

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

Meeting Date:	June 6, 2017	<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:	Engineering & Public Works Department				
Submitted For:	Roadway Production Division				

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a task order to the annual structural contract R2017-0027 with R.J. Behar & Company, Inc. (RJB), in the amount of \$114,982.89, for professional services for the Florida Mango Road over PBC L-2 Canal Bridge Replacement (Project).

SUMMARY: Approval of this task order will provide the professional services necessary for the preparation of design plans and construction bid documents for the project. The Engineering Department's Road and Bridge Division will be replacing the existing bridge on Florida Mango Road, which crosses the PBC L-2 Canal, with a standard multiple reinforced concrete pipe culvert connected to standard straight endwalls. The Small Business Enterprise (SBE) goal for all contracts is 15%. RJB committed to 17% SBE participation for this annual contract and they have proposed 27.11% SBE participation for this task. RJB has an office in Palm Beach County. District 2 (LBH)

Background and Justification: On January 10, 2017, the Board of County Commissioners (BCC) approved an annual structural contract R2017-0027 with RJB to provide professional services required countywide for Palm Beach County (County) structural engineering projects. The County now desires RJB to prepare design plans and construction bid documents for the project as detailed in Exhibit "A" of the attached task order. The fee, as detailed in Exhibit "A" of the attached task order, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$ 77,479.00	(Design Analysis, Plans, Drainage Analysis, Utilities, Permits, Structures, Signing and Marking).
Reimbursable Expenses (Not to Exceed)....	\$ 31,283.89	(Survey, Geotechnical, Permits, Prints).
Optional Services (Not to Exceed).....	<u>\$ 6,220.00</u>	(Post Design Services, Legal Description and Sketch).
Total:	<u>\$114,982.89</u>	

After reviewing the attached task order and finding it in proper order, staff recommends BCC approval.

Attachments:

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

=====

Recommended by: *S. J. Wall* 4/26/17
 Department Director Date

Approved By: *Kare Johnson* 5/17/17
 Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2017	2018	2019	2020	2021
Capital Expenditures	<u>\$160,983</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>\$160,983</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

Budget Account No:

Fund 3500 Dept 361 Unit 1519 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvement Fund
Florida Mango Road over PBC L-2 Canal Bridge

Basic Services	\$ 77,479.00
Reimbursable Services	\$ 31,283.89
Optional Services	\$ 6,220.00
	<u>\$ 114,982.89</u>
Staff Costs	
Roadway Engineering	\$ 23,000.00
Right of Way	\$ 5,750.00
Survey	\$ 5,750.00
Traffic	\$ 11,500.00
Total Fiscal Impact	<u>\$ 160,982.89</u>

