

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

Meeting Date:	November 19, 2019	<input checked="" type="checkbox"/>	Consent	<input type="checkbox"/>	Regular
		<input type="checkbox"/>	Workshop	<input type="checkbox"/>	Public Hearing

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

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a work task order to the intersection improvements annual contract (R2017-0778) dated June 20, 2017 with Bolton Perez and Associates, Inc., (BPA) in the amount of \$120,054.10 for professional services for the Lake Ida Road and Hagen Ranch Road Intersection Improvements (Project).

SUMMARY: Approval of this work task order will provide the design services necessary for the project. The project will revise the receiving lanes for the existing southbound to eastbound left turn movement by converting the east bound right turn lane to provide two through lanes east of the intersection. The Goal Setting Committee set a 20% mandatory Small Business Enterprise (SBE) subcontracting goal as the Affirmative Procurement Initiative for the contract on February 6, 2019. BPA proposed 14.31% SBE participation for this work task order. Their cumulative SBE participation to date including this work task order is 22%. BPA is a Palm Beach County (County) based company. District 5 (YBH)

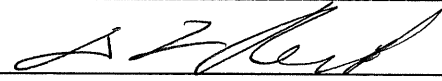
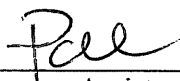
Background and Justification: On June 20, 2017, the Board of County Commissioners (BCC) approved the contract (R2017-0778) with BPA to provide professional services required for intersection improvements throughout the County. The fee, as detailed in **Exhibit B** of the attached work task order, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$ 99,855.61	(Roadway Analysis and Plans, Drainage Analysis, Utilities, Environmental Permits, Signing and Pavement Marking Analysis and Plans, Signalization Analysis and Plans).
Reimbursable Services (Not to Exceed)	\$ 17,671.02	(Permit Fees and Survey)
Optional Services (Not to Exceed)	<u>\$ 2,527.47</u>	(Post Design Services)
Total:	\$120,054.10	

After reviewing the attached work task order for professional services and finding it in proper order, the Engineering Department recommends BCC approval.

Attachments:

1. Location Sketch
2. Work Task Order with Exhibits A, B and C and Certificate of Insurance (2)

<i>YBH</i> Recommended by: <i>YBH/TEL</i>		
	County Engineer	Date
Approved By: <i>Paal</i>		<i>10/29/19</i>
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. **Five Year Summary of Fiscal Impact:**

Fiscal Years	2020	2021	2022	2023	2024
Capital Expenditures	\$168,078	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$168,078	-0-	-0-	-0-	-0-
# ADDITIONAL FTE					
POSITIONS (Cumulative)					

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

Budget Account No:

Fund 3505 Dept 361 Unit 1922 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee-Zone 5 Fund
Lake Ida Rd and Hagen Ranch Rd Intersection Improvements

Basic Services	\$ 99,855.61
Reimbursables	\$ 17,671.02
Optional Services	\$ 2,527.47
Total Task Authorization	\$ 120,054.10
Staff Costs -	
Roadway Production	\$ 24,011.00
Right of Way	\$ 6,003.00
Survey	\$ 6,003.00
Traffic	\$ 12,006.00
Fiscal Impact	\$ 168,077.10

C. Departmental Fiscal Review: *Aliipkoralama*

III. REVIEW COMMENTS

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

[Signature] 10/22/19
10/22 OFMB DC 10/21 ASD 10/22

[Signature] for Susan Finckelstein
Contract Dev. and Control
10/25/19 TW

B. Approved as to Form and Legal Sufficiency:

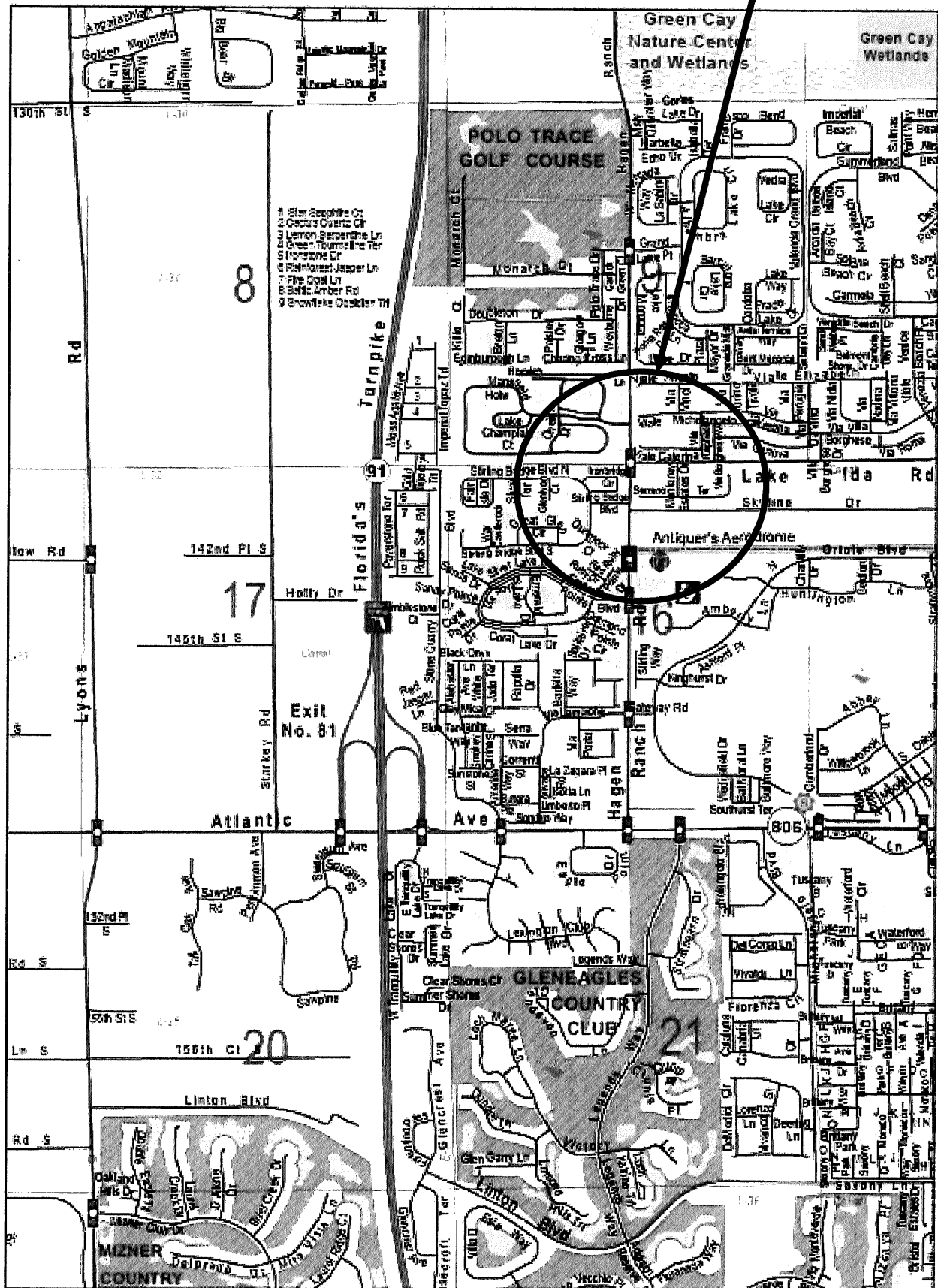
[Signature]
Assistant County Attorney

C. Other Department Review:

Department Director

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

Lake Ida Road and Hagen Ranch Road
Intersection Improvements
Palm Beach County Project No. 2019107



