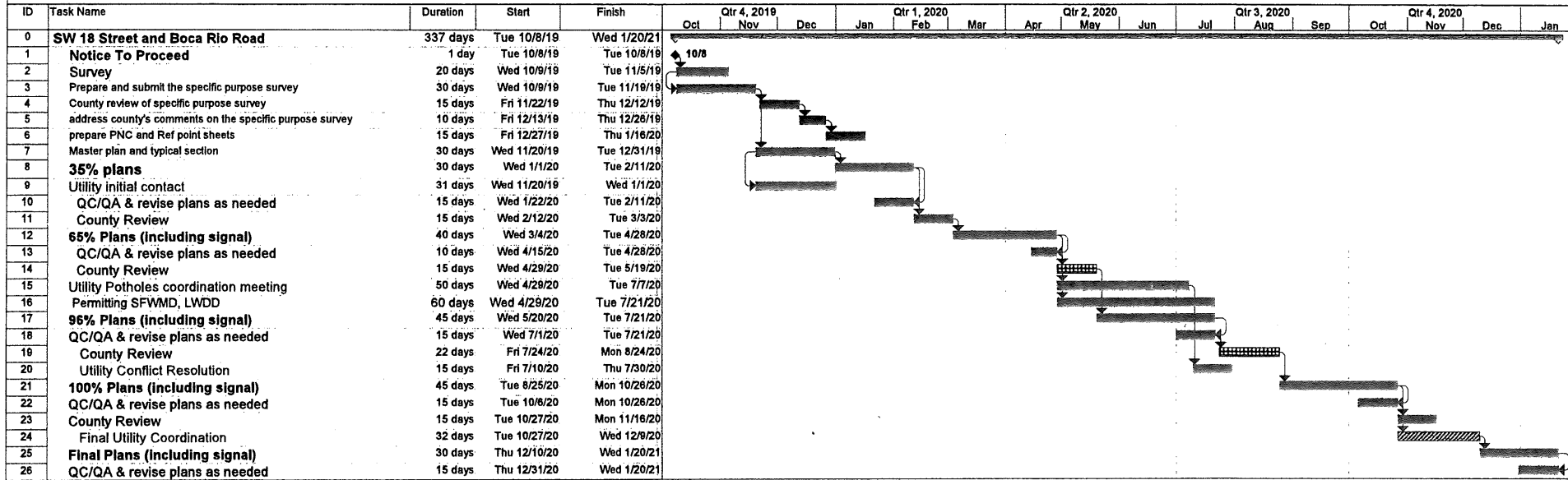
Reimbursable Services

1 **Geotechnical services**

The geotechnical services will be conducted by Tierra South Florida.

SW 18TH Street and Boca Rio Road

Proj # 2018105



Project: SW 18 Street and Boca Rio R Date: Wed 8/21/19	Task		Project Summary		Inactive Task		Duration-only		Finish-only	
	Split		External Tasks		Inactive Milestone		Manual Summary Rollup		Progress	
	Milestone		External Milestone		Inactive Summary		Manual Summary		Deadline	
	Summary		Inactive Task		Manual Task		Start-only			

HSQ Group, Inc.
Engineers Planners Surveyors

Wed 8/21/19

Exhibit A - Page 4 of 4



HSQ GROUP, INC.
Engineers • Planners • Surveyors

SW 18TH Street and Boca Rio Road Intersection
Summary of fee proposal

ACTIVITY	SENIOR ENGINEER		PROJECT MANAGER		ENGINEER INTERN		Total	Total
	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HRS. ACTIVITY	COST BY ACTIVITY
1 - MASTER PLAN / GEOMETRY	15.30	\$ 58.35	61.20	\$ 51.50	25.50	\$ 32.18	102.00	\$ 4,865.14
2 - ROADWAY ANALYSIS/ GENERAL TASKS	12.00	\$ 58.35	24.00	\$ 51.50	84.00	\$ 32.18	120.00	\$ 4,639.32
3 - DRAINAGE ANALYSIS	12.30	\$ 58.35	49.20	\$ 51.50	20.50	\$ 32.18	82.00	\$ 3,911.20
4 - ROADWAY PLANS	0.00	\$ 58.35	31.00	\$ 51.50	124.00	\$ 32.18	155.00	\$ 5,586.82
5 - DRAINAGE PLANS	3.80	\$ 58.35	15.20	\$ 51.50	19.00	\$ 32.18	38.00	\$ 1,615.95
6 - UTILITIES COORDINATION	0.00	\$ 58.35	33.50	\$ 51.50	33.50	\$ 32.18	67.00	\$ 2,803.28
7 - PERMITTING	0.00	\$ 58.35	56.00	\$ 51.50	24.00	\$ 32.18	80.00	\$ 3,656.32
8 - SIGNING & PAVEMENT MARKING	0.00	\$ 58.35	10.00	\$ 51.50	40.00	\$ 32.18	50.00	\$ 1,802.20
TOTAL Basic Services	43.40	2532.39	280.10	14425.15	370.50	11922.69	694.00	28,880.23
9 - OPTIONAL SERVICES	2.00	\$ 58.35	12.00	\$ 51.50	6.00	\$ 32.18	20.00	\$ 927.78

\$116.70 \$619.00 \$193.08

HSQ FEE CALCULATIONS

Type of services	Cost by activity	Multiplier	Profit	Total
Basic ROADWAY services (HSQ)	\$ 28,880.23	2.749		\$79,391.75
Optional ROADWAY services (HSQ)	\$ 927.78	2.749		\$2,550.47
Basic SURVEY services (HSQ)				\$19,562.98
Reimbursables Reproduction and permit fees (HSQ)				\$890.00

(SUB-CONSULTANTS)

Type of Services	Sub-Consultants			
	Tierra South	WGI	Stanley	Sub total
Basic Services			\$28,433.10	\$ 28,433.10
Optional Services	\$ 2,975.00	\$ 3,800.00	\$20,631.75	\$ 27,406.75
REIMBURSABLES (Geotechnical services)	\$ 7,450.00	\$ -		\$ 7,450.00

PROJECT TOTAL FEES SUMMARY

Total Basic Services	\$127,387.83	HSQ +Stanley
Total Optional Services	\$29,957.22	HSQ +Stanley+WGI
REIMBURSABLES	\$8,340.00	HSQ +Tierra South
GRAND TOTAL	\$165,685.05	HSQ plus all Subs

SW 18TH Street and Boca Rio Road Intersection

1 - MASTER PLAN / GEOMETRY

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1.1 Typical section	EA	1	6	1	6	
1.2 Prepare road layout / submit master plan	LS	1	80	1	80	includes: road layout with pavement marking + sight dist evaluation at the intersection+ CD design
1.3 Meeting with the county	EA	1	4	0	4	including meeting minutes
1.4 evaluate the need for retaining wall vs. gravity wall	LS	1	12	0	12	for the master plan level. If structural design is needed, then Stanley Consult. Will do the design
TOTAL				2	102	

