PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS <u>AGENDA ITEM SUMMARY</u>

Meeting Date:	November 17, 2020	[X]	Consent Worksho] p []	Regular Public Hearing
Department: Submitted By: Submitted For:	Engineering & Publ Engineering & Publ Roadway Productio	lic Wor	ks Departr			
	<u>I. EXE</u>	CUTIV	E BRIEF			
the Old Dixie Highw	yay from Yamato Road to sulting Engineers of Fl	to Linto	n Boulevaro	d (Proje	ct) (t No. 2 (Supplement) to R2015-0264) (Contract) ount of \$163,307.40 for
provide a wider proposed the location of a profession effective date of the Enterprise (SBE) Of SBE goal for all cor 3.56% SBE participate including this Supplies funded by the Figure 1.50 for the location of the supplies funded by the Figure 1.50 for the location of th	posed center lane in order to posed pond in order to mals was advertised on Equal Business Opporting the Equation for this Supplement is 26.90%. ACE we-Year Road Program	er to con reduce in Januar rtunity of th final agreed to ement. is a Pali m. <u>Dist</u>	nply with upright of way 12, 2014 Ordinance as selection to 15% SBF Their cum Beach Control 4 & 7	pdated of acquise and Ja and puraking perticulative ounty be (YBH)	designuar suar lace ipati	al services necessary to gn standards, and change in costs. The solicitation by 19, 2014, prior to the at to the Small Business on June 26, 2014. The on for the Contract, and E participation to date company. This Project
approved the Contra	nct with ACE to provide bit B of the attached So	profess	sional servi	ces requ	uired	for the Project. The fee
Basic Services (Lun Reimbursable Servi Optional Services (I	ces (Not to Exceed)	\$ \$	0.00 0.00 0.00 3,307.40	Plans	s, Dr	y Analysis, Roadway ainage Analysis, and Payment Markings)
_	ne attached Supplement and BCC approval.	nt and	finding it	in pro	per	order, the Engineering
Attachments: 1. Location Map 2. Supplement No.	2 with Exhibits A, B, C	E & Ebiz	x Insurance	Compl	ianc	e (2)
Accommended by:		ity Engi	TeA neer	1		10 /15/2020 Date
Approved By:	Assistant Co	F-1		r		10/20/21 Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2021	2022	2023	2024	2025
Capital Expenditures	<u>\$163,308</u>	0-	0-	0-	<u>-0-</u>
Operating Costs	0	0-	0-	-0-	0-
External Revenues	0	0-	0		<u>-0-</u>
Program Income (County)	-0-			0-	<u>-0-</u>
In-Kind Match (County)	-0-	0-	0	0-	
NET FISCAL IMPACT	\$163,308	-0-		-0-	-0-
# 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 1428

Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Fund - Zone 5 Old Dixie Hwy from Yamato Rd to Linton Blvd

Supplement #2
Basic Services
Fiscal Impact

\$ 163,307.40 \$ 163,307.40

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

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

10/16/2020 10/16/2020

 $\frac{10}{10}$

Contract Dev. and Control

10-16

B. Approved as to Form

nd Alegal Sufficiency:

stant County Attorney

C. Other Department Review:

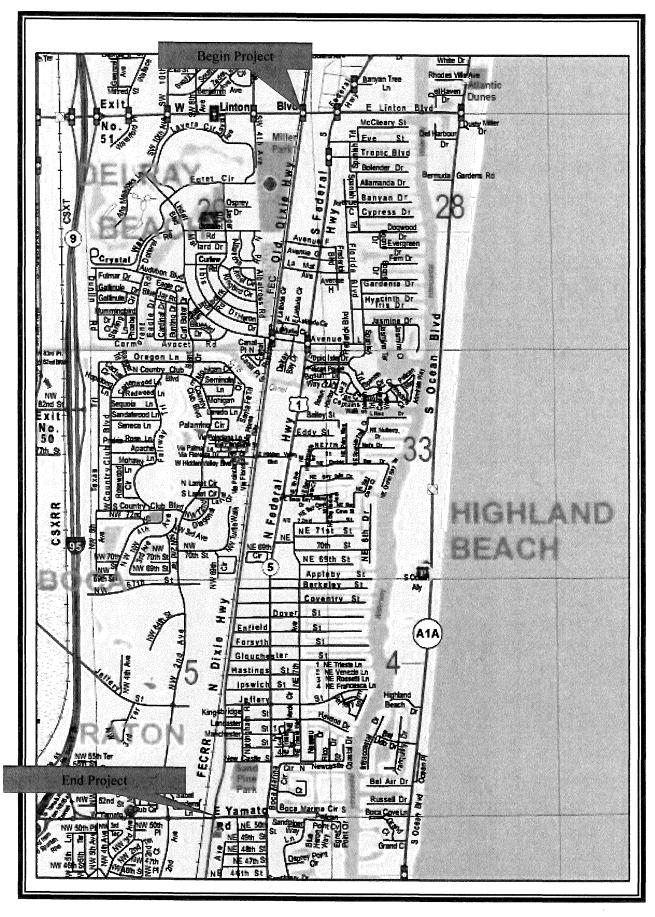
Department Director

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

2

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Old Dixie Highway from Yamato Road to Linton Boulevard Palm Beach County Project No. 2014500





SUPPLEMENT NO. 2 TO THE PROFESSIONAL SERVICES PROJECT CONTRACT BY AND BETWEEN PALM BEACH COUNTY AND AMERICAN CONSULTING ENGINEERS OF FLORIDA, LLC FOR OLD DIXIE HIGHWAY FROM YAMATO ROAD TO LINTON BOULEVARD PROJECT # 2014500

This Supplement No. 2 to the Old Dixie Highway from Yamato Road to Linton Boulevard Project (PROJECT) Contract (R2015-0264), dated March 10, 2015 (CONTRACT), is made and entered into the _____ day of _____, 20____, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (COUNTY) and American Consulting Engineers of Florida, LLC (CONSULTANT) whose Federal ID is 04-3682340 (individually Party and collectively Parties).

WITNESSETH

WHEREAS, the COUNTY and CONSULTANT entered into the CONTRACT on March 10, 2015 (R2015-0264); and

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

WHEREAS, the CONSULTANT agrees to modify the design plans 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 \$163,307.40 Reimbursable Expenses capped at \$0.00 Optional Services capped at \$0.00 Totaling \$163,307.40

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 Supplement No. 2.

Exhibit A - Scope of Work including Work Schedule

Exhibit B - Fee Schedule

Exhibit C – OEBO Schedules 1 and 2

The COUNTY agrees to pay the CONSULTANT a fee of One Hundred Sixty Three Thousand Three Hundred Seven Dollars and Forty Cents (\$163,307.40) for this Supplement No. 2.

REMAINDER OF PAGE LEFT BLANK INTENTIONALLY

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida has made and executed this Supplement No. 2 for the PROJECT pursuant to the CONTRACT, as amended, on behalf of the COUNTY, and CONSULTANT has hereunto set its hand the day and year above written.

OWNER:	CONSULTANT:
Palm Beach County, aPolitical Subdivision	American Consulting Engineers
of the State of Florida, by and through its	of Florida, LLC
Board of County Commissioners:	
BY:	BY: Mark Holls
Mayor	Tel. Galyle Grady
SEAL	CORPORATE SEAL
ATTEST:	ATTEST WITNESS:
Sharon R. Bock, Clerk & Comptroller Circuit Court	
	BY: PAIGE IPPOLITO
	(Print Name)
BY:	
(Deputy Clerk)	Para Spollo
	(Signature)
APPROVED AS TO TERMS	BY: JOEL C. MCGEE
AND CONDITIONS:	(Print Name)
BY: SUP	LUC MUL
BY: Morton L. Rose, P.E.	√ (Signature)
Director of Roadway Production	
·	
APPROVED AS TO FORM &	

A: HU in [1]) CAA 211/4 2H1-ISHO I'mjeci Sup/i? III CSI 777A MIN I to I'mjM.tlocx

LEGAL SUFFICIENCY:

BY: /s/Yelizaveta B. Herman

Yelizaveta B. Herman, Assistant County Attorney



August 26, 2020

Palm Beach County Project Number:

2014500

Project Description:

Design Services for Old Dixie Highway

Project Limits:

From Yamato Road to Linton Boulevard

Blvd. PBC Project Manager:

Maroun Azzi, PE

American Project Manager:

Christopher N. O'Reilly, PE

Scope of Work:

Palm Beach County has requested a change to the Roadway Typical Section for 1.9 Miles. The change increases the center lane to 11' for

typical section 4 and reduces the swale bottom to 3'.