LOCATION SKETCH N ↑

**WORK TASK ORDER TO THE
ANNUAL INTERSECTION IMPROVEMENTS PROFESSIONAL
SERVICES CONTRACT
BY AND BETWEEN PALM BEACH COUNTY
AND BOLTON PEREZ AND ASSOCIATES FOR
LAKE IDA ROAD AND HAGEN RANCH ROAD
INTERSECTION IMPROVEMENTS
PROJECT # 2019107**

This Work Task Order to the Contract for Annual Professional Services (R2017-0778), dated June 20, 2017 (ANNUAL 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 Bolton Perez and Associates, 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 (R2017-0778); as amended on May 1, 2018 (R2018-0634), January 15, 2019 (R2019-0020) and June 4, 2019 (R2019-0711); and

WHEREAS, the COUNTY intends to provide intersection improvements at **Lake Ida Road and Hagen Ranch Road Intersection Improvements**, Project No. **2019107** (PROJECT); and

WHEREAS, the COUNTY desires the CONSULTANT to perform design 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 \$99,855.61
Reimbursable Expenses capped at \$17,671.02
Optional Services capped at \$2,527.47
Totaling **\$120,054.10**

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:

1. The above recitals are true and correct and are incorporated herein.
2. The following Exhibits are attached to and made a part of this Work Task Order.
 - a. **Exhibit A** - Scope of Work including Work Schedule
 - b. **Exhibit B** - Fee Schedule
 - c. **Exhibit C** – EBO Schedules 1 and 2
3. The COUNTY agrees to pay the CONSULTANT a fee of One Hundred Twenty Thousand, Fifty-Four Dollars and Ten Cents (\$120,054.10) for this Work Task Order.

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 the PROJECT 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:

CONSULTANT:
Bolton Perez & Associates, Inc.

BY: _____
Mayor

BY: Joaquin Perez
Joaquin Perez, P.E. President
CORPORATE SEAL
Bolton Perez & Associates, Inc.
SEAL
1997
FLORIDA

SEAL

CORPORATE SEAL

ATTEST:
Sharon R. Bock, Clerk & Comptroller
Circuit Court

ATTEST WITNESS:

BY: _____
(Deputy Clerk)

BY: VIVIAN NAVARRO
(Print Name)

Vivian Navarro
(Signature)

APPROVED AS TO TERMS AND CONDITIONS:

BY: SUSANA GARCIA
(Print Name)

[Signature]
(Signature)

[Signature]
BY: Omelio A. Fernandez
Omelio A. Fernandez, P.E.
Director of Roadway Production

APPROVED AS TO FORM & LEGAL SUFFICIENCY:

BY: YBH [Signature]
Yelizaveta B. Herman,
Assistant County Attorney



APPROVED

Jandra Milam (Lynn) 9/5/19
ZC/ry - L 9/5/19
Separate
day

SCOPE OF SERVICES

**PBC Project Number 2019107
 Lake Ida Rd. and Hagen Ranch Rd. Intersection Improvement**

The subject project consists of survey, civil engineering and permitting at the intersection of Lake Ida Road and Hagen Ranch Road.

Bolton Perez and Associates, Inc. will provide Palm Beach County the required engineering services to develop final contract documents, including plans, specifications, quantities and construction cost estimates for the Lake Ida Rd. and Hagen Ranch Rd. intersection improvement as follows:

- Revise the receiving lanes for the existing southbound to eastbound left turn movement to eliminate the right turn and provide two through lanes east of the intersection.
- Begin a merge east of the entrance to Monterrey Estates Drive with a total length of approximately 1200'.
- Reset the existing guardrail to the newly constructed face of curb.
- Evaluate the replacement of the existing ADA ramp in the SE quadrant with a properly aligned, ADA compliant ramp. This may require a reduction of the return radius to correct a lateral deflection deficiency of the existing guardrail.
- Mill and resurface Lake Ida Road within the construction limits.
- Provide signing and pavement markings (for informational purposes only) for the entire resurfaced limits.
- Utility coordination
- Permit coordination. Anticipated permits required include South Florida Water Management District ERP and Lake Worth Drainage District RW Occupancy.
- Land and engineering surveying, to be provided from Hagen Ranch Rd to east of Villa Borghese and as required to design the proposed improvements.
- Evaluate if 4' bike lanes can be added throughout the length of the project by narrowing the existing median and/or the existing through lanes (to 11' minimum).

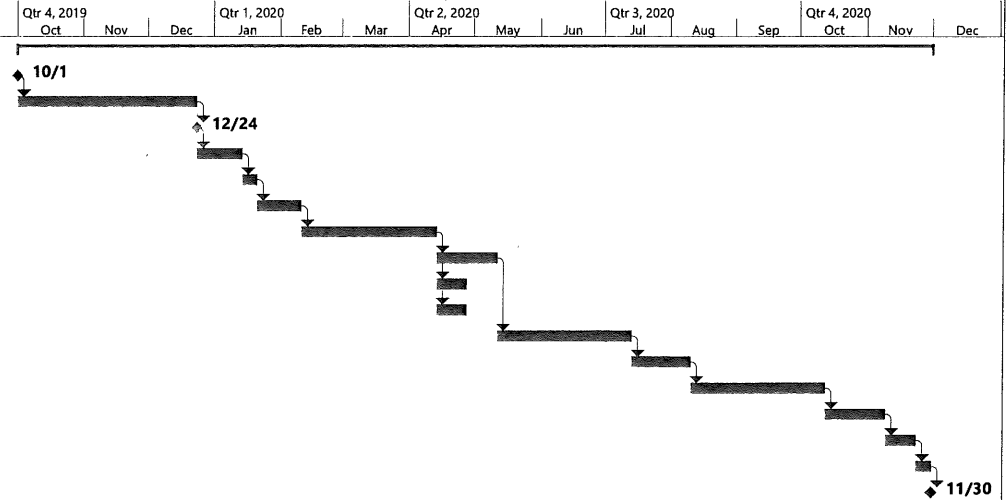
Optional Services: We have allotted 20 hours of post design services to attend pre-bid and pre-construction meetings, RFIs, shop drawing reviews and other services as requested.