2 - ROADWAY ANALYSIS/ GENERAL TASKS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
2.1 Establish existing PGL	LS	1	12		12	Exist PGL will be established from Geopack and manually revised to match highs / lows
2.2 Progress review meeting with the county	EA	3	4		12	35%+65%+100%
2.3 Establish proposed EOP profile	LS	1	40		40	widening area can have a cross slope varying from 1.5% to 3% to establish the min. longitudinal EOP profile.
2.4 Design report and design documentations	LS	1	16		16	
2.5 Quantity computation book	LS	1	24		24	to be prepared at 96% and revised at final plans ONLY
2.6 Construction cost estimates	EA	2	5		10	96% and Final
2.7 Field reviews	EA	2	3		6	for the purpose of constructability reviews. 2 people
TOTAL					120	

3 - DRAINAGE ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
3.1 Design of storm sewer PIPE SIZING	EA	10	3		✓ 30	5 existing + 5 proposed (1 at SB just before SW 18 + 4 new additional inlets / MH)
3.2 Review existing permits for drainage commitments	EA	1	6		✓ 6	obtain existing ERP FOR drainage obligations
3.3 Design of exfiltration system	EA	1	8		✓ 8	
3.4 Design of control structures	EA	1	4		✓ 4	
3.5 Pavement spread analyses	EA	10	1		✓ 10	
3.6 Drainage design report	LS	1	24		✓ 24	
TOTAL					✓ 82	

4 - ROADWAY PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Key sheet	Sheet	1	4	1	✓ 4	
2 General notes	Sheet	1	6	1	✓ 6	
3 Typical sections	sheet	1	8	1	✓ 8	
4 Misc details	Sheet	1	12	1	✓ 12	
5 Summary of quantities	Sheet	1	15	1	✓ 15	
6 Ref points/ PNC sheets	Sheet	1	6	2	✓ 6	
7 Road plans	Sheet	2	18	2	✓ 36	
8 Road profiles	Sheet	2	18	2	✓ 36	
9 driveway profile	Sheet	0	0	1	0	
10 Roadway cross sections	EA	10	3	4	✓ 30	
11 soil data sheet	EA	1	2	1	✓ 2	
12 Plateau intersection	EA	0	0		0	
TOTAL				✓ 17	✓ 155	

5 - DRAINAGE PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Drainage control str	Sheet	1	8	1	8	
2. Drainage Structures	EA	10	3	5	30	
TOTAL					38	

6 - UTILITIES COORDINATION

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Initial Utility Contact	LS	1	2		2	
2. Follow up with county / provide CADD and PDF files to utilities as needed	LS	1	4		4	
3. Submit plans all phases	EA	4	2		8	
4. Review of Exist. Records	LS	1	8		8	
5. Resolution of utilities conflicts	LS	1	20		20	
6. coordination of potholes, meetings	EA	4	1		4	
7. utility adjustment sheets	EA	1	12	2	12	
8. Utility Coordination meetings	EA	3	3		9	3 meeting with minutes
TOTAL					67	

7 - PERMITTING

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	REMARKS
1. Agency coord/ Pre-application meeting	EA	2	5		10	LWDD, FDOT
2. Prepare and process/MODIFY ERP - LWDD	EA	1	30		30	
3. FDOT, (general permit)	LS	1	40		40	
TOTAL					80	



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Boca Raton, Florida 33431
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June 20, 2019

SW 18TH STREET & BOCA RIO ROAD

Land Survey Scope of Services

PROJECT LIMITS

Boca Rio Road: width to be from west r/w line to east edge of east walk, length to be from south r/w line of SW 18th Street to 900' north of centerline of Boca Rio Road (900 l.f.)

SW 18th Street: full r/w width from 300' west of Boca Rio Road to the canal edge of water (390 l.f.)

Total length of survey approximately 1,290 l.f.

See attached sketch of survey limits. (Sketch does not include areas of cross-section shots outside of r/w.)

SCOPE OF SERVICES

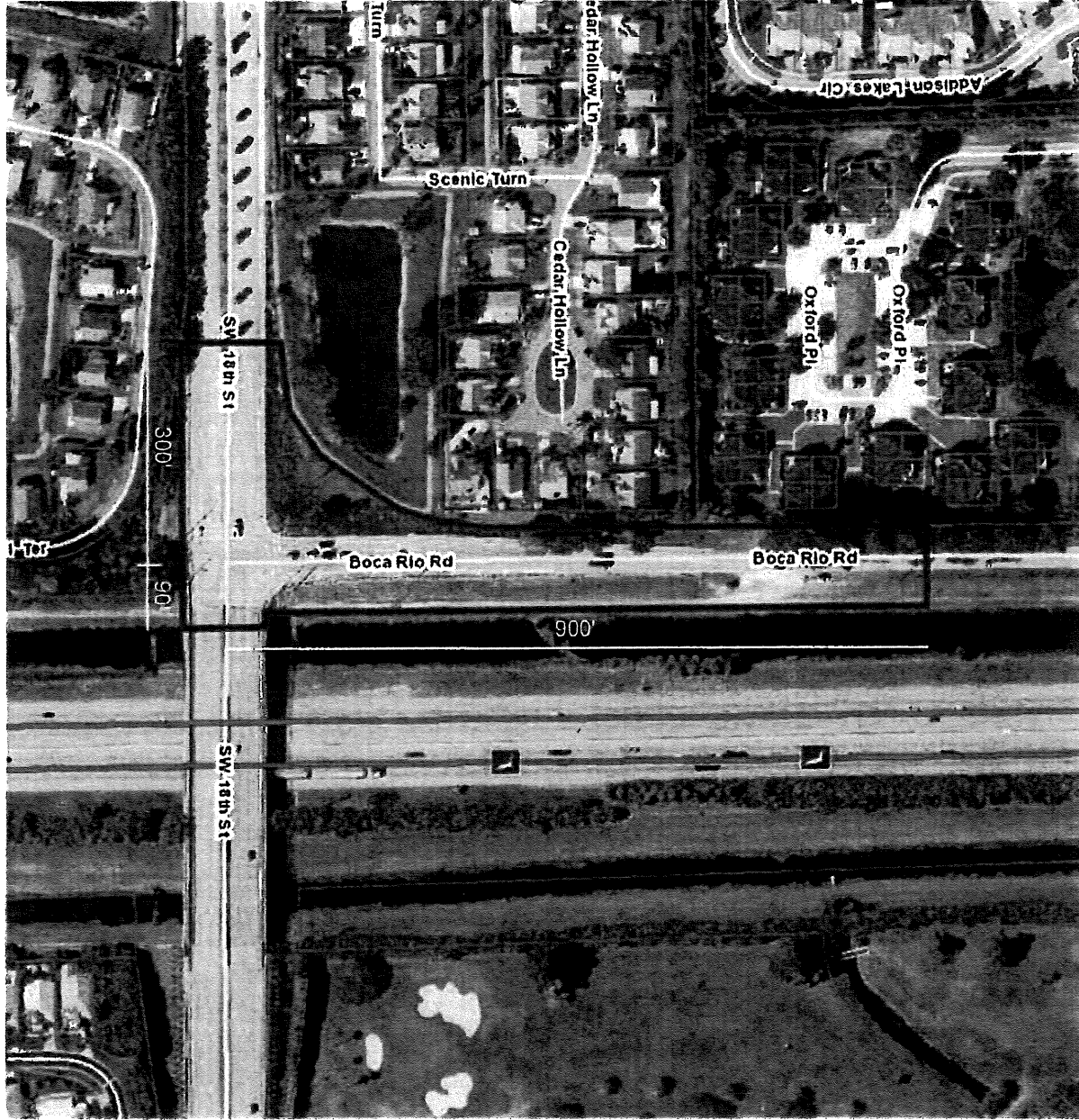
The Specific Purpose/Topographic Survey will be done in accordance with the current State of Florida Standards of Practice and the applicable portions of the Palm Beach County Thoroughfare Road Design Procedures (Feb. 2006) except as otherwise designated herein (i.e.: NAVD88 vertical datum).