C. Departmental Fiscal Review: Alii Kovalainen

III. REVIEW COMMENTS

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

John G. ... 4/25/17
OFMB
RP ASD
4/26 4/20

Dr. J. Jacobson 5/5/17
Contract Dev. and Control

B. Approved as to Form and Legal Sufficiency:

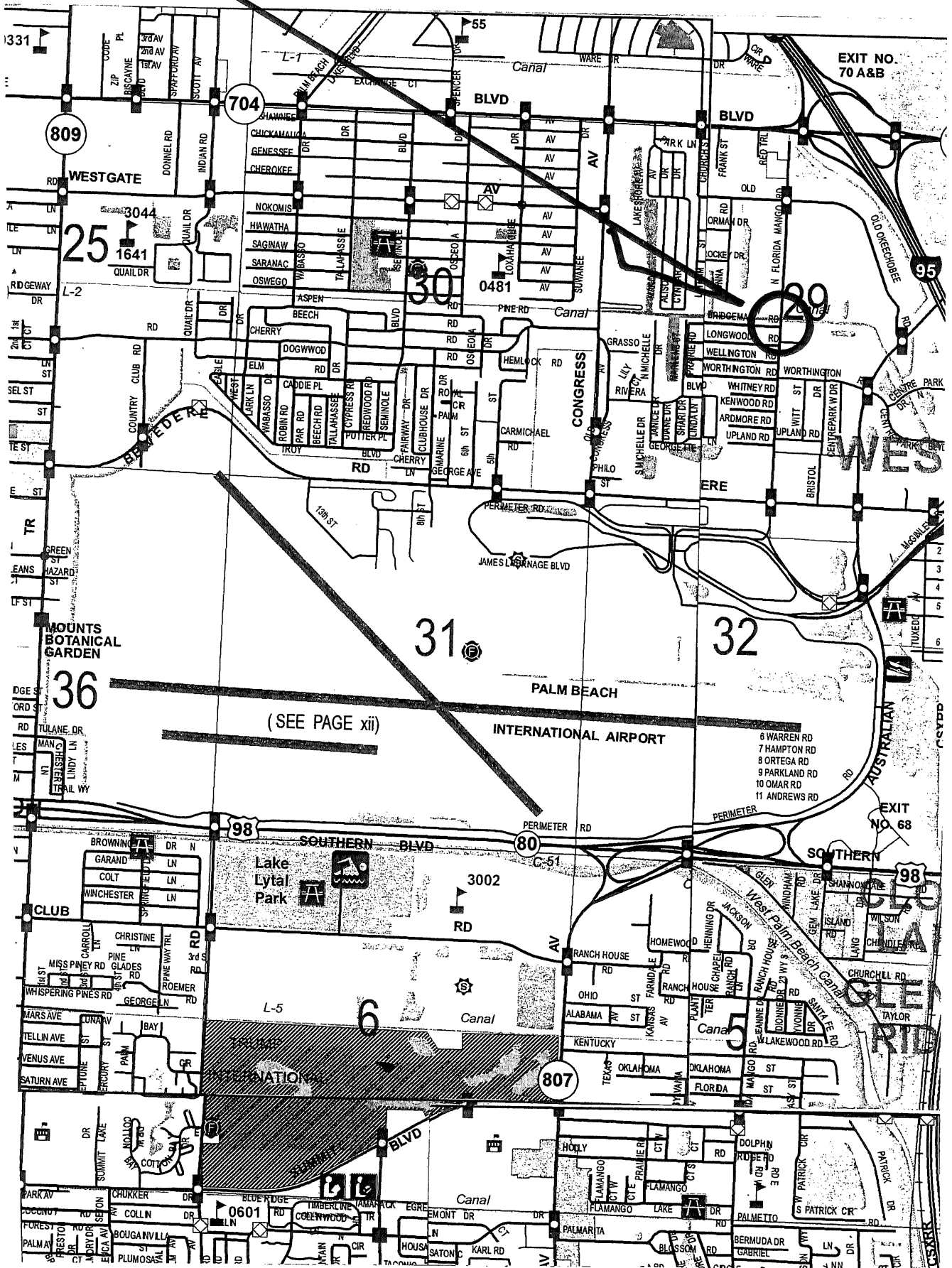
[Signature]
5/16/17 Assistant County Attorney

C. Other Department Review:

Department Director

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

**FLORIDA MANGO ROAD OVER PBC L-2 CANAL
BRIDGE REPLACEMENT
PALM BEACH COUNTY PROJECT NO.: 2017512**



(SEE PAGE xii)

LOCATION SKETCH

ATTACHMENT 2

WORK TASK ORDER TO ANNUAL CONTRACT BETWEEN

**PALM BEACH COUNTY
AND
R.J. BEHAR & COMPANY, INC.**

FOR PROFESSIONAL ENGINEERING SERVICES ON

**FLORIDA MANGO ROAD OVER PBC L-2 CANAL
BRIDGE REPLACEMENT**

**PROJECT NO.: 2017512
PALM BEACH COUNTY, FLORIDA**

THIS WORK TASK ORDER TO THE ANNUAL CONTRACT, made and entered into this day of _____ 2017, by and between **Palm Beach County (COUNTY)**, a Political Subdivision of the State of Florida, by and through its Board of County Commissioners, and R.J. Behar & Company, Inc., a Florida Corporation with an address of 6861 S.W. 196th Avenue, Suite 302, Pembroke Pines, Florida 33332, hereinafter called the **CONSULTANT**.