Basic Services	Reimbursable Services	Optional Services
Master Plan and Typical Section		Post Design Support
Phase I (35%) Plans	Design Survey	
Phase II (65%) Plans		
Phase III (96%)		
Phase IV (100%)	Permits	

8/19/19
 rev 8/29/19

Project Schedule
 Lake Ida Road and Hagen Ranch Road Intersection Improvements
 PBC Project No. 2019107

ID	Task Name	Duration	Start	Finish	Predecessor	Timeline											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
0	Schedule_Lake Ida@Hagen Ranch					[Gantt Chart Header]											
1	Notice to Proceed	0 days	Tue 10/1/19	Tue 10/1/19		[Gantt Chart Bar 1]											
2	Design Survey	60 days	Tue 10/1/19	Mon 12/23/19	1	[Gantt Chart Bar 2]											
3	Submit Design Survey for PBC Review	0 days	Tue 12/24/19	Tue 12/24/19	2	[Gantt Chart Bar 3]											
4	PBC Review Design Survey	15 days	Tue 12/24/19	Mon 1/13/20	3	[Gantt Chart Bar 4]											
5	Revise and Resubmit Design Survey	5 days	Tue 1/14/20	Mon 1/20/20	4	[Gantt Chart Bar 5]											
6	PBC Review and Approve Design Survey	15 days	Tue 1/21/20	Mon 2/10/20	5	[Gantt Chart Bar 6]											
7	Prepare and Submit Phase I (35% Plans)	45 days	Tue 2/11/20	Mon 4/13/20	6	[Gantt Chart Bar 7]											
8	County Review Phase I Plans	20 days	Tue 4/14/20	Mon 5/11/20	7	[Gantt Chart Bar 8]											
9	Perform Geotechnical Investigation (Soil Borings)	10 days	Tue 4/14/20	Mon 4/27/20	7	[Gantt Chart Bar 9]											
10	Perform Subsurface Utility Exploration (SUE)	10 days	Tue 4/14/20	Mon 4/27/20	7	[Gantt Chart Bar 10]											
11	Prepare and Submit Phase II (65% Plans)	45 days	Tue 5/12/20	Mon 7/13/20	8	[Gantt Chart Bar 11]											
12	County Review Phase II Plans	20 days	Tue 7/14/20	Mon 8/10/20	11	[Gantt Chart Bar 12]											
13	Prepare and Submit Phase III (96%) Plans	45 days	Tue 8/11/20	Mon 10/12/20	12	[Gantt Chart Bar 13]											
14	County Review Phase III Plans	20 days	Tue 10/13/20	Mon 11/9/20	13	[Gantt Chart Bar 14]											
15	Prepare and Submit Phase IV (100%) Plans	10 days	Tue 11/10/20	Mon 11/23/20	14	[Gantt Chart Bar 15]											
16	County Review Phase IV Plans	5 days	Tue 11/24/20	Mon 11/30/20	15	[Gantt Chart Bar 16]											
17	Submit Final Plans	0 days	Mon 11/30/20	Mon 11/30/20	16	[Gantt Chart Bar 17]											



ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:
County:
Palm Beach County Project Number
FAP No.:

Lake Ida Rd. and Hagen Ranch Rd. Intersection Improvements
Palm Beach
2019107
NA

Consultant Name: **Bolton Perez and Associates, Inc.**
Consultant No.: enter consultants proj. number
Date: **rev 8/29/19**
Estimator: **Luis Costa, PE**

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Chief Engineer	Senior Engineer	Senior Project Engineer	Engineer	Engineer Intern	Designer	CADD / Technician	Staff Classification 9	SH	Salary	Average
		By Activity	By Activity	By Activity	By Activity	By Activity	By Activity	By Activity	By Activity	By Activity	By Activity	By Activity	By Activity
4. Roadway Analysis	244 ✓	25	12	24	49	49	49	24	12	0	244	\$30,857.14	\$126.46
5. Roadway Plans	258 ✓	24	13	26	52	52	52	26	13	0	258	\$32,446.61	\$125.76
6a. Drainage Analysis	40 ✓	4	2	4	8	8	8	4	2	0	40	\$5,054.94	\$126.37
7. Utilities	28 ✓	3	1	3	6	6	6	3	0	0	28	\$3,598.70	\$128.53
8. Environmental Permits, Compliance & Clearances	116 ✓	12	6	12	23	23	23	12	5	0	116	\$14,790.47	\$127.50
19. Signing & Pavement Marking Analysis	34 ✓	3	2	3	7	7	7	3	2	0	34	\$4,253.86	\$125.11
20. Signing & Pavement Marking Plans	24 ✓	2	1	2	5	5	5	2	2	0	24	\$2,901.82	\$120.91
21. Signalization Analysis	30 ✓	3	2	3	6	6	6	3	1	0	30	\$3,879.51	\$129.32
22. Signalization Plans	18 ✓	2	1	2	3	3	3	0	2	0	18	\$2,072.56	\$129.54
Total Staff Hours	790	78	40	79	159	159	159	77	39	0	790		
Total Staff Cost		\$16,009.50	\$9,148.40	\$14,314.80	\$22,088.28	\$16,326.12	\$12,823.35	\$7,113.26	\$2,031.90	\$0.00		\$99,855.61	\$126.40

Check = \$99,855.61

Optional Services

Roadway Post Design Services	20	2	1	2	4	4	4	2	1	0	20	\$2,527.47	\$126.37
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2.8468 Multiplier

Contract Multiplier is 2.8468 (Rates shown are Burdened): \$99,855.61
Basic Services
 Salary Related Costs: \$99,855.61 ✓
Subtotal Basic Services: \$99,855.61
Reimbursables:
 Brown and Phillips, Inc. SURVEY Subconsultant: \$17,181.02 ✓
 Permits: SFWMD General Permit Verification Fee \$250.00 ✓
 LWDD Permit Modification Fee \$240.00 ✓
Subtotal Reimbursables: \$17,671.02
Optional Services:
 Post Design Services \$2,527.47 ✓
GRAND TOTAL ESTIMATED FEE: \$120,054.10

Roadway Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Typical Section Package	LS	1	4	4	Submittal for County approval
4.2	Pavement Type Selection Report	LS	1	0	0	
4.3	Pavement Design Package	LS	1	0	0	
4.4	Cross-Slope Correction	LS	1	0	0	
4.5	Horizontal /Vertical Master Design Files	LS	1	100	100	Lower range project 200 hrs/mile x 0.5 miles (along Lake Ida Rd) = 100 hrs
4.6	Access Management	LS	1	0	0	
4.7	Roundabout Evaluation	LS	1	0	0	
4.8	Roundabout Final Design Analysis	LS	1	0	0	
4.9	Cross Section Design Files	LS	1	48	48	
4.10	Traffic Control Analysis	LS	1	0	0	NA
4.11	Master TCP Design Files	LS	1	0	0	NA
4.12	Selective Clearing and Grubbing	LS	1	0	0	
4.13	Tree Dispostion Plan	LS	1	0	0	
4.14	Design Variations and Exceptions	LS	1	0	0	NA
4.15	Design Report	LS	1	0	0	
4.16	Quantities	LS	1	48	48	Computation Book
4.17	Cost Estimate	LS	1	28	28	
4.18	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
4.19	Other Roadway Analyses	LS	1	0	0	
Roadway Analysis Technical Subtotal					228	