1. Review a title search provided by Palm Beach County. Research and obtain plats and deeds from the Palm Beach County Property Appraiser's website to establish the existing right-of-way, and compile the data into 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-ways.
3. Collect horizontal global positioning control monumentation and set control points every 600'± tied to Florida East Zone State Plane Coordinates (NAD 83, 1990 adjustment).
4. Collect published vertical benchmarks, run a closed level loop, and set 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 above ground features (including walks, utilities, signage, striping, etc.) within the right-of-ways with elevations. Trees will be located up to 25' outside the right of way.
7. Cross-section the right-of-ways at 100' intervals extending 25'± outside the right of way to the west (including the retaining wall).
8. Locate the existing traffic signal poles and heads.
9. Locate trees within the right-of-way having a DBH of 4" or greater with size and type.
10. Obtain inverts and bottom of drainage structures within the right of way with pipe sizes and materials. Locate any drainage outfall and/or connection culverts.
11. Prepare a DTM (digital terrain model) of the site.
12. Establish a baseline along Boca Rio Road. Set baseline horizontal control points at begin, PC, PT, and end points. Set reference points to the baseline points (3 reference points each).
13. The historical baseline/centerline control will be located and physically tied to the existing project control.
14. Prepare a Specific Purpose Survey consisting of:
 - labeled right-of-ways, easements, and adjacent parcels,
 - the existing features mentioned above with spot elevations,
 - on 11"x17" sheets at a scale of 1"=40',
 - PBCO published section corners and/or control monuments tied to baseline begin and end,
 - the found subdivision corners and/or other existing control monuments identified and tied to the baseline,
 - the control points (horizontal and vertical) set every 600'± outside of the baseline,
 - the drainage structure rim and invert data and apparent connections,

- the monumentation set at the baseline points and the references to same,
 - map of survey to be included in the plan set and signed and sealed by the surveyor.
15. 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.
 16. Create deliverable Microstation files and points file.

SURVEY DELIVERABLES

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





SW 18TH ST. & BOCA RIO RD.
Summary - Surveying fee proposal

Description	Two-Man Field Crew		Senior Surveyor and Mapper		Surveyor and Mapper		Survey Technician		Total	Total
	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF-HRS ACTIVITY	COST BY ACTIVITY
Surveying Services	✓ 62.00	\$ ✓ 52.50	✓ 6.00	✓ 58.35	✓ 22	✓ 47.35	✓ 84	✓ 29.4	✓ 174	✓ 7116.4
		\$ 3,255.00		\$ 350.10		\$ 1,041.70		\$ 2,469.60		

HSQ FEE CALCULATIONS

Type of services	Cost by activity	Multiplier	Total
Surveying Services	\$ ✓ 7,116.40	✓ 2.749	\$ ✓ 19,562.98
Optional Services	\$ -	2.749	\$ -
TOTAL			\$ ✓ 19,562.98

SW 18TH ST. & BOCA RIO RD.

Land Surveying Services



HSQ GROUP, INC.

Engineers • Planners • Surveyors

Item No.	Work Task	Estimated Work Hours				Notes
		Two-Man Field Crew	Senior Surveyor and Mapper	Surveyor and Mapper	Survey Technician	
1	Review title search and property appraiser data, create base map of right-of-ways and adjoining parcels.			4	8	
2	Prepare drawing of right-of-way and easement documents provided, submit to county for review.		2	2	8	
3	Collect GPS control data & set control points.	8		1	2	
4	Collect benchmarks, run level loop, set project benchmarks.	6		1	1	
5	Locate subdivision, section, and existing corners.	8		2	2	
6	Locate above ground features with elevations	12		1	12	
7	Cross section r/w's @ 100' plus detail area @ 50'	12		1	12	
8	Locate traffic signal poles & heads	2		1	1	
9	Locate trees within the right-of-ways	2		1	2	
10	Detail existing drainage within right-of-ways.	6		2	6	(approximately 8 structures)
11	Prepare specific purpose survey.		2	2	8	
12	Prepare DTM.			1	8	
13	Create, monument, & reference baseline	6		1	2	
14	Prepare PNC & Reference Point sheets.		1	1	8	
15	Create deliverable Microstation files.		1	1	4	
TOTAL HOURS		62	6	22	84	

Exhibit B - Page 10 of 33



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Engineers • Planners • Surveyors

SW 18TH Street and Boca Rio Road Intersection
Summary of Reimbursable Charges
County Project Number 2018105

Reproduction and printing

Item	Description	Quantity	Unit	Unit price	Total	Notes
11" x 17" papers	Misc. copies	1000	page	\$ 0.25	\$ ✓ 250.00	During the life of the project
Overnight Deliver	Fedex	1	LS	\$ 200.00	\$ ✓ 200.00	During the life of the project, to county and subs
CD's	Each	4	Each	\$ 10.00	\$ ✓ 40.00	
Subtotal					\$ ✓ 490.00	

Permitting

Agency	Amount	Notes
SFWMD	\$ ✓ 100.00	
LWDD		
LWDD DRAINAGE	\$ ✓ 300.00	ERP
PBC ERM	\$ -	
SFWMD DEWATERING	\$ -	
FDEP NOI	\$ -	
WETLAND DELINEATION AND AGENCY REVIEW WITH USACE	\$ -	
ERP MOD WITH SFWMD	\$ -	
DREDGE AND FILL PERMIT WITH USACE	\$ -	
subtotal	\$ ✓ 400.00	
	\$ ✓ 890.00	

Chapter 40E-1

Environmental Resource Permits

Effective: Aug 7, 2016

Greater than 300 mgm.	\$3,200
Noticed General Water Use Permit.	
Applications filed electronically at www.afwmd.gov/ePermitting .	\$100
Application filed by other means.	\$350
Aquifer Storage and Recovery: cost added to the applicable use type listed above.	\$1,000
Permit Transfer to Another Entity Pursuant to Rules 40E-0.107 and 40E-2.351, F.A.C.	\$300
Letter Modification.	no fee
General Permit by Rule.	no fee

(2) Water Well Construction Permit Application processing fees are in the following table:

TABLE 40E-1.607(2)
 PERMIT APPLICATION PROCESSING FEES FOR
 WATER WELL CONSTRUCTION PERMIT APPLICATIONS
 REVIEWED PURSUANT TO CHAPTER 40E-3, F.A.C.

Category	Amount
Water Well Construction.	\$100
Water Well Abandonment.	no fee

(3)(a) Environmental Resource Permit Application processing fees are in the following table:

TABLE 40E-1.607(3)(a)
 PERMIT APPLICATION PROCESSING FEES FOR
ENVIRONMENTAL RESOURCE PERMIT APPLICATIONS
 REVIEWED PURSUANT TO CHAPTER 62-330, F.A.C.