Supplemental Work Effort No 2:

Roadway: The current plans are over 65% complete. The following tasks will need

to be revised due to this change to the Typical Section: Horizontal Vertical Master Design Files; Typical Sections; Plans/Profile Sheets; Back of Sidewalk Profile Sheets; Cross Section Design Files and

Sheets.

<u>Drainage:</u> Work includes the following tasks: re-evaluation of 2 basins for typical

section changes and including one pond relocation; Revise conveyance

design for relocated pond and typical section changes.

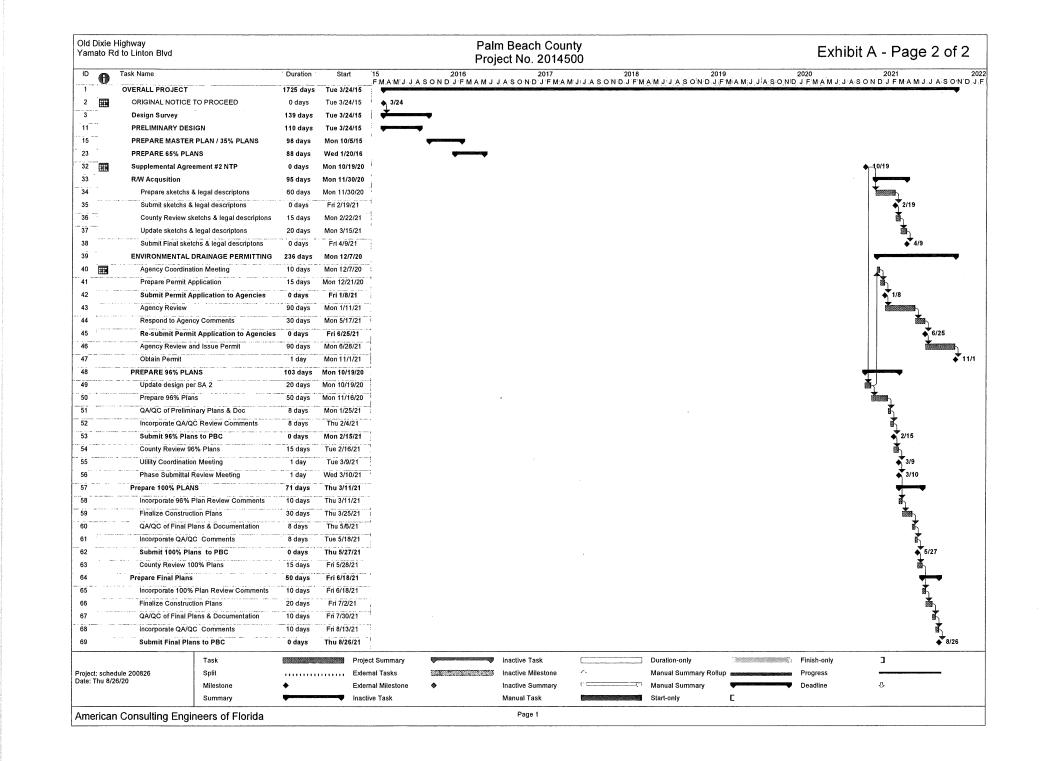
Signing & Pavement Marking:

Services shall include revising the signing and pavement marking plans for Dixie Highway due to changing the road typical section by changing the striped median width from 10' to 11' starting at Coventry Street to the end of the project.

American Consulting Engineers of Florida, LLC

2041 Vista Parkway, Suite 101 · West Palm Beach, Florida 33411 · 561.253.9550 · www.acp-americas.com

A CULTURE OF PROFESSIONAL EXCELLENCE



ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Exhibit B - Page 1 of 9

Name of Project:

Old Dixie Highway from Yamato Road to Linton Boulevard

Consultant Name: American Consulting Engineers of Florida, LLC

County:

PBC

Consultant No.:

5159653

FPN: FAP No 2014500

Date: 8/26/2020 Estimator: C. O'Reilly

FAP No.:	N/A						Estimator:	C. O'Reilly		
Staff Classification	Total Staff Hours From "SH	Project Manager	Sr Engineer	Project Engineer	Engineering Intern	Sr Designer	Designer	SH By	Salary Cost By	Average Rate Per
	Summary -	\$74.00 🗸	\$61.33 🗸	\$48.55 🗸	\$24.82 🗸	\$47.56 🗸	\$27.05 🗸	Activity	Activity	Task
4. Roadway Analysis	354 √	71	53	35	18	124	53	354	\$17,982 🗸	\$50.80
5. Roadway Plans	500 🗸	75	100	50	75	125	75	500	\$23,946 🗸	\$47.89
6. Drainage Analysis	178 🗸	26	116	27	9	0	0	178	\$10,573	\$59.40 🗸
Total Staff Hours	1,032 🗸	172	269	112	102	249	128	1,032		
Total Staff Cost	-	\$12,728.00	/ \$16,497.77	\$5,437.60	\$2,531.64	\$11,842.44	\$3,462.40 🗸	,	\$52,499.85	\$50.87