Roadway Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.20	Field Reviews	LS	1	8	8	2 people at 4 hrs each
4.21	Monitor Existing Structures	LS	1	0	0	NA
4.22	Technical Meetings	LS	1	8	8	Meetings are listed below
4.23	Quality Assurance/Quality Control	LS	%	0%	0	
4.24	Independent Peer Review	LS	%	0%	0	
4.25	Supervision	LS	%	0%	0	
Roadway Analysis Nontechnical Subtotal					16	
4.26	Coordination	LS	%	0%	0	
4. Roadway Analysis Total					244 ✓	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
Typical Section	EA	0	0	0		0
Pavement	EA	0	0	0		0
Masterplan	EA	0	0	0		0
15% Line and Grade	EA	0	0	0		0
Driveways	EA	1	4	4		0
Local Governments	EA	1	4	4		0
Work Zone Traffic Control	EA	0	0	0		0
30/60/90/100% Comment Review Meetings	EA	0	0	0		0
Other Meetings	EA	0	0	0		0
Subtotal Technical Meetings				8	Subtotal Project Manager Meetings	0
Progress Meetings	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>	--
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>	--
Total Meetings				8	Total Project Manager Meetings (carries to Tab 3)	0

Carries to 4.17

Carries to Tab 3

Roadway Plans

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Key Sheet		Sheet	1	4	4	
5.2	Summary of Pay Items Including Quantity Input		Sheet	1	12	12	
5.3	Typical Section Sheets						
5.3.1	Typical Sections		EA	1	4	4	
5.3.2	Typical Section Details		EA	1	4	4	
5.4	General Notes/Pay Item Notes		Sheet	1	8	8	
5.5	Summary of Quantities Sheets		Sheet	1	16	16	
5.6	Project Layout		Sheet	0	0	0	
5.7	Plan/Profile Sheet		Sheet	5	16	80	
5.8	Profile Sheet		Sheet	0	0	0	
5.9	Plan Sheet		Sheet	0	0	0	
5.10	Special Profile		Sheet	0	0	0	
5.11	Back-of-Sidewalk Profile Sheet		Sheet	0	0	0	
5.12	Interchange Layout Sheet		Sheet	0	0	0	
5.13	Ramp Terminal Details (Plan View)		Sheet	0	0	0	
5.14	Intersection Layout Details		Sheet	1	16	16	
5.15	Special Details		EA	1	8	8	

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Roadway Plans

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.16	Cross-Section Pattern Sheet(s)		Sheet	0	0	0	
5.17	Roadway Soil Survey Sheet(s)		Sheet	1	1	1	
5.18	Cross Sections		EA	48	2	96	
5.19	Temporary Traffic Control Plan Sheets		Sheet	0	0	0	
5.20	Temporary Traffic Control Cross Section Sheets		EA	0	0	0	
5.21	Temporary Traffic Control Detail Sheets		Sheet	0	0	0	
5.22	Utility Adjustment Sheets		Sheet	0	0	0	
5.23	Selective Clearing and Grubbing Sheet(s)						
5.23.1	Selective Clearing and Grubbing		Sheet	0	0	0	
5.23.2	Selective Clearing and Grubbing Details		Sheet	0	0	0	
5.24	Tree Disposition Sheet(s)						
5.24.1	Tree Disposition Plan Sheet(s)		Sheet	0	0	0	
5.24.2	Tree Disposition Plan Tables and Schedules		Sheet	0	0	0	
5.25	Project Network Control Sheet(s)		Sheet	1	1	1	
5.26	Environmental Detail Sheets		Sheet	0	0	0	
5.27	Utility Verification Sheet(s) (SUE Data)		Sheet	1	8	8	
Roadway Plans Technical Subtotal						258 ✓	
5.28	Quality Assurance/Quality Control		LS	%	0%	0	
5.29	Supervision		LS	%	0%	0	
5. Roadway Plans Total						258 ✓	

Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.1	Drainage Map Hydrology	Per Map	0	0	0	
6a.2	Base Clearance Calculations	Per Location	0	0	0	
6a.3	Pond Siting Analysis and Report	Per Basin	0	0	0	
6a.4	Design of Cross Drains	EA	0	0	0	
6a.5	Design of Ditches	Per Ditch Mile	0	0	0	
6a.6	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	0	0	0	
6a.7	Design of Stormwater Management Facility (Roadside Treatment Swales and Linear Ponds)	Per Cell	0	0	0	
6a.8	Design of Floodplain Compensation	Per Floodplain Basin	0	0	0	
6a.9	Design of Storm Drains	EA	0	0	0	
6a.10	Optional Culvert Material	EA	0	0	0	
6a.11	French Drain Systems	Per Cell	0	0	0	
6a.11.a	Existing French Drain Systems	Per Cell	0	0	0	
6a.12	Drainage Wells	EA	0	0	0	
6a.13	Drainage Design Documentation Report	LS	1	40	40	Documentation of spread analysis; research existing drainage system; verify no impacts to drainage system
6a.14	Bridge Hydraulic Report	EA	0	0	0	
6a.15	Temporary Drainage Analysis	LS	1	0	0	
6a.16	Cost Estimate	LS	1	0	0	
6a.17	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
6a.18	Hydroplaning Analysis	LS	1	0	0	
6a.19	Existing Permit Analysis	LS	1	0	0	
6a.20	Other Drainage Analysis	LS	1	0	0	Spread Analysis
Drainage Analysis Technical Subtotal					40	

Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.21	Field Reviews	LS	1	0	0	
6a.22	Technical Meetings	LS	1	0	0	Meetings are listed below
6a.23	Environmental Look-Around (ELA) Meeting	LS	1	0	0	
6a.24	Quality Assurance/Quality Control	LS	%	0%	0	
6a.25	Independent Peer Review	LS	%	0%	0	
6a.26	Supervision	LS	%	0%	0	
Drainage Analysis Nontechnical Subtotal					0	
6a.27	Coordination	LS	%	0%	0	
6a. Drainage Analysis Total					40	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Base Clearance Water Elevation	EA	0	0	0			0
Pond Siting	EA	0	0	0			0
Agency	EA	0	0	0			0
Local Governments (cities, counties)	EA	0	0	0			0
PBC Drainage	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				0			0
Progress Meetings (If required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>		--
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>		--
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		0

Carries to 6.19

Carries to Tab 3

Utilities

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7.1	Utility Kickoff Meeting	LS	1	0	0	NA
7.2	Identify Existing Utility Agency Owners (UAO(s))	LS	1	8	8	1 hour per UAO x 8 (Sunshine 811)
7.3	Make Utility Contacts	LS	1	0	0	By PBC
7.4	Exception Processing	LS	1	0	0	
7.5	Preliminary Utility Meeting	LS	1	0	0	NA
7.6	Individual/Field Meetings	LS	1	0	0	Assume 5 UAOs
7.7	Collect and Review Plans and Data from UAO(s)	LS	1	8	8	
7.8	Subordination of Easements Coordination	LS	1	0	0	
7.9	Utility Design Meeting	LS	1	0	0	NA
7.10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	1	0	0	
7.11	Utility Coordination/Followup	LS	1	4	4	
7.12	Utility Constructability Review	LS	1	8	8	
7.13	Additional Utility Services	LS	1	0	0	
7.14	Processing Utility Work by Highway Contractor (UWHC)	LS	1	0	0	
7.15	Contract Plans to UAO(s)	LS	1	0	0	
7.16	Certification/Close-Out	LS	1	0	0	
7.17	Other Utilities	LS	1	0	0	
7. Utilities Total					28	