For the purposes of determining the applicable processing fee, "project area" means the total area wherein works occur as part of an activity requiring a permit under Chapter 373, Part IV, F.S., including all portions of the stormwater management system serving the project area.

1. Use of the reviewing agency's electronic self-certification system.	\$0
2. Verification of exemption under Section 373.406 or 403.813(1), F.S. or under Rules 62-330.050 through 62-33.051, F.A.C.	\$100
3. Verification of qualification to use a General Permit.	\$250
4. Individual or Conceptual Approval Permits, excluding Permits for a Mitigation Bank.	
a. New applications – the processing fee for a new permit application shall be as determined from the categories below:	
(I) Total project area of less than 10 acres and no activities in, on or over wetlands or other surface waters, except where exempt under paragraphs 62-330.051(9)(a) through (c), F.A.C.	\$2,000
(II) Project exceeds any of the thresholds in sub-sub-subparagraphs (3)(a)4.a.(I), above involves a total project area of less than 10 acres, less than 1 acre of works (i.e. dredging, filling, construction, or alteration) in, on or over wetlands and other surface waters, AND less than 10 new boat slips.	\$3,500
(III) Project exceeds any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(II), above, but involves a total project area of less and 40 acres, less than 3 acres of works in, on or over wetlands and other surface waters, AND less than 30 new boat slips.	\$5,500
(IV) Project exceeds any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(III), above, but involves a total project area of less than 100 acres, less than 10 acres of works in, on or over wetlands and other surface waters, AND less than 50 new boats ships.	\$7,500
(V) Project exceeds any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(IV), above, but involves 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.	\$13,125
(VI) Project exceeds any of the thresholds sub-sub-subparagraph (3)(a)4.a.(V), above.	\$25,000

**LAKE WORTH DRAINAGE DISTRICT
OPERATING POLICIES**

Chapter 2: Fees

2.2 STORMWATER MANAGEMENT PERMIT FEE SCHEDULE

All required permit fees for a project seeking a Stormwater Management Permit are to be submitted with the permit application package. The permit application will not be processed, distributed or reviewed until the required permit fees are received by LWDD. A Stormwater Management Permit will not be issued by LWDD until all permit application requirements, including all review comments, are addressed to LWDD's satisfaction.

The LWDD may record a Notice of Permit with the Palm Beach County Clerk of Court for certain types of permits. In addition to application and usage fees, recording fees based upon current fees charged by the Palm Beach County Clerk of Court will be assessed and collected prior to permit issuance.

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

<u>Stormwater Management Permit Types</u>	<u>Permit Fee</u>
Drainage Permits	
Projects 10 acres or less	\$1,200.00 each
Projects above 10 acres and less than 40 acres	\$3,000.00 each
Projects 40 acres and above	\$4,200.00 each
Each subsequent phase of a previously approved master drainage plan (each subsequent phase of a previously approved master drainage plan is considered a minor modification to the previously approved master drainage plan) [REF: CHAPTER 3, SECTION 3.5]	\$ 300.00 each
Roadway Projects	
Designs with zero (0) or one (1) proposed discharge control structure	\$3,000.00 each
Each additional proposed discharge control structure [REF: CHAPTER 3, SECTIONS 3.4 & 3.5]	\$1,800.00 each

Existing culverts for side streets and driveways that are being replaced or modified within LWDD Canal(s) for required canal relocation, as part of a roadway project, are included in roadway fees.

SW 18th Street and Boca Rio Road



Intersection Improvements - Signalization Design Scope

Date: June 20, 2019

Stanley Consultants, Inc.

Project Description

Basic Services: Improvements are proposed for the SW 18th Street at Boca Rio Road intersection in Palm Beach County (PBC). Modifications and widening are proposed on Boca Rio Road to provide a second southbound left turn lane. Additional signal heads will be needed in the southbound direction. New signal heads with backplates will be required for all legs of the intersection. Detail of all signal heads will be provided. The proposed widening will impact the existing span wire poles in the NW corner of the intersection. A new mast arm signal pole system is proposed for the intersection. New pedestrian detectors will be provided on all quadrants of the intersection. The existing loop detection system impacted by the milling and resurfacing will be replaced with video detection. A new signal controller is proposed to replace the existing controller impacted by the widening. New internally illuminated signs attached to the mast arms are also proposed. The Palm Beach County is the signal maintaining agency. Two meetings are anticipated – one coordination meeting and one progress meeting with Palm Beach County.

Stanley Consultants will review the original signal as-built plans and strain pole details provided by the County. The County will provide any additional needed data pertaining to the mast arm, signal system (not provided in as-builts) through field survey. The proposed signalization layout will be reviewed and approved by the County prior to performing the structural analysis of the mast arms signal poles.



Post design services will include providing responses to RFI's, shop drawing review and attendance by EOR for final acceptance meeting with Signal Contractor and PBC Traffic.

In summary, the Basic Scope will include:

- Preparing Mast Arm Signal Plans to reflect signalization improvements to incorporate an additional southbound left turn land (dual lefts total).
- Providing new signal heads with backplates for all legs of the intersection. Providing new pedestrian detectors on all quadrants of the intersection.
- Structural analysis of the mast arm signal system to accommodate the signal head layout using the current standards.
- Replace existing loop detection impacted by milling and resurfacing with video detection.
- Coordination with Palm Beach County Traffic Division and responses to review comments from 65%, 96% and final submittals.
- Engineers Opinion of Probable Construction Costs
- Four submittals are anticipated (65%, 96%, 100% and Final)

SW 18th Street and Boca Rio Road



Intersection Improvements - Signalization Design Scope

Date: June 20, 2019

Optional Services will include:

- Post Design

The existing signal plans and strain pole details will be provided by the County.

**ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT
SIGNAL DESIGN & POST DESIGN (BASIC SVCS)**

Name of Project: SW 18th Street and Boca Rio Road Mast Arm Signal Design Stanley Consultants
 County: Palm Beach 6/20/2019

CK

Staff Classification	Total Staff Hours From "SH Summary Firm"	Project Manager	Sr. Engineer	Engineer	Engineer Intern	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		✓ \$50.00	✓ \$56.15	✓ \$34.00	✓ \$31.25			
18. Structures - Miscellaneous	42	2	40	0	0	X 42	\$2,346.00	\$55.86
21. Signalization Analysis	102	31	41	20	10	X 102	\$4,844.65	\$47.50
22. Signalization Plans	58	6	12	23	17	X 58	\$2,287.05	\$39.43
Total Staff Hours	✓ 202	✓ 39	✓ 93	✓ 43	✓ 27	✓ 202		
Total Staff Cost		✓ \$1,950.00	✓ \$5,221.95	✓ \$1,462.00	✓ \$843.75		✓ \$9,477.70	\$46.92

Check = \$9,477.70

SALARY RELATED COSTS: ✓ \$9,477.70
 MULTIPLIER ✓ 3.00
 DESIGN SERVICES (BASIC SERVICES) ✓ \$28,433.10
GRAND TOTAL BASIC SVCS ESTIMATED FEE: ✓ \$28,433.10
~~X~~ GRAND TOTAL OPTIONAL SVCS ESTIMATED FEE: ✓ \$4,273.20
GRAND TOTAL BASIC+OPTIONAL SVCS ESTIMATED FEE: ✓ \$32,706.30