WITNESSETH

WHEREAS, the **COUNTY** and **CONSULTANT** entered into an Annual Contract for structural engineering on a task order basis on January 10, 2017 (R2017-0027).

WHEREAS, the **COUNTY** desires the **CONSULTANT** to perform structural engineering services for Florida Mango Road over PBC L-2 Canal Bridge Replacement, Palm Beach County, Florida (hereinafter called the **PROJECT**); and,

WHEREAS, the **CONSULTANT** agrees to perform the structural engineering services required for preparing design plans and construction bid documents, including related documents for the **PROJECT**; and,

**Re: Florida Mango Road over PBC L-2 Canal Bridge Replacement
Project No.: 2017512**

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 \$77,479.00;

Reimbursable Expenses capped at \$31,283.89;

Optional Services capped at \$6,220.00;

Totaling \$114,982.89

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 **CONSULTANT** agrees to provide professional services as described in Exhibit "A" of this Work Task Order known as "SCOPE OF WORK & FEE".
2. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in Exhibit "B" of this Work Task Order.
3. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "C" of this Work Task Order.
4. The **CONSULTANT** has provided sub-consultant Letters of Intent to perform as an SBE as described in Exhibit "D" of this Work Task Order.
5. The **COUNTY** agrees to pay the **CONSULTANT** a fee of One Hundred Fourteen Thousand Nine Hundred Eighty-Two Dollars and Eighty-Nine Cents (\$114,982.89).
6. The **CONSULTANT** warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status, sexual orientation, gender identity and expression, or genetic information pursuant to Palm Beach County Resolution R-2014-1421, as may be amended.

CONSULTANT has submitted to the **COUNTY** a copy of its non-discrimination policy which is consistent with the above paragraph, as contained in Resolution R-2014-1421, as amended, or in the alternative, if the **CONSULTANT** does not have a written non-discrimination policy or one that conforms to the **COUNTY's** policy, it has acknowledged through a signed statement provided to **COUNTY** that **CONSULTANT** will conform to the **COUNTY's** non-discrimination policy as provided in R-2014-1421, as amended.

7. Paragraphs 5.2.1 through 5.2.3 of the original contract (R2017-0027) shall be replaced with the following:

5.2.1. Progress reports and/or payment invoices shall be submitted monthly by the **CONSULTANT** for each assigned task. Payments to the **CONSULTANT** shall be

payable within 45 days after receipt of accurate and complete invoice from **CONSULTANT**, in proportion to the percentage of engineering services approved and accepted by the **COUNTY** based on said lump sum fee until 90% of the Basic Services are completed. There will be no additional payments until all Services, including permits, but with the exception of any Optional Services, are completed and accepted by the **COUNTY**.

5.2.2. Upon satisfactory completion of all Services, including permits, described in this Contract and approval and acceptance of the plans by the **COUNTY** full payment for all completed Services provided, will be made and the contract will be closed. If the contract has an authorization for Post Design Services the Contract will remain open until all Post Design Services (if applicable) are complete.

5.2.3. Final payment shall be due and payable to the **CONSULTANT** upon satisfactory completion, approval and acceptance by the **COUNTY**, of all the Services described in this Contract, including Post Design Services.

5.2.4 Due to the nature of the work flow and the small size of expected projects to be performed by the **CONSULTANT**, the **COUNTY** recognizes that the purpose of withholding retainage may not be applicable for all projects and the **COUNTY** may waive the requirement upon written request from the **CONSULTANT**.

Except as hereby amended, changed or modified, all other terms, conditions and obligations of the Contract dated **January 10, 2017 (R2017-0027)**, shall remain in full force and effect.