Utilities

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
Kickoff (see 7.1)	EA	0	0	0		0
Preliminary Meeting (see 7.5)	EA	0	0	0		0
Individual UAO Meetings (see 7.6)	EA	0	0	0		0
Field Meetings (see 7.6)	EA	0	0	0		0
Design Meeting (see 7.9)	EA	0	0	0		0
Other Meetings (this is automatically added into Utilities Total (cell F27))	EA	0	0	0		0
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)	0

Carries to Tab 3

Environmental Permits

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
Environmental Permits, Compliances and Clearances						
8.1	Preliminary Project Research	LS	1	8	8	Identify permitting requirements; research existing permits
Permits						
8.2	Field Work					
8.2.1	Pond Site Alternatives	per pond site	0	0	0	
8.2.2	Establish Wetland Jurisdictional Lines and Assessments	LS	1	0	0	
8.2.3	Species Surveys	LS	1	0	0	
8.2.4	Archeological Surveys	LS	1	0	0	
8.3	Agency Verification of Wetland Data	LS	1	0	0	
8.4	Complete And Submit All Required Permit Applications					
8.4.1	Complete and Submit All Required Wetland Permit Applications	LS	1	72	72	SFWMD ERP Modification (48), LWDD (24)
8.4.2	Complete and Submit All Required Species Permit Applications	LS	1	0	0	
8.5	Prepare Dredge and Fill Sketches (as needed)	LS	1	0	0	
8.6	Prepare USCG Permit Sketches	LS	1	0	0	
8.7	Prepare Water Management District Right-of-Way Occupancy Permit	LS	1	24	24	LWDD
8.8	Prepare Coastal Construction Control Line (CCCL) Permit Application	LS	1	0	0	
8.9	Prepare Tree Permit Information	LS	1	0	0	
8.10	Mitigation Design	LS	1	0	0	
8.11	Mitigation Coordination and Meetings	LS	1	0	0	
8.12	Other Environmental Permits	LS	1	0	0	
Environmental Clearances/Reevaluations						
8.13	Technical support to Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)					
8.13.1	NEPA or SEIR Reevaluation	LS	1	0	0	

Environmental Permits

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
8.13.2	Archaeological and Historical Features	LS	1	0	0	
8.13.3	Wetland Impact Analysis	LS	1	0	0	
8.13.4	Essential Fish Habitat	LS	1	0	0	
8.13.5	Wildlife and Habitat Impact Analysis	LS	1	0	0	
8.13.6	Section 7 or Section 10 Consultation	LS	1	0	0	
8.14	Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)					
8.14.1	NEPA or SEIR Reevaluation	LS	1	0	0	
8.14.2	Archaeological and Historical Features	LS	1	0	0	
8.14.3	Wetland Impact Analysis	LS	1	0	0	
8.14.4	Essential Fish Habitat	LS	1	0	0	
8.14.5	Wildlife and Habitat Impact Analysis	LS	1	0	0	
8.14.6	Section 7 or Section 10 Consultation	LS	1	0	0	
8.15	Contamination Impact Analysis	LS	1	0	0	
8.16	Asbestos Survey	LS	1	0	0	
Environmental Permits, Compliance, and Clearances/Reevaluations Technical Subtotal					104 ✓	
8.17	Technical Meetings	LS	1	12	12	Meetings are listed below
8.18	Quality Assurance/Quality Control	LS	%	0%	0	
8.19	Supervision	LS	%	0%	0	
Environmental Permits, Compliance and Clearances Nontechnical Subtotal					12 ✓	
8.20	Coordination	LS	%	0%	0	
8. Environmental Permits, Compliance and Clearances Total					116 ✓	

Environmental Permits

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments	
	Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
	WMD (SFWMD, LWDD)	EA	2	4	8	yes	1
	NMFS	EA	0	0	0		0
	USACE	EA	0	0	0		0
	USCG	EA	0	0	0		0
	USFWS	EA	0	0	0		0
	FFWCC	EA	0	0	0		0
	FDOT	EA	0	0	0		0
	Other Meetings (PBC ERM)	EA	1	4	4		0
	Subtotal Technical Meetings				12	Subtotal Project Manager Meetings	1
	Progress Meetings (if required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>	--
	Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>	--
	Total Meetings				12	Total Project Manager Meetings (carries to Tab 3)	1

Carries to 8.18

Carries to Tab 3

Signing and Pavement Marking Analysis

Task No.		Units	No. of Units	Hours/ Units	Total Hours	Comments
19.1	Traffic Data Analysis	LS	1	0	0	
19.3	Reference and Master Design File	LS	1	30	30	FOR INFORMATIONAL PURPOSES ONLY (30 hrs)
19.4	Multi-Post Sign Support Calculations	EA	1	0	0	
19.5	Sign Panel Design Analysis	EA	1	0	0	
19.6	Sign Lighting/Electrical Calculations	EA	1	0	0	
19.7	Quantities	LS	1	0	0	
19.8	Cost Estimate	LS	1	0	0	
19.9	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
19.10	Other Signing and Pavement Marking	LS	1	0	0	
Signing and Pavement Marking Analysis Technical Subtotal					30	
19.11	Field Reviews	LS	1	4	4	
19.12	Technical Meetings	LS	1	0	0	Meetings are listed below
19.13	Quality Assurance/Quality Control	LS	%	0%	0	
19.14	Independent Peer Review	LS	%	0%	0	
19.15	Supervision	LS	%	0%	0	
Signing and Pavement Marking Analysis Nontechnical Subtotal					4	
19.16	Coordination	LS	%	0%	0	
19. Signing and Pavement Marking Analysis Total					34	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
Sign Panel Design	EA	0	0	0		0
Queue Length Analysis	EA	0	0	0		0
Local Governments (cities, counties)	EA	0	0	0		0
Other Meetings	EA	0	0	0		0
Subtotal Technical Meetings				0		0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3	--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3	--
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)	0