Project Activity 18: Miscellaneous Structures

Estimator: CK

SW 18th Street and Boca Rio Road Mast Arm Signal Design

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments	
	Mast Arms							
18.1	Mast Arms	EA	3	12		✓ 36	Run Mathcad program for 3 mast arms	
18.2	Mast Arm Data Table Plan Sheet	Sheet	1	6		✓ 6		
	18. Structures - Miscellaneous Total						✓ 42	

Project Activity 21: Signalization Analysis

Estimator: CK

SW 18th Street and Boca Rio Road Mast Arm Signal Design

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
21.1	Traffic Data Collection	LS	1	0	0	
21.2	Traffic Data Analysis	PI	0	0	0	n/a
21.3	Signal Warrant Study	LS	1	0	0	
21.4	System Timings	LS	1	0	0	Provided by Palm Beach County
21.5	Reference and Master Signalization Design File	PI	60	1	60	Includes design of entire new mast arm signal system, new pedestrian poles, video detection
21.6	Reference and Master Interconnect Communication Design File	LS	1	0	0	
21.7	Overhead Street Name Sign Design	EA	3	2	6	
21.8	Pole Elevation Analysis	LS	1	6	6	
21.9	Traffic Signal Operation Report	LS	1	0	0	
21.10	Quantities	LS	1	8	8	Includes placing appropriate signal pay item numbers and corresponding quantities shown on signal plan sheet.
21.11	Cost Estimate	LS	1	2	2	Prepare cost estimate per pay items/quantities
21.12	Technical Special Provisions	LS	1	0	0	
21.13	Other Signalization Analysis	LS	1	8	8	Research existing as-builts
Signalization Analysis Technical Subtotal					90	
21.14	Field Reviews	LS	1	4	4	
21.15	Technical Meetings	LS	1	8	8	see below
21.16	Quality Assurance/Quality Control	LS	%	0%	0	
21.17	Independent Peer Review	LS	%	0%	0	
21.18	Supervision	LS	%	0%	0	
Signalization Analysis Nontechnical Subtotal					12	
21.19	Coordination	LS	%	0%	0	
21. Signalization Analysis Total					102	

Exhibit B - Page 19 of 33

Project Activity 21: Signalization Analysis

Technical Meetings

Power Company (service point coordination)	EA	0	0	0	
Maintaining Agency (cities, counties)	EA	1	4	4	Palm Beach County
Railroads	EA	0	0	0	
Other Meetings	EA	0	0	0	
Subtotal Technical Meetings				✓ 4	
Progress Meetings	EA	1	4	✓ 4	Palm Beach County
Phase Review Meetings	EA	0	0	0	
Total Meetings				✓ 8	

Carries to 21.15

Note: Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

Project Activity 22: Signalization Plans

Estimator: CK

SW 18th Street and Boca Rio Road Mast Arm Signal Design

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
22.1	Key Sheet		Sheet	1	6	0	6	
22.2	Summary of Pay Items Including TRNS•Port Input		Sheet	0	0	0	0	
22.3	Tabulation of Quantities		Sheet	1	8	1	8	For preparing separate tabulation sheet sequentially listing signal pay items, summarizing qtys shown in signal plan sheet with individual pay item quantities and a grand total of quantities.
22.4	General Notes/Pay Item Notes		Sheet	1	6	1	6	
22.5	Plan Sheet		Sheet	1	20	1	20	Show existing strain poles to be removed, show new mast arm design, depict signal head layout, ped detectors, video detection and signal details.
22.6	Interconnect Plans		Sheet	0	0	0	0	
22.7	Traffic Monitoring Site		EA	0	0		0	
22.8	Guide Sign Worksheet		EA	3	2		6	For illuminated street name sign panels
22.9	Special Details		Sheet	0	0	0	0	
22.10	Special Service Point Details		EA	0	0		0	
22.11	Mast Arm/Monotube Tabulation Sheet		PI	1	4		4	
22.12	Strain Pole Schedule		PI	0	0		0	
22.13	TCP Signal (Temporary)		EA	0	0		0	
22.14	Temporary Detection Sheet		PI	0	0		0	
22.15	Utility Conflict Sheet		Sheet	1	8	1	8	Show pot-hole Vvh data for new strain pole and pedestrian pole location
22.16	Interim Standards		LS	1	0		0	
Signalization Plans Technical Subtotal						4	58	
22.17	Quality Assurance/Quality Control		LS	%	0%		0	
22.18	Supervision		LS	%	0%		0	
22. Signalization Plans Total						4	58	

Exhibit B - Page 21 of 33

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT
SIGNAL DESIGN (OPT. SVCS)

Name of Project: SW 18th Street and Boca Rio Road
 County: Palm Beach

Stanley Consultants

6/20/2019

CK

Staff Classification	Total Staff Hours From "SH Summary Firm"	Project Manager	Sr. Engineer	Engineer	Engineer Intern	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		✓ \$50.00	✓ \$56.15	✓ \$34.00	✓ \$31.25			
3. Post Design Services	30	18	6	0	6	✓ 30	✓ \$1,424.40	\$47.48
18. Structures - Miscellaneous	0	0	0	0	0	0	\$0.00	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	\$0.00	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	\$0.00	#DIV/0!
Total Staff Hours	✓ 30	✓ 18	✓ 6	0	✓ 6	✓ 30		
Total Staff Cost		✓ \$900.00	✓ \$336.90	✓ \$0.00	✓ \$187.50		✓ \$1,424.40	\$47.48

Check = \$1,424.40

SALARY RELATED COSTS: ✓ \$1,424.40
 MULTIPLIER ✓ 3.00
 DESIGN SERVICES (OPTIONAL SVCS) \$0.00
GRAND TOTAL OPTIONAL SVCS ESTIMATED FEE: ✓ \$4,273.20

Project Activity 3: General Tasks

Estimator: CK

SW 18th Street and Boca Rio Road



Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.0	Post Design Services (Optional Services)	LS	1	30	30	Provide responses to RFI's and shop drawing reviews
3. Post Design Services Total					30	

SW 18th Street and Boca Rio Road



Intersection improvements – Retaining Wall Design Scope

Date: June 20, 2019

Stanley Consultants, Inc.

Project Description

Basic Services: The existing gravity wall located on the west side of Boca Rio Road, approximately 200 ft north of SW 18th Street, will be evaluated (by others) due to the roadway widening. Should the results of this evaluation require a retaining wall, then a structural design and retaining wall plans shall be provided under optional services.