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Re: Florida Mango Road over PBC L-2 Canal Bridge Replacement
Project No.: 2017512

IN WITNESS WHEREOF, the parties hereto have made and executed this Work Task Order as of the day and year first above written.

OWNER:

Palm Beach County, Florida, a
Political Subdivision of the
State of Florida

CONSULTANT:

R.J. Behar & Company, Inc.
a Florida Corporation

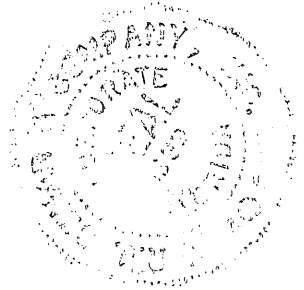
BOARD OF COUNTY COMMISSIONERS

BY: _____
Paulette Burdick, Mayor

BY: _____
Robert J. Behar, P.E.
President

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

CORPORATE SEAL



BY: _____
Deputy Clerk

WITNESS:
BY: _____
Dereth Behar

SEAL

Dereth Behar
(Printed Name)

APPROVED AS TO TERMS
AND CONDITIONS:

BY: _____
Ornelis A. Fernandez

BY: _____
Lizanna Kadir

APPROVED AS TO FORM & LEGAL
SUFFICIENCY:

Lizanna Kadir
(Printed Name)

COUNTY ATTORNEY

FEE PROPOSAL

OK MAD 3/16/2017

For

OK KFS 3/16/17

BRIDGE REPLACEMENT
for **FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL**

PALM BEACH CO. PROJECT NO. 2017512

For

PALM BEACH COUNTY

Prepared By:

R.J. BEHAR & COMPANY, INC.

RJB PROJ. No. 650856

November 23, 2016
Revised January 25, 2017
Revised February 7, 2017
Revised March 14, 2017

**Bridge Replacement for Florida Mango Road over the PBC L-2 Canal
Palm Beach County Project No. 2017512
SCOPE OF SERVICES**

1.0 PROJECT DESCRIPTION

- 1.1 Palm Beach County's Road and Bridge Division has determined to replace the existing bridge on Florida Mango Road which crosses the L-2 Canal, owned by Palm Beach County in West Palm Beach, Florida. Please refer to Exhibit A, at the end of this section, for reference location map and project aerial.

2.0 BASIS OF SCOPE

2.1 Bridge Replacement Design

The County has requested replacement of the existing bridge over the L-2 Canal with a standard multiple Reinforced Concrete Pipe Culvert (RCP, connected to standard straight endwalls at or approximately near the existing R/W lines. The following scope of services will be based on providing a culvert solution.

2.2 Roadway & Civil Design

Florida Mango Road will be reconstructed as necessary to accommodate the bridge replacement and road widening. The project intends to reconstruct the existing two lanes of Florida Mango Road over the bridge replacement but place the proposed culvert endwalls to accommodate a three lane section in the future, for a total project length of 100 linear feet.

2.2.1 Typical Section (Roadway) –The existing roadway has an existing posted speed of 35 mph and is expected to be replaced by two eleven foot (11') lanes with provisions for the addition of two four foot bicycle lanes, within the existing 80' R/W. One six foot (6') sidewalk will be constructed along the east R/W line. A second typical section will be developed for future planning purposes and establishment of the proposed culvert endwalls; the future planning section will include a three lane section, with two eleven foot (11') lanes, four foot (4') paved bicycle lanes and one ten foot (10') bi-directional left turn lane. The future section will include two separated five foot (5') sidewalks on both sides, which or six foot (6') wide, if placed adjacent to the curb and gutter.