Signing and Pavement Marking Plans

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
20.1	Key Sheet		Sheet	1	4	1	4 ✓	
20.2	Summary of Pay Items Including TRNS-Port Input		LS	1	0		0 ✓	
20.3	Tabulation of Quantities		Sheet	1	8	1	8 ✓	
20.4	General Notes/Pay Item Notes		Sheet	1	4	1	4 ✓	
20.5	Project Layout		Sheet	0	0	0	0 ✓	
20.6	Plan Sheet		Sheet	2	4	2	8 ✓	
20.7	Typical Details		EA	0	0		0	
20.8	Guide Sign Worksheet(s)		EA	0	0		0	
20.9	Traffic Monitoring Site		EA	0	0		0	
20.10	Cross Sections		EA	0	0		0	
20.11	Special Service Point Details		EA	0	0		0	
20.12	Special Details		LS	1	0		0	
20.13	Interim Standards		LS	1	0		0	
Signing and Pavement Marking Plans Technical Subtotal						5	24 ✓	
20.14	Quality Assurance/Quality Control		LS	%	0%		0	
20.15	Supervision		LS	%	0%		0	
20. Signing and Pavement Marking Plans Total						5	24	

Signalization Analysis

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	
21.3	Signal Warrant Study	LS	1	0	0	
21.4	System Timings	LS	1	0	0	
21.5	Reference and Master Signalization Design File	PI	1	22	22	low level, relocate or replace pedestrian signal head with recall button; adjust signal pull boxes
21.6	Reference and Master Interconnect Communication Design File	LS	1	0	0	
21.7	Overhead Street Name Sign Design	EA	0	0	0	
21.8	Pole Elevation Analysis	LS	1	0	0	
21.9	Traffic Signal Operation Report	LS	1	0	0	
21.10	Quantiles	LS	1	8	8	
21.11	Cost Estimate	LS	1	0	0	
21.12	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
21.13	Other Signalization Analysis	LS	1	0	0	
Signalization Analysis Technical Subtotal					30	
21.14	Field Reviews	LS	1	0	0	
21.15	Technical Meetings	LS	1	0	0	Meetings are listed 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					0	
21.19	Coordination	LS	%	0%	0	
21. Signalization Analysis Total					30	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
FDOT Traffic Operations	EA	0	0	0		0
FDOT Traffic Design	EA	0	0	0		0
Power Company (service point coordination)	EA	1	0	0		0
Maintaining Agency (cities, counties)	EA	1	0	0		0
Railroads	EA	0	0	0		0
Other Meetings	EA	0	0	0		0
Subtotal Technical Meetings				0	Subtotal Project Manager Meetings	0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3	--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3	--
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)	0

Carries to 21.15

Carries to Tab 3

Signalization Plans

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
22.1	Key Sheet		Sheet	1	4		4	
22.2	Summary of Pay Items Including Designer Interface (TRNS+Port) Input		Sheet	0	0		0	
22.3	Tabulation of Quantities		Sheet	1	4		4	
22.4	General Notes/Pay Item Notes		Sheet	1	4		4	
22.5	Plan Sheet		Sheet	1	4		4	
22.6	Interconnect Plans		Sheet	0	0		0	
22.7	Traffic Monitoring Site		EA	0	0		0	
22.8	Guide Sign Worksheet		EA	0	0		0	
22.9	Special Details		Sheet	0	0		0	
22.10	Special Service Point Details		EA	0	0		0	
22.11	Mast Arm/Monotube Tabulation Sheet		PI	0	0		0	
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	0	0		0	
22.16	Interim Standards		LS	0	0		0	
Signalization Plans Technical Subtotal						0	16 ✓	
22.17	Quality Assurance/Quality Control		LS	%	0%		0	
22.18	Supervision		LS	%	0%		0	
22. Signalization Plans Total						0	16 ✓	

- Under Section 373.414(17), F.S..... \$ 1,125
- General Permit Verification (f/k/a Noticed General Permit)..... \$ 250 ✓**
- Exemption Verification.....\$ 100**
- Use of Electronic Certification System.....\$ 0**

Proprietary Authorization (SLERP). Link to FDEP (htt : www.de .state.fl.us le al Rules rulelist.htm Chapter 18-21:

- Consent of Use
- Lease
- Easement

Fee Reductions

- Applications by entity qualifying under Section 218.075, F.S. (where fee > \$100).....\$ 100
- Applications submitted by U.S. Department of Defense.....\$ 0
- Applications withdrawn and resubmitted within 365 days, any fee paid is applied toward resubmitted application.

Lake Okeechobee Drainage Basin Works of the District Permits

- Individual Permit.....\$ 150**
- Notice of Intent for a General Permit.....\$ 100**

Everglades Agricultural Area (EAA) Basin Works of the District Permits

Individual EAA Permit

- **New Individual Permit..... \$ 1,880**
(plus \$1.50/acre for each acre over 320 acres, maximum fee \$30,000)
- **Renewal Individual Permit (with or without modifications)..... \$ 1,560**
(plus \$0.25/acre for each acre over 320 acres, maximum fee \$5,000)
- **Modification of an existing Individual Permit..... \$ 1,880**
- **Letter Modification of an existing Individual Permit.....\$ 500**
- **Admin Info Update to an existing Individual Permit..... No Fee**
- **Transfer (ownership) of an existing Individual Permit..... \$ 200**

Master EAA Permit

- **New Master Permit..... \$ 1,880**
(plus \$1.50/acre for each acre over 320 acres, maximum fee \$750,000)
- **Renewal Master Permit (with or without modifications)..... \$ 1,680**
(plus \$0.25/acre for each acre over 320 acres, maximum fee \$150,000)
- **Modification of an existing Master Permit \$ 1,880**
- **Letter Modification of an existing Master Permit.....\$ 500**
- **Admin Info Update to an existing Master Permit.....No Fee**
- **Transfer (ownership) of an existing Master Permit.....\$ 500**

**LAKE WORTH DRAINAGE DISTRICT
OPERATING POLICIES**

Chapter 2: Fees

- **Permit Modification Fee:** modifications and/or revisions made after the issuance of a Permit will require a \$240.00 Permit Modification Fee. If a modification or revision that is made after the issuance of a Permit is deemed by LWDD to be a major modification or major revision, a new Permit must be applied for on the subject project, utilizing the current fee schedule.
- A Permit Reissue (see Glossary for definition) will require a \$240.00 fee.
- A Permit replacement (or duplicate Permit) will require a \$240.00 fee.
- Fees will be doubled if improvements are constructed or installed without a Permit or backfilled without inspection.
- A forty-eight (48) hour notice must be given to the LWDD Engineering Department prior to inspection by LWDD.
- Failure to contact the LWDD Engineering Department to schedule inspections may result in rejection of the work until visual inspection can be made where applicable. Underground installations must be uncovered for inspection.
- Record drawings are required by LWDD within sixty (60) days after the final inspection.
- Parallel installations of utility lines require approval of the Board of Supervisors. The Board of Supervisors reserves the right to deny any request. Please seek routes outside LWDD's right-of-way. Proof of denial of all other routes must be furnished prior to appearance before Board of Supervisors. See Chapter 3 - Section 3.11 - Utility Installations.