Optional Services: Stanley Consultants will perform the structural design for the retaining wall and prepare the retaining wall plans. Due to the space constrictions at the project site, a Temporary Critical Sheet Pile Wall will need to be installed to enable construction of the retaining wall. Stanley Consultants will perform the structural design for the Temporary Critical Wall and prepare the Temporary Critical Wall plans. In summary, the Optional Services for the retaining wall will include:

- Structural design for the proposed retaining wall
- Preparation of Retaining Wall Plans
- Structural design for a Temporary Critical Sheet Pile Wall
- Preparation of Temporary Critical Sheet Pile Wall Plans
- Engineers Opinion of Probable Construction Costs

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT
RETAINING WALL DESIGN (OPT. SVCS) ✕

Name of Project: SW 18th Street and Boca Rio Road
 County: Palm Beach

Stanley Consultants

6/20/2019
 CK/EH

Staff Classification	Total Staff Hours From "SH Summary Firm"	Project Manager	Sr. Engineer	Engineer	Engineer Intern	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		✓ \$50.00	✓ \$56.15	✓ \$34.00	✓ \$31.25			
17. Structures - Retaining Walls	✓ 108	4	79	13	12	✕ 108	✓ \$5,452.85	\$50.49
Total Staff Hours	✓ 108	✓ 4	✓ 79	✓ 13	✓ 12	✕ 108		
Total Staff Cost		✓ \$200.00	✓ \$4,435.85	✓ \$442.00	✓ \$375.00		✓ \$5,452.85	\$50.49

Check = \$5,452.85

SALARY RELATED COSTS: ✓ \$5,452.85
 MULTIPLIER ✓ 3.00
 DESIGN SERVICES (OPTIONAL SVCS) ✓ \$16,358.55
GRAND TOTAL OPTIONAL SVCS ESTIMATED FEE: ✓ \$16,358.55

Project Activity 17: Retaining Walls

Estimator: E. Huskey

SW 18th Street and Boca Rio Road

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
General Requirements							
17.1	Key Sheet	Sheet	1	4	1	✓ 4	
17.2	Horizontal Wall Geometry	Per Wall	1	8		✓ 8	
Permanent Proprietary Walls							
17.3	Vertical Wall Geometry	Per Wall	0	0		0	
17.4	Semi-Standard Drawings	Sheet	0	0	0	0	
17.5	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.6	Details	Sheet	0	0	0	0	
Temporary Proprietary Walls							
17.7	Vertical Wall Geometry	Per Wall	0	0		0	
17.8	Semi-Standard Drawings	Sheet	0	0	0	0	
17.9	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.10	Details	Sheet	0	0	0	0	
Cast-in-Place Retaining Walls							
17.11	Design	EA Design	1	16		✓ 16	
17.12	Vertical Wall Geometry	EA Wall	1	20		✓ 20	
17.13	General Notes	Sheet	1	4	1	✓ 4	
17.14	Wall Plan and Elevations (Control Drawings)	Sheet	1	16	1	✓ 16	
17.15	Sections and Details	Sheet	1	12	1	✓ 12	
17.16	Reinforcing Bar List	Sheet	1	4	1	✓ 4	

Exhibit B - Page 26 of 33

Project Activity 17: Retaining Walls

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
Other Retaining Walls and Bulkheads - Temporary Critical Sheet Pile Wall							
17.17	Design	EA Design	1	8		✓ 8	
17.18	Vertical Wall Geometry	EA Wall	1	4		✓ 4	
17.19	General Notes, Tables and Misc. Details	Sheet	1	4	1	✓ 4	
17.20	Wall Plan and Elevations	Sheet	1	4	1	✓ 4	
17.21	Details	Sheet	1	4	1	✓ 4	
17. Structures - Retaining Walls Total						✓ 8	✓ 108



Revised June 20, 2019

HSQ Group, Inc.
1489 West Palmetto Park Road, Suite 340
Boca Raton, Florida 33486

Attn: Mr. Nour Shehadah, P.E., Vice President

Re: **Proposal for Geotechnical Services**
Proposed Mast Arm at SW 18TH Street / Boca Rio Rd
Boca Raton, Florida
TSF Proposal No.: 1712-728

Dear Nour:

As requested, **TIERRA SOUTH FLORIDA, INC. (TSF)** is pleased to submit this proposal for the above-referenced project. This proposal includes an outline of our proposed scope of work, an estimate of the total fees, and our anticipated schedule for completion of the work.

PROPOSED SCOPE OF WORK

All work performed by TSF will be in general accordance with PBC standards. We understand that three mast arms will be installed at the corner of Boca Rio and SW 18th Street in Boca Raton. As requested, TSF will perform three (3) Standard Penetration Test (SPT) borings to a depth of 30 feet for the proposed mast arms, and two (2) borings to a depth of 6 feet below existing grade for roadway widening on the west side between the retaining wall and the existing guard rail.

Boring locations will be approximately located and noted in the field by our personnel by measuring distances with a tape from known reference points. Elevation at boring location can be interpreted from topographic plans if furnished by others. Prior to drilling at the project site, TSF will notify the local utility companies and request that underground utilities be marked. Our experience, however, is that the utility companies will not mark privately owned utilities. Our proposal assumes that private utility lines will be located in the field by others prior to mobilization of the drill rig. TSF will recommend a utility line locating service upon request.

Upon completion of the field exploration, laboratory testing will be performed on selected samples.

A geotechnical engineer will evaluate the results of all drilling and laboratory testing. A report will be issued that contains the exploration data, a discussion of the site and subsurface conditions, evaluation, and recommendations for roadway widening, and soil parameters for mast arm design, and a discussion of some construction considerations.

HSQ Group, Inc.
TSF Proposal No. 1712-728

X Optional Service: If a retaining wall design is warranted after evaluation, we propose to perform two (2) SPT borings to a depth of 15 feet for the retaining wall. Upon completion of the field exploration, a report will be provided with soil profile, and recommendations for soil parameters.

ESTIMATED FEES

It is proposed that the fee for the performance of the services outlined above is determined on a unit price basis. The estimated fees are \$7,450.00. Estimated fee for optional service is \$2,975.

Our estimate covers the work needed to present our findings and recommendations in a formal report. Not included are reviews of drawings, preparation of construction specifications, special conferences and any other work requested after submittal of our report.


SCHEDULE AND AUTHORIZATION

TSF will proceed with the work after receipt of a signed copy of this proposal. With our present schedule, we can commence work within a few days of project approval (weather permitting and utility clearance). The fieldwork is expected to take two days to complete. The written report can be submitted about two weeks after completion of the field exploration, depending on the extent of the laboratory-testing program. Verbal preliminary recommendations can be made to appropriate parties prior to submittal of the written report.

We at TSF appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you should have any questions concerning our proposal, please contact our office.

Respectfully submitted,

TIERRA SOUTH FLORIDA, INC.


Ramakumar Vedula, P.E.
Principal Engineer

KV:

Attachments: 1. Fee Estimate (Mast Arm and Roadway Widening)
2. Fee Estimate (Optional Service)

TIERRA SOUTH FLORIDA, INC.