Check = \$52,499.85 V

SALARY RELATED COSTS:

MULTIPLIER:

3.0 🗸

\$52,499.85 🗸 \$157,499.55

SUBTOTAL ESTIMATED FEE:

\$157,499.55

Subconsultant:

HSQ Group, Inc.

\$5,807.85 🗸

GRAND TOTAL ESTIMATED FE GRAND TOTAL ESTIMATED FEE:

\$163,307.40

Estimator: CNO

Old Dixie Highway from Yamato Road to Linton Boulevard 2014500

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Typical Section Package	LS	1	4	4	update typical section package
4.2	Pavement Type Selection Report	LS	1	0	0	N/A
4.3	Pavement Design Package	LS	1	0	0	N/A
4.4	Cross-Slope Correction	LS	1	0	0	N/A
	Horizontal /Vertical Master Design Files	LS	1	200	200	Revise 1.9 Miles of Roadway- update alignment with typical section shift (65% complete)
4.5.2	Horizontal /Vertical Master Design Files (skeletal plans)	LS	1	0	0	N/A
4.6	Access Management	LS	1	0	0	N/A
4.7	Cross Section Design Files	LS	1	150	150	Revise 1.9 miles of roadway -220 hrs per mile Cross Sections every 100' (65% complete) Over 100 cross section files to be adjusted
	4.	Roadw	ay Analy	sis Total	354√	

Project Activity 5: Roadway Plans

Exhibit B - Page 3 of 9

Estimator: CNO

Old Dixie Highway from Yamato Road to Linton Boulevard 2014500

Task No.	Task	Scale	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
5.1	Key Sheet		Sheet	1.	0	1	0	N/A
5.2	Summary of Pay Items		Sheet	1	0	1	0	N/A
5.3	Drainage Map (Including Interchanges)	200	Sheet	5	2	5	10	Revise drainage maps
5.4	Typical Section Sheets							
5.4.1	Typical Sections		EA	1	4		4	
5.4.2	Typical Section Details		EA	1	0		0	N/A
5.5	General Notes/Pay Item Notes		Sheet	1	0	1	0	N/A
5.6	Summary of Quantities		Sheet	1	0	1	0	N/A
5.7	Box Culvert Data Sheet		Sheet	0	0	0	0	N/A
5.8	Bridge Hydraulics Recommendation Sheets		Sheet	1	0	1	0	N/A
5.9	Summary of Drainage Structures		Sheet	0	0	0	0	N/A
5.10	Optional Pipe/Culvert Material		Sheet	0	0	0	0	N/A
5.11	Project Layout		Sheet	0	0	0	0	N/A
5.12	Plan/Profile Sheet	40	Sheet	21	4	21	84	update 21 sheets
5.13	Profile Sheet		Sheet	0	0	0	0	N/A
5.14	Plan Sheet		Sheet	0	0	0	0	N/A
5.15	Special Profile		Sheet	0	0	0	0	N/A
5.16	Back-of-Sidewalk Profile Sheet		Sheet	0	0	0	0	N/A
5.17	Interchange Layout Sheet		Sheet	0	0	0	0	N/A
5.18	Ramp Terminal Details (Plan View)		Sheet	0	0	0	0	, N/A