2.2.2 Roadway Design: The replacement of the existing bridge over the L-2 Canal is assumed to include the installation of RCP culvert(s). Florida Mango Road is planned to be reconstructed in accordance with the County's full depth pavement design, involving minor transitions vertically and horizontally from the existing roadway, across the canal. The length of roadway reconstruction is anticipated to be approximately 100 linear feet or less in length. The proposed east side sidewalk will be installed in the ultimate location, with the back of sidewalk set one foot (1') from existing

- R/W line. Note: The sidewalk may be re-aligned to avoid utilities at the R/W line (i.e. City of West Palm Beach FM pump station).
- 2.2.3 **Drainage:** As noted above, the existing bridge will be replaced by a culvert. The existing roadway drainage system includes swales ditches with ditch bottom inlets. The existing bridge has scuppers discharging directly to the canal. The existing swales and ditches will be modified to continue operating as does the existing condition with no provision for new water quality to be provided.
 - 2.2.4 **Canal Modifications:** Hydraulic design will be provided for the new culvert crossing. The flows will be based on the upstream pump station discharge flows. Canal modifications will include development of canal transition to new standard FDOT endwalls using rip-rap slope protection. The work will be aimed to maintain and avoid modifications or relocation of the existing stilling well, which includes pump-station control instrumentation. Ultimate typical may be altered to avoid the stilling well.
 - 2.2.5 **Maintenance of Traffic:** Phased construction and temporary traffic control to be done by others.
- 2.3 **Permitting:** No permit will be required from Palm Beach County, owner of the L-2 Canal. A minor general permit, permit modification or exemption will be requested from SFWMD; a Nationwide Permit is anticipated from USACE for bridge replacement with a culvert and a separate NPDES permit will be required from FDEP.
 - 2.4 **Utilities:** Utility coordination will be required. Nine (9) separate utility owners have been identified crossing the L-2 canal, within the project area, most with aerial utility crossings, mounted on the bridge, which will need to be relocated for the proposed construction. The anticipated utility owners include: Comcast, FPL Fibernet, FPL, FPU (Gas), Level 3 Communications, Palm Beach County Traffic Operations, ATT Distribution, Palm Beach County Water Utilities (Water Main and Sewer), and the City of West Palm Beach Water Utilities and Storm Sewers. The coordination shall be conducted in accordance with Palm Beach County standard procedures.
 - 2.5 **Miscellaneous Structures:** RJ Behar will develop detail for endwall modifications required to extend the endwall beyond the standard length, on each side to match the canal width and a detail for mounting a vertical face concrete barrier, on top of the endwall.
 - 2.6 **Coordination:** RJ Behar will attend all appropriate meetings in support of project requirements, including meetings with Utility Owners, Permitting Agencies and Palm Beach County's other involved Departments, including Road and Bridge and Traffic. Anticipated meetings and coordination efforts have been identified in the attached staffhour distributions with respect to the associated discipline.
 - 2.7 **Optional Services:** Preparation of a Legal Description and Post Design Services.
 - 2.8 **Geotechnical Engineering:**
See geotechnical scope of service.
 - 2.9 **Survey and R/W Engineering:**
See survey scope of service.

3.0 SCOPE OF BASIC SERVICES AND FEE

The cost breakdown for each element is attached for your review.

4.0 PROPOSED SCHEDULE

The proposed schedule is based on developing this project within Palm Beach County's larger bridge replacement program. The schedule of plan delivery is based on input from the project scoping meeting and the County's initial priorities. We would certainly be happy to discuss any modification to the proposed schedule in order to better meet the County's needs.

The schedule of activities will follow the County's standard project procedures, including:

1. Survey.
2. Meet Permit Agencies & Utility owners concurrent with survey.
3. Prepare & submit Preliminary Engineering Evaluation and Typical Section package for approval.
 - a) Client review; and
 - b) Update plans per review comments.
4. 35% plans and submittal (submittal to be of sufficient detail for 35% plans & permit submittal):
 - a) Client review; and
 - b) Update plans per review comments.
5. 65% plans and submittal (submittal to be of sufficient detail for 65% plans & permit submittal):
 - a) Client review; and
 - b) Update plans per review comments.
6. Utility Pothole Meeting.
7. Submit permits.
8. Receive permits.
9. 96% plans and submittal:
 - a) Prepare and submit utility plans to Utility Owners through County's Utility Coordinator;
 - b) Client review; and
 - c) Update plans per review comments.
10. Prepare and submit 100% plans, specifications package, estimate and contract documents:
 1. Client review; and
 2. Update plans, specifications and contract package per review comments.
11. Prepare and submit Final plans, specifications package, estimate and contract documents.