	Unit	# of Units	Unit Price	Total
I. FIELD INVESTIGATION				
Mobilization of Men and Equipment Truck-Mounted Equipment	Trip	1	\$ 350.00	\$ 350.00
SPT Borings 0 - 50 ft depth	L.F.	102	\$ 12.00	\$ 1,224.00
Grout Boreholes 0 - 50 ft depth	L.F.	102	\$ 5.50	\$ 561.00
Casing Allowance 0 - 50 ft depth	L.F.	90	\$ 7.00	\$ 630.00
II. LABORATORY TESTING				
Visual Examination by Staff Engineer	Hour	3	\$ 85.00	\$ 255.00
Natural Moisture Content Tests	Test	2	\$ 10.00	\$ 20.00
Grain-Size Analysis - Full Gradation	Test	1	\$ 60.00	\$ 60.00
Grain-Size Analysis - Single Sieve	Test	0	\$ 30.00	\$ 0.00
Organic Content Tests	Test	1	\$ 45.00	\$ 45.00
Atterberg Limit Tests	Test	0	\$ 70.00	\$ 0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	2	\$ 150.00	\$ 300.00
III. FIELD ENGINEERING AND TECHNICAL SERVICES				
Site Recon./Utility Coordination/MOT Sr. Engineering Technician	Hour	8	\$ 65.00	\$ 520.00
IIIA. ENGINEERING AND TECHNICAL SERVICES				
Principal Engineer	Hour	0	\$ 145.00	\$ 0.00
Senior Geotechnical Engineer	Hour	3	\$ 125.00	\$ 375.00
Project Engineer	Hour	14	\$ 115.00	\$ 1,610.00
Draftperson	Hour	5	\$ 60.00	\$ 300.00
FEE FOR GEOTECHNICAL SERVICES-Mast Arms and Roadway Widening				\$ 6,250.00
Traffic Control -MOT (if Required) (2-man crew with safety equipments)	LS	1	\$ 1200.00	\$ 1,200.00
PROJECT TOTAL				\$ 7450.00

2.83 multiplier

~~TIERRA SOUTH FLORIDA, INC.~~
OPTIONAL SERVICES

	Unit	# of Units	Unit Price	Total
I. FIELD INVESTIGATION				
Mobilization of Men and Equipment Truck-Mounted Equipment	Trip	1	\$ 350.00	\$ 350.00
SPT Borings 0 - 50 ft depth	L.F.	30	\$ 12.00	\$ 360.00
Grout Boreholes 0 - 50 ft depth	L.F.	30	\$ 5.50	\$ 165.00
Casing Allowance 0 - 50 ft depth	L.F.	30	\$ 7.00	\$ 210.00
II. LABORATORY TESTING				
Visual Examination by Staff Engineer	Hour	1	\$ 85.00	\$ 85.00
Natural Moisture Content Tests	Test	2	\$ 10.00	\$ 20.00
Grain-Size Analysis - Full Gradation	Test	1	\$ 60.00	\$ 60.00
Grain-Size Analysis - Single Sieve	Test	0	\$ 30.00	0.00
Organic Content Tests	Test	1	\$ 45.00	\$ 45.00
Atterberg Limit Tests	Test	0	\$ 70.00	0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	\$ 150.00	0.00
III. FIELD ENGINEERING AND TECHNICAL SERVICES				
Site Recon./Utility Coordination/MOT Sr. Engineering Technician	Hour	6	\$ 65.00	\$ 390.00
IIIA. ENGINEERING AND TECHNICAL SERVICES				
Principal Engineer	Hour	0	\$ 145.00	0.00
Senior Geotechnical Engineer	Hour	2	\$ 125.00	\$ 250.00
Project Engineer	Hour	8	\$ 115.00	\$ 920.00
Draftperson	Hour	2	\$ 60.00	\$ 120.00
FEE FOR GEOTECHNICAL SERVICES-Optional Service				\$ 2,975.00
PROJECT TOTAL				2975.00

2.83 multiple



June 20, 2019

Mr. Nour Shehadeh, P.E., V.P.
HSQ GROUP, INC.
1489 West Palmetto Park Road, Suite 340
Boca Raton, FL 33486

Nour@hsqgroup.net

**RE: Utility Test Holes @ the NE Corner of SW 18TH Street and Boca Rio Road
Palm Beach County, FL
Optional Services**

Dear Mr., Shehadeh,

Wantman Group, Inc. (WGI) is pleased to provide this proposal to HSQ Group, Inc. (CLIENT) for professional services on the above referenced project. Our scope of services and corresponding fees are detailed below.

PROJECT UNDERSTANDING

Client is requesting WGI perform utility locating test holes at the intersection depicted on the attached exhibit. The Client is requesting a total of eight (8) test holes at four locations determined by the Client.

Basis of Scope:

1. WGI proposes to vacuum excavate the existing utilities at eight (8) location as directed by the Client.
2. WGI will meet with the Client's representative on site to confirm project needs and requirements. Eight test holes are proposed.
3. Maintenance of traffic (MOT) for lane closures will be provided by WGI (MOT permits are not included).
4. Permits and permit fees are not included, and if needed, are the responsibility of the Client.
5. Survey services and survey location of utilities and the utility test holes locations are included.
6. Drafting and/or other CADD service are included. WGI will vacuum excavate each test hole and provide a depth to the top of the facility, and then backfill the test hole with native soil, compact with a hand tamper, to existing grade.
7. WGI will vacuum excavate each test hole and provide a depth to the top of the facility, and then backfill the test hole with native soil, compact with a hand tamper, to existing grade.
8. Generally, utilities found by vacuum excavation can be visually exposed to a depth equal to the water table; an air lance probe will be used for deeper utilities, however, visual confirmation may not be possible for utilities lying below the water table. Note that the absence of identified utilities does not guarantee "no utility Conflict".
9. Services shall be rendered on a lump sum basis and billings shall include travel time, mobilization and demobilization to and from West Palm Beach, Florida.
10. Coordinates for mast arm locations to be provided by the Client prior to mobilization.
11. Remobilization charges will be applied in the event of change of mast arm locations.

Scope of Services:

Task I: Utility Designation

WGI shall perform a Quality Level B field investigation (utilities designation) as necessary to confirm the presence of subsurface utilities per Utility Agency Owner Representative Sunshine 811 field markings.

Task II: Test Holes

WGI will provide a Quality Level A field investigation (utility test holes) at conflict locations as specified by Client. Provide Field Test Hole Data sheets with the obtainable data; digital photos, utility description, depth, size, type, direction, and material for each test hole.

✓
8 Test Holes Locations @ \$475.00 per hole = \$3,800.00 ✓

Any additional optional services requested by CLIENT will be provided in accordance with WGI's hourly fee schedule in effect at the time of service, or a fixed fee to be negotiated once a scope of service is defined.

We appreciate the opportunity to be of service to HSQ Group, Inc. Upon acceptance of this proposal, please sign and return an executed copy to this office.

Respectfully submitted,

WGI



Sam Hall, PSM
Vice President

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

SOLICITATION/PROJECT/BID NAME: SW 18th Street and Boca Rio Road Intersection
 NAME OF PRIME RESPONDENT/BIDDER: HSQ Group, Inc.
 CONTACT PERSON: Nour Shehadeh
 SOLICITATION OPENING/SUBMITTAL DATE: _____

SOLICITATION/PROJECT/BID No.: 2018105
 ADDRESS: 1001 Yamato Road, Suite 105, Boca Raton, FL 33431
 PHONE NO.: 561-392-0221 E-MAIL: nour@hsqgroup.net
 DEPARTMENT: Engineering and Public Works

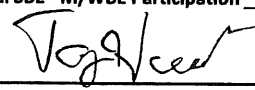
PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT ON THIS PROJECT. PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT.

Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	Non-SBE	M/WBE Minority/Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. HSQ Group, Inc. 1001 Yamato Road, Suite 105 Boca Raton, FL 33431 561-392-0221	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	_____	<u>61.80%</u>
2. Tierra South Florida 2765 Vista Parkway, Ste. 10 West Palm Beach, FL 33411 561-687-8539	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	<u>6.29%</u>
3. Stanley Consultants, Inc. 1641 Worthington Rd., #400 West Palm Beach, FL 33409 561-689-7444	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	<u>29.61%</u>
4. Wantman Group, Inc. 2035 Vista Parkway West Palm Beach, FL 33411 561-687-2220	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	<u>2.30%</u>
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
Total								<u>100.00%</u>

Total Bid Price \$ 165,685.05

Total SBE - M/WBE Participation 68.09%

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


Signature

Vice President
Title

- Note:**
1. The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 2. Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and/or M/WBE, please indicate the dollar amount under the appropriate category.
 3. Modification of this form is not permitted and will be rejected upon submittal.