Project Activity 5: Roadway Plans

Task No.	Task	Scale	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
5.19	Intersection Layout Details		Sheet	0	0	0	0	N/A
5.20	Special Details		EA	0	0		0	N/A
5.21	Drainage Structure Sheet (Per Structure)		EA	67	1		67	revise or new structures for changed pond locaiton and typical section
5.22	Miscellaneous Drainage Detail Sheets		Sheet	0	0	0	0	N/A
5.23	Lateral Ditch Plan/Profile		Sheet	0	0	0	0	N/A
5.24	Lateral Ditch Cross Sections		EA	0	0		0	N/A
5.25	Retention/Detention Ponds Detail Sheet		Sheet	0	0	0	0	N/A
5.26	Retention Pond Cross Sections		EA	0	0		0	N/A
5.27	Cross-Section Pattern Sheet		Sheet	0	0	0	0	N/A
5.28	Roadway Soil Survey Sheet		Sheet	0	0	0	0	. N/A
5.29	Cross Sections		EA	100	1.75		175	Update Cross Sections sheets.
5.30	Temporary Traffic Control Plan Sheets		Sheet	0	0	0	0	N/A
5.31	Temporary Traffic Control Cross Section Sheets		EA	0	0		0	N/A
5.32	Temporary Traffic Control Detail Sheets		Sheet	0	0	0	0	N/A
5.33	Utility Adjustment Sheets		Sheet	0	0	0	0	N/A
5.34	Side Street/Driveway Profiles		EA	80	2	80	160	Update 65% complete profiles
			5. Ro	adway Pl	ans Total	111	500 🗸	

Estimator: BA

Old Dixie Highway from Yamato Road to Linton Boulevard 2014500

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6.1	Determine Base Clearance Water Elevation	Per Basin	0	0 .	0	N/A
6.2	Pond Siting Analysis and Report	Per Basin	1	18	18	Update PSR to relocate pond in Basin 2
6.3	Design of Cross Drains	EA	0	0	0	N/A
6.4	Design of Ditches	Per Ditch Mile	0	0	0	updates included in 6.5
	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	2	32	64	Update Basin 2 for new pond location and revised typical section (40hrs) update Basin 3 for revised typical section (24 hours)
6.6	Design of Stormwater Management Facility (Roadside Ditch as Linear Pond)	Per Cell	0	0	0	·
6.7	Design of Flood Plain Compensation	Per Flood-plain Basin	0	0	0	N/A
6.8	Design of Storm Drains	EA	67	1	67	Revise conveyeance system for limits of typical section change and for new pond location
6.9	Optional Culvert Material	LS	0	0	0	N/A
6.10	French Drain Systems	Per Cell	1	8	8	Update FD calculations for new typical
6.11	Drainage Wells	EA	0	0	0	N/A
6.12	Drainage Design Documentation Report	LS	1	18	18	update report
6.13	Bridge Hydraulic Report	EA	1	0	0	
6.14	Temporary Drainage Analysis	LS	0	0	0	N/A
6.15	Cost Estimate	LS	0	0	0	N/A
6.16	Technical Special Provisions	LS	0	0	0	N/A
6.17	Other Drainage Analysis	LS	0	0	0	N/A
		Drainage Analysis T	echnical	Subtotal	175 🗸	

Project Activity 6: Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6.18	Field Reviews	LS	1	0	0	
6.19	Technical Meetings	LS	1	3	3	Meetings are listed below
	Drai	nage Analysis No	ntechnical	Subtotal	3	
		6. Drai	nage Analy	sis Total	178 🗸	

Base Clearance Water Elevation	EA	0	0	0
Pond Siting	EA	1	3	3
Agency	EA	0	0	0
Local Governments (cities, counties)	EA	0	0	0
FDOT Drainage	EA	0	0	0
Other Meetings	EA	0	0	0
Subtotal Technical Meetings		1		3
Progress Meetings (if required)	EA	0	0	0
Phase Review Meetings	EA	0	0	0

SUPPLEMENTAL 2

Old Dixie Highway (Yamato Rd to Linton Blvd) COUNTY PROJECT NO. 2014500

SIGNING AND PAVEMENT MARKING SCOPE OF SERVICES

PROJECT DESCRIPTION

Services shall include REVISING the signing and pavement marking plans for Dixie Highway due to changing the road typical section by changing the striped median width from 10' to 11' starting at Coventry Street to the end of the project.

BASIC SERVICES

Revise affected sheets, total of 21 sheets.

Dixie Hwy Scope of Services



Supplemental 2 Old Dixie Hwy

Summary of fee proposal County project number 2014500

Engineers • Planners • Surveyors

	SENIOR ENGIN	EER	PROJECT	MANAGER	PROJECT I	ENGINEER	ENGINEE	R INTERN	CADD T	ECHNICIAN	Total	Total COST BY ACTIVITY
ACTIVITY	STAFF HOURS	HR. RATE	STAFF HRS. ACTIVITY									
- Signing and pavement markin	0.00	\$ 49.00	6.30	\$ 48.00	18.90	\$ 40.00	18.90	\$ 27.00	18.90	\$ 24.00	63.00	2,022.30
				-								
TOTAL Basic Services	0.00	✓	6.30	✓	18.90	V	18.90	V	18.90	V	63.00	\$ 2,022.30