The tentative project schedule is anticipated to require 18 months to complete from Notice to proceed. The tentative project schedule will be revised in accordance to the agreed schedule of delivery before conclusion of contract negotiations and notice to proceed.

FEE PROPOSAL

For

**BRIDGE REPLACEMENT
for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL**

PALM BEACH CO. PROJECT NO. 2017512

For

PALM BEACH COUNTY

Prepared By:

R.J. BEHAR & COMPANY, INC.

RJB PROJ. No. 650856

ROADWAY & CIVIL ENGINEERING

March 16, 2017

FEE PROPOSAL SUMMARY
BRIDGE REPLACEMENT
for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.
 RJB PROJ. No. 650856

ACTIVITY	PROJECT MANAGER		SENIOR ENGINEER		ENGINEER		DESIGNER		CADD TECHNICIAN		MHR BY ACTIVITY	TOTAL COST BY ACTIVITY
	MAN HOURS	\$ <input checked="" type="checkbox"/> 171.00 HOURLY RATE	MAN HOURS	\$ <input checked="" type="checkbox"/> 183.00 HOURLY RATE	MAN HOURS	\$ <input checked="" type="checkbox"/> 130.00 HOURLY RATE	MAN HOURS	\$ <input checked="" type="checkbox"/> 108.00 HOURLY RATE	MAN HOURS	\$ <input checked="" type="checkbox"/> 100.00 HOURLY RATE		
1. Design Analysis	4	\$ 684.00	24	\$ 4,392.00	24	\$ 3,120.00	20	\$ 2,160.00	7	\$ 700.00	<input checked="" type="checkbox"/> 79	\$ 11,056.00
2. Roadway Plans	9	\$ 1,539.00	53	\$ 9,699.00	53	\$ 6,890.00	45	\$ 4,860.00	18	\$ 1,800.00	<input checked="" type="checkbox"/> 178	\$ 24,788.00
3. Drainage Analysis	6	\$ 1,026.00	37	\$ 6,771.00	37	\$ 4,810.00	31	\$ 3,348.00	13	\$ 1,300.00	<input checked="" type="checkbox"/> 124	\$ 17,255.00
4. Utilities	3	\$ 513.00	19	\$ 3,477.00	19	\$ 2,470.00	16	\$ 1,728.00	5	\$ 500.00	<input checked="" type="checkbox"/> 62	\$ 8,688.00
5. Permits	2	\$ 342.00	14	\$ 2,562.00	14	\$ 1,820.00	12	\$ 1,296.00	6	\$ 600.00	<input checked="" type="checkbox"/> 48	\$ 6,620.00
6. Misc. Structures	2	\$ 342.00	10	\$ 1,830.00	10	\$ 1,300.00	8	\$ 864.00	2	\$ 200.00	<input checked="" type="checkbox"/> 32	\$ 4,536.00
7. Signing & Marking	2	\$ 342.00	10	\$ 1,830.00	10	\$ 1,300.00	8	\$ 864.00	2	\$ 200.00	<input checked="" type="checkbox"/> 32	\$ 4,536.00
TOTAL	<input checked="" type="checkbox"/> 28	<input checked="" type="checkbox"/> 4,788.00	<input checked="" type="checkbox"/> 167	<input checked="" type="checkbox"/> 30,561.00	<input checked="" type="checkbox"/> 167	<input checked="" type="checkbox"/> 21,710.00	<input checked="" type="checkbox"/> 140	<input checked="" type="checkbox"/> 15,120.00	<input checked="" type="checkbox"/> 53	<input checked="" type="checkbox"/> 5,300.00	<input checked="" type="checkbox"/> 555	<input checked="" type="checkbox"/> 77,479.00
TOTAL CONTRACT FEE COMPUTATION												
SUBTOTAL: BASIC FEE											\$ <input checked="" type="checkbox"/> 77,479.00	
DIRECT EXPENSES (REIMBURSABLES):												
(a) Radise, Inc. (Geotechnical)											\$ <input checked="" type="checkbox"/> 22,420.00	
(b) Brown & Phillips (Survey)											\$ <input checked="" type="checkbox"/> 8,299.64	
(c) Direct Expenses (Including Permit Fees):											\$ <input checked="" type="checkbox"/> 564.25	
SUBTOTAL:											\$ <input checked="" type="checkbox"/> 31,283.89	
OPTIONAL SERVICES:												
(d) RJB Construction Engineering and Inspection Support (Post Design)											\$ <input checked="" type="checkbox"/> 5,770.00	
(e) Brown & Phillips (Legal Description & Sketch)											\$ <input checked="" type="checkbox"/> 450.00	
SUBTOTAL											\$ <input checked="" type="checkbox"/> 6,220.00	
TOTAL:											\$ <input checked="" type="checkbox"/> 114,982.89	