2.3 Administrative Processing Fees

Clerical	\$ 35.00/hour
Financial	\$ 55.00/hour
Legal Assistant	\$ 45.00/hour
Technical	\$ 65.00/hour
Attorney's Fees	\$225.00/hour
Photocopy Fees	\$.15/ one-sided 11" x 17" or smaller
	\$.20/ two-sided 11" x 17" or smaller
Engineering Plans	\$ 1.00/copy
Black & White	one-sided larger than 11" x 17"
Engineering Plans	\$ 5.00/copy



March 26, 2019

Mr. Luis Costa, P.E.
Bolton Perez & Associates
7280 West Palmetto Park Road, Suite 302-N
Boca Raton, FL 33433

Re: Lake Ida Road and Hagen Ranch Road Intersection Improvements (PBCo. Project No. 2019107)

Dear Luis:

Thank you for the opportunity to provide you with the following services for the subject site. This proposal is based on documentation and information provided by your office. The scope of services is as follows:

SCOPE OF SERVICES

We will perform a specific purpose/topographic survey under this project and the survey work will be performed in accordance with the current Standards of Practice and Palm Beach County Roadway Design Procedures dated January 2019, and all Palm Beach County requirements. All survey work done will result in a signed and sealed survey drawing in accordance with all applicable requirements, codes, rules and Statutes governing Surveying and Mapping.

I. HORIZONTAL PROJECT NETWORK CONTROL

Using the information supplied by Palm Beach County, we will establish the Right-of-Way for Lake Ida Road and Hagen Ranch Road. A traverse will be run through the route and found monumentation will be tied in. The survey will be oriented to Palm Beach County horizontal control (NAD 83/90 Adjustment). We will obtain the sectional and geodetic control information from the Palm Beach County Survey Department.

The limits of the survey are Lake Ida Road from Hagen Ranch Road easterly 2,500'±.

II. RIGHT-OF-WAY

We will review and compile any title information furnished to us for the rights-of-way (R/W), abutting properties, easements, and restrictions. No search of the Public Records will be performed by Brown & Phillips. We will review the title package and plot all right-of-way documents and easements on the Survey and alert the County of any missing R/W segments that make up the entire R/W corridor. All gaps or overlaps will be brought to the County's attention.

III. VERTICAL PROJECT NETWORK CONTROL

A level run will be performed along the route using the existing Palm Beach County benchmarks (NAVD 1988). Benchmarks will be set along the route, not exceeding 600 feet apart. All benchmarks will be set outside of the proposed limits of construction.

1860 Old Okeechobee Road • Suite 509 • West Palm Beach, Florida 33409
(561) 615-3988 • Fax (561) 615-3991

M:\PROPOSALS\BY COMPANY\Bolton Perez & Associates\Lake Ida and Hagen Ranch\Lake Ida Road and Hagen Ranch Road intersection topographic survey.doc

Costa
March 26, 2019
Page 2

IV. HORIZONTAL CONTROL POINTS

The historic baseline of survey (if available) will be tied to a pair of PBCo. Horizontal Control Points at each end of the baseline. Stations and offsets and State Plane Coordinates and monumentation will be labeled at begin and end of historic baseline as well as PI's, PC's, PT's, PRC's and PCC's along the baseline not to exceed 1000 feet between control stations. All monumentation along the historic baseline will be referenced to the intervisible random project control monumentation. We propose to set three (3) horizontal control points.

V. SECTION TIES AND PROPERTY TIES

We will tie in section corners and property corners along the route to check the present alignment of Lake Ida Road and Hagen Ranch Road. We will try to locate as many corners as possible to positively establish the current rights of way. We will tie in a minimum of two (2) Palm Beach County geodetic points to meet County requirements. Subdivision corners, section corners and other existing control monumentation that will assist in the establishment of the R/W will be located and shown on the Survey.

VI. SIDE STREET SURVEYS

A topographic survey will be done on Monterey Estates Drive to 100 feet from the right of way line of Lake Ida Road, with centerline elevations to the drainage divide or 200'. This survey will show the edge of pavement and all above ground features to 25 feet outside of the existing right of way.

VII. TOPOGRAPHY

A topographic survey will be performed along the route. This survey will tie in all visible features such as, but not limited to, signs, light poles, guardrails, utilities, walks, edge of pavement, curbing, drainage structures, etc. These locations will show all features within the corridor from right of way to right of way extending to 25 feet outside the proposed right of way (if provided prior to start of the field work).

VIII. CROSS SECTIONS and TIN CREATION (DTM)

Cross sections will be done along the route at 100-foot intervals. These cross sections will cover the roadway to the right of way lines and extend to 25 feet outside of the right of way (if provided prior to start of the field work). In addition, we will prepare a TIN file and all the corresponding break lines for the design of the roadway. Since a TIN is required this will entail additional shots to be taken on the cross sections to accurately depict the existing conditions. No soundings are proposed.

IX. AS-BUILTS

We will attempt to get as-built information on all the pipes leading out of any storm structures found. We will show invert elevations, pipe sizes and materials for all pipes located including outfall pipes.

Costa
March 26, 2019
Page 3

X. UNDERGROUND UTILITIES

We will locate or set points for any necessary soil borings along the route. These points will be determined by others and supplied to Brown & Phillips, Inc. Brown & Phillips, Inc will locate any underground utilities that are marked in the field.

XI. TREE LOCATIONS

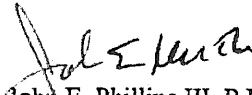
We will locate all the trees (4" and larger measured at breast height) and shrubs/hedges within the right of way and extending to 25 feet outside the right of way on both north and south sides of Lake Ida Road. These will be shown on the CADD file with types and caliper sizes. Not a tree survey.

XII. CLOSURE

A certified signed and sealed Topographic Survey (11" x 17" sheets on a 1" = 40' scale) will be prepared and delivered, to be included with the engineering plans (sheets SURX-SURXX) showing the existing right-of-way and supporting record information in addition to all improvements as outlined. We propose to provide Bolton Perez & Associates and Palm Beach County Survey Section with 1 set certified, signed & sealed, of the Survey, 1 set in PDF digitally signed and CAD files in the version requested. Any additional work will be done on an hourly basis as approved by you. We will perform the scope of services for a **lump sum fee of \$17,181.02** (see Attachment 'A' for an hourly breakdown). Please do not hesitate to call me with any questions you might have regarding this proposal. We look forward to working with you on this project.

Sincerely,

Brown & Phillips, Inc.