HSQ FEE CALCULATIONS

Type of services	Cost by activity	Overhead multiplier	Overhead cost	Subtotal (cost by activity + overhead cost)	Profit (%)	subtotal profit	TOTAL	
Basic services (HSQ)	\$ 2,022.30 🗸	156.42%	\$ 3,163.28	\$ 5,185.58 🗸	12.00%	\$ 622.27	\$ 5,807.85	/

2.8719 Multiplier 🗸

			Exhibit B - Page 9 of 9			
1 - Signing and pavement marking	BASIS OF ESTIMATE	NO. OF	HOURS/	NO OF	TOTAL HOURS	REMARKS
Revise the 65% Plan Sheets	Sheet	21	3	SHEETS	63	REIGHTAN
TOTAL				-	63 \	/

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

SOLICITATION/PROJECT/BID NAME: Old	SOLICITA	SOLICITATION/PROJECT/BID No.: Project 2014500 ADDRESS: 2041 Vista Parkway, Suite 101, West Palm Beach, FL 33411							
NAME OF PRIME RESPONDENT/BIDDER:	ADDRES								
CONTACT PERSON: Christopher N. O'Reilly, PE					PHONE NO.: _ ⁵⁶¹⁻²⁵³⁻⁹⁵⁶³			E-MAIL: corellly@acp-fl.com	
SOLICITATION OPENING/SUBMITTAL DAT		DEPARTMENT: Department of Engineering and Public Works							
PLEASE LIST THE DOLLAR AMOUNT PLEASE ALSO LIST THE DOLLAR AM PROJECT.	Γ OR PERCEI	NTAGE OF WO	ORK TO BE C	OMPLETED BY TO BE COMPLETE	HE <u>PRIME CONTI</u> D BÝ ALL SUBCON	RACTOR/C	ONSULTANT ON S/SUBCONSULT	THIS PROJECT. ANTS ON THE	
	•	ck all Applicable Cate	•						
	Non-SBE	M/WBE	<u>SBE</u>		<u>DOLLAR AMOUN</u>	NT OR PERCEN	R PERCENTAGE OF WORK		
Name, Address and Phone Number	and the state of t	Minority/Women Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)	
HSQ Group, Inc. 1489 West Palmetto Park Road, Suite 340 Booa Raton, FL 33486 561-392-0221			V		\$5,807.85	- mindistrace menorane		The Miller of Commission of the Commission of th	
American Consulting Engineers of Florida, LLC 2041 Vista Parkway, Suite 101 West Palm Beach, FL 33411 561-253-9563	V							\$157,499.55 ———	
3.									
4.				-					
5.					**************************************				
(Please use additional sheets if necessary)			Total		\$5,807.85			\$157,499.55	
Total Bid Price \$ 163,307.40			Total SBE	- M/WBE Participation	\$5,807.85 (3.56%)			
I hereby certify that the above information is accurate to the best of my knowledge:			E. Gayle Grad Grad Grad Grad Grad Grad Grad Grad				Principal / Managing Member		
	,	Signature				Title			

Not

- 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
- 3. Modification of this form is not permitted and will be rejected upon submittal.

All Subcontractors/subconsultants, including any tiered

OEBO LETTER OF INTENT - SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. 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: 2014500 SOLICITATION/PROJECT NAME: Old Dixie Highway from Yamato Road to Linton Boulevard Prime Contractor: American Consulting Engineers of Florida, LLC Subcontractor: HSQ Group, Inc. (Check box(s) that apply) Date of Palm Beach County Certification (if applicable): 3/13/18-3/12/21 ☑SBE □WBE □MBE □M/WBE □Non-S/M/WBE The undersigned affirms they are the following (select one from each column if applicable): Column 1 Column 3 Column 2 ☑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 Total Price/Percentage **Item Description Unit Price** Quantity/ Contingencies/ Item Units **Allowances** 1 Signing and pavement marking \$5,807.85 / 100% 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: \$5,807.85 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 American Consulting Engineers of Florida, LLC HSQ Group, Inc. Print Name of Prime Print Name of Subcontractor/subconsultant E. Gayle Grady NOUR Shehadeh Authorized Signature Authorized Signature Nour Shehadeh, P.E E,. Gayle Grady, PE **Print Name** Print Name Principal / Managing Member Vice President

Title

Date:

Date: 8/28/20

Revised 09/17/2019