Exhibit C
Page 1 of 5

OEBO LETTER OF INTENT – SCHEDULE 2

Exhibit C
Page 2 of 5

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (i.e., 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: 2018105

SOLICITATION/PROJECT NAME: SW 18th Street and Boca Rio Road Intersection Improvements

Name of Prime: HSQ Group, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 3/13/18-3/12/21

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

Column 1

Column 2

Male Female African-American/Black Asian American Caucasian American
 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
	Roadway/Drainage/Utilities/Permitting/S&P Marking/Surveying				102,395.20

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$102,395.20

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

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

HSQ Group, Inc.
Print Name of Prime
By: Jay Huebner
Authorized Signature
Jay Huebner
Print Name
Vice President
Title
Date: 8/14/2019

Print Name of Subcontractor/subconsultant
By: _____
Authorized Signature

Print Name

Title
Date: _____

OEBO LETTER OF INTENT – SCHEDULE 2

*Exhibit C
Page 3 of 5*

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: 2018105

SOLICITATION/PROJECT NAME: SW 18th Street and Boca Rio Road Intersection Improvements

Name of Prime: HSQ Group, Inc.

(Check box(s) that apply)

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

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

Column 1

Column 2

Male Female African-American/Black Asian American Caucasian American
 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
	Basic Services				28,433.10
	Optional Services				20,631.75

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: _____

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

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

HSQ Group, Inc.
 Print Name of Prime
 By: Jay Huebner
 Authorized Signature
Jay Huebner
 Print Name
Vice President
 Title
 Date: 7/26/19

Stanley Consultants, Inc.
 Print Name of Subcontractor/subconsultant
 By: John P. Downes
 Authorized Signature
John P. Downes
 Print Name
Vice President
 Title
 Date: 7/25/2019

OEBO LETTER OF INTENT – SCHEDULE 2

Exhibit C
Page 4 of 5

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: 2018105
 SOLICITATION/PROJECT NAME: S.W. 18th Street and Boca Rio Road Intersection Improvements

Name of Prime: HSQ Group, Inc.

(Check box(s) that apply)

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

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

Column 1	Column 2
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input checked="" type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American
	<input type="checkbox"/> 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
	Field Investigation				3850.00
	Laboratory Testing				890.00
	Field Engineering and Technical Services				910.00
	Engineering and Technical Services				3575.00
	Traffic Control (MOT)				1200.00

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: \$10,425.00

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

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

HSQ Group, Inc.
 Print Name of Prime
 By: Jay Huebner
 Authorized Signature
Jay Huebner
 Print Name
Vice President
 Title
 Date: 8/22/2019

(TSF) Tierra South Florida, Inc.
 Print Name of Subcontractor/subconsultant
 By: [Signature]
 Authorized Signature
Raj Krishnasamy, PE
 Print Name
President
 Title
 Date: 8/21/2019

OEBO LETTER OF INTENT – SCHEDULE 2

*Exhibit C
Page 5 of 5*

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: 2018105

SOLICITATION/PROJECT NAME: S.W. 18th Street and Boca Rio Road Intersection Improvements

Name of Prime: HSQ

(Check box(s) that apply)

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

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

Column 1

Column 2

Male Female African-American/Black Asian American Caucasian American
 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	Eight utility test holes	\$3,800.00	1	0	\$3,800.00

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: _____

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

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

HSQ Group, Inc.
 Print Name of Prime

By: *Jay Huebner*
 Authorized Signature

Jay Huebner
 Print Name

Vice President
 Title

Date: 8/6/19

Wantman Group, Inc.
 Print Name of Subcontractor/subconsultant

By: *Brian C. Rheault*
 Authorized Signature

Brian C. Rheault
 Print Name

Vice President
 Title

Date: July 25, 2019



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/10/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

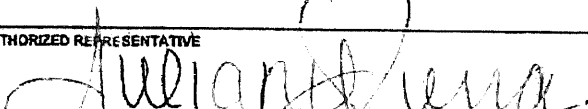
PRODUCER State Farm 	Marion Fazio Insurance Agency Inc. 805 George Bush Blvd Delray Beach FL 33483	CONTACT NAME: Marion Fazio PHONE: 5612760330 FAX: 5612760960 EMAIL: Marion@marionfazio.com ADDRESS:
	INSURER(S) AFFORDING COVERAGE	
INSURED HSQ GROUP 1001 Yamato Road Suite 105 BOCA RATON FL 33431	INSURER A: State Farm Mutual Automobile Insurance Company NAIC # 25178	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (E&O occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		C60 8364-E12-59D 994 2729-C06-59C 961 7635-C14-59D 439 6946-e02-59I	05/12/2019 09/06/2019 09/14/2019 05/02/2019	11/12/2019 03/06/2020 03/14/2020 11/02/2019	COMBINED SINGLE LIMIT (E&O amount) \$ BODILY INJURY (Per person) \$ 1,000,000 BODILY INJURY (Per accident) \$ 1,000,000 PROPERTY DAMAGE (Per accident) \$ 1,000,000
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A			PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
06 FORD F150 VIN: 1FTRX14W66NB80474 14 TOYOTA TACOMA VIN: 5TFTX4CN1EX038231
11 JEEP COMPASS VIN: 1J4NT1FB1BD260022 18 TOYOTA TACOMA VIN: 5TF5X5ENXJX063623
15 TOYOTA TACOMA VIN: 5TFUX4EN8FX035295 09/23/2019-03/23/2020
18 Ford Escape VIN: 1FMCU0GDJUA65583- 06/05/2018-12/05/2019

CERTIFICATE HOLDER Palm Beach County, Board of County Commissioners Engineering & Public Works Department 2300 N. Jog Road, West Palm Beach, Florida 33411	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	--

Page 2 of 3



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
07/26/19

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services, Inc of Florida 1001 Brickell Bay Drive, Suite #1100 Miami, FL 33131-4937	CONTACT NAME: Aon Risk Services, Inc of Florida	
	PHONE (A/C, No, Ext): 800-743-8130	FAX (A/C, No): 800-522-7514
EMAIL ADDRESS: ADP.COI.Center@Aon.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Illinois National Insurance Co		23817
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 2515561 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. LIMITS SHOWN ARE AS REQUESTED.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DEC <input type="checkbox"/> RETENTION \$						<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE EACH OCCURRENCE \$ AGGREGATE \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC 080371933 FL	07/01/19	07/01/20	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
All worksite employees working for HSQ GROUP INC, paid under ADP TOTALSOURCE, INC.'s payroll, are covered under the above stated policy. HSQ GROUP INC is an alternate employer under this policy.

CERTIFICATE HOLDER

Palm Beach County, Board of County Commissioners
 Engineering & Public Works Department
 2300 N. Jog Road
 West Palm Beach, FL 33411

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Juan E. Boltran

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