John E. Phillips III, P.L.S.
Principal

Attachments

JEP/mb



ATTACHMENT 'A'

Lake Ida Road and Hagen Ranch Road Intersection Improvements (PBCo. Project No. 2019107)

Type of Survey: Roadway Design

Size: 2500'±

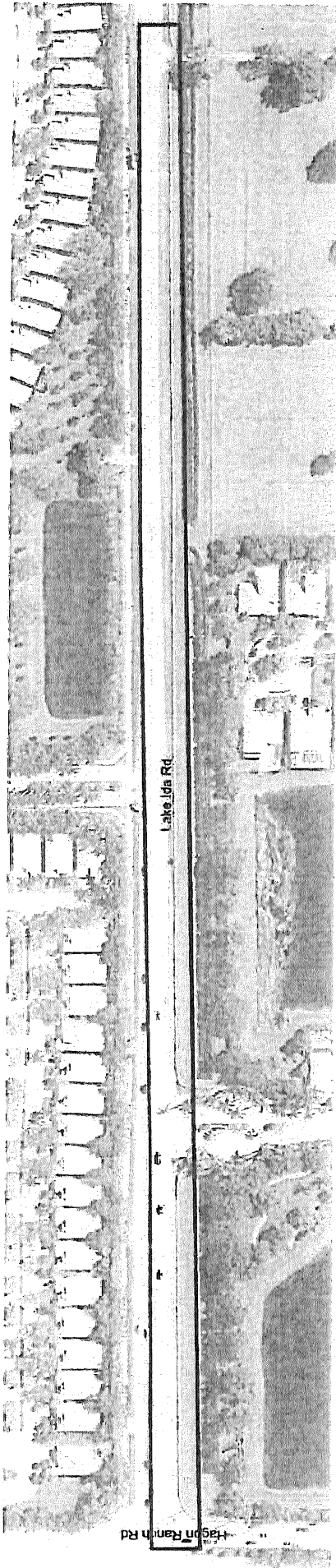
Date: March 26, 2019

TASK	3 MAN CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				2	
Horizontal Project Network Control	4			2	Establish control
Title Review			24	5	Review/compile furnished right-of-way
Vertical Project Network Control	7		1		Set benchmarks along corridor
Baseline Layout	3		0.5		Layout baseline at 100' intervals
Horizontal Control Points	3		1		Set horizontal control points and prepare PNC Sheet
Section Ties	2		1		Tie in PBCo. Horizontal control
Subdivision & Property Ties	6		4	2	Tie in adjoining property corners
Topography	12		3	0.5	Locate all above ground features
Cross Sections	10		2		At 100' intervals to 25' outside R/W - TIN file
Side Street Surveys	2		0.5		Side streets to 25' past the R/W
Asbuilts	3		0.5		Asbuilt storm structures
Tree Locations	1				Locate planted trees in R/W to 25' outside R/W (4" or greater)
Topographic Survey		30	6	4	Prepare drawing of topographic survey (5 sheets)
Total Hours:	53 ✓	30 ✓	43.5 ✓	15.5 ✓	
Rate/Hour	\$162.37 ✓	\$90.28 ✓	\$90.28 ✓	\$125.15 ✓	
Subtotal:	\$8,605.61 ✓	\$2,708.40 ✓	\$3,927.18 ✓	\$1,939.83 ✓	
Total Labor Cost:					\$17,181.02

Other Direct Costs:	quantity	unit	cost/unit	total
Legal Description & Sketch		each	\$500.00	\$0.00
Prints		sheet	\$1.50	\$0.00
Shipping		cost x markup	1.20	\$0.00

Total Other Direct Costs: \$0.00

TOTAL PRICE \$17,181.02 ✓



OEBO SCHEDULE 1

EXHIBIT C
Page 1 of 2

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

SOLICITATION/PROJECT/BID NAME: Lake Ida Road and Hagen Ranch Road Intersection Improvement
NAME OF PRIME RESPONDENT/BIDDER: Bolton Perez & Associates, Inc.
CONTACT PERSON: Luis Costa, PE
SOLICITATION OPENING/SUBMITTAL DATE: _____

SOLICITATION/PROJECT/BID No.: 2019107
ADDRESS: 7280 W Palmetto Park Road #302-N Boca Raton, FL 33433
PHONE NO.: 561-717-6496 **E-MAIL:** lcosta@bpaengineers.com
DEPARTMENT: Engineering & 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.

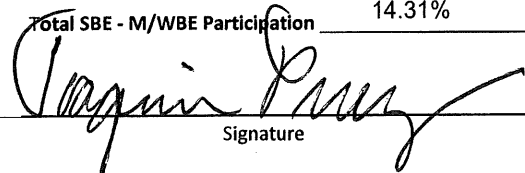
Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	Non-SBE	M/WBE	SBE	Black	Hispanic	Women	Caucasian	Other (Please Specify)
		Minority/Women Business	Small Business					
1. Bolton Perez & Associates, Inc. 7280 W. Palmetto Park Rd. #302-N Boca Raton, FL 33433 561-717-6496	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	\$102,873.08- 85.69%
2. Brown & Phillips, Inc. 1860 Old Okeechobee Rd. #509 WBP, FL 33409 561-615-3988	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$17,181.02 - 14.31%	_____	_____	_____	_____
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____

(Please use additional sheets if necessary)

Total	\$17,181.02 - 14.31%	_____	_____	_____	_____	\$102,873.08- 85.69%
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Total Bid Price \$ \$120,054.10

Total SBE - M/WBE Participation 14.31%

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

- Note:**
- 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.
 - 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.
 - Modification of this form is not permitted and will be rejected upon submittal.

OEBO LETTER OF INTENT – SCHEDULE 2

Exhibit C
Page 2 of 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/
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: 2019107

SOLICITATION/PROJECT NAME: Lake Ida Road and Hagen Ranch Road Intersection Improvement

Name of Prime: Bolton Perez & Associates, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 1/31/19-1/30/22

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
	Topographic Survey		1/LS		\$17,181.02 - 14.31%

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: 14.31%

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

Bolton Perez & Associates, Inc.
Print Name of Prime
By: Joaquin Perez
Authorized Signature
Joaquin Perez, PE
Print Name
President
Title
Date: 09/12/2019

Brown & Phillips, Inc.
Print Name of Subcontractor/subconsultant
By: Anthony Brown
Authorized Signature
Anthony Brown
Print Name
CEO
Title
Date: 09/05/2019

Client#: 1054840

BOLTOPER

ACORDTM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 05/09/2019

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 any rights to the certificate holder in lieu of such endorsement(s).

Table with PRODUCER (USI Insurance Services, LLC) and INSURED (Bolton, Perez & Associates, Inc.) information, along with CONTACT NAME, PHONE, FAX, E-MAIL ADDRESS, and a list of INSURER(S) AFFORDING COVERAGE with NAIC #.

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.

Main table listing insurance coverages (A, E, B, C, D) with columns for INSR LTR, TYPE OF INSURANCE, ADDL SUBR INSR, POLICY NUMBER, POLICY EFF, POLICY EXP, and LIMITS.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Professional Liability coverage is written on a claims-made basis. Description: BPA Project No. 17.08.01; Intersection Improvements Annual Services Palm Beach County Board of County Commissioners, a Political Subdivision of the State of Florida, its officers, Employees and Agents are named as additional insureds on all policies listed above except the workers compensation and professional liability as required by written contract including completed and (See Attached Descriptions)

Table with CERTIFICATE HOLDER (Palm Beach County) and 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.)

DESCRIPTIONS (Continued from Page 1)

ongoing operations on per project basis, coverage is primary and non contributory. Waiver of subrogation in favor of the additional insureds applies to all policies listed above as required by written contract. Thirty (30) days prior written notice of cancellation except 10 days for non payment of premium will be given on all policies listed above. Professional Liability retro date is 03/01/1997.