2,91 multiple

Exhibit "A" - Page 6 of 27

FEE PROPOSAL**BRIDGE REPLACEMENT**

for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL

PALM BEACH CO. PROJECT NO. 2017512

R.J. BEHAR & COMPANY, INC.

1. DESIGN ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HRS/ UNIT	NO. OF SHEETS	TOTAL HOURS	REMARKS
1 Typical Section Package	L.S.	1	16		16	1 Typ Sections @ 12 hours 3 lane Planning Section (4 hrs)
2 Master Plan (design report)	EA	1	8		8	Geom. Calcs; Criteria V=35mph Clear Zone; Ped Protection
3 Horizontal/Vertical Design	L.S.	1	12		12	Set up files/Geometry 200 LF 1 shts
4 Cross Section Design Files	L.S.	1	5		5	5 Cross Sections
5 Traffic Control Analysis	N/A	0	0		0	Stage Const. & MOT by others
6 Geometric Computation Book	L.S.	1	8		8	Analysis & Report
7 Contract Computation Book	L.S.	1	12		12	
8 Cost Estimates	LS	1	12		12	4 estimates 1 @ 6 hr + 3 @ 2 hours
9 Meetings	EA	3	2		6	Kick-off, Prelim Design, 65%
TOTAL					79	

Exhibit "A" - Page 7 of 27

FEE PROPOSAL**BRIDGE REPLACEMENT**

for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL

PALM BEACH CO. PROJECT NO. 2017512

R.J. BEHAR & COMPANY, INC.

2. ROADWAY PLANS

TASK		BASIS OF ESTIMATE	NO. OF UNITS	HRS/ UNIT	NO. OF SHEETS	TOTAL HOURS	REMARKS
1	Key Sheet	SHEET	1	8	1	8	
2	Drainage Map	SHEET	0	0	0	0	N/A
3	Typical Section	SHEET	1	12	1	12	1 Rdwy (2 x11" lane)
4	General Notes	SHEET	1	8	1	8	
5	Summary of Quantities	SHEET	1	12	1	12	
6	Plan	SHEET	1	18	1	18	100 LF
7	Profile	SHEET	1	12	1	12	100 LF
8	Miscellaneous Details Sheets	SHEET	1	16	1	16	Rip-Rap & Transition Details
9	Drainage Structure Sheets	SHEET	4	8	1	32	DBI discharge Pipes to Culvert
10	Cross Sections	EA	5	3	1	15	100 L.F. (Two Exist., 3 Prop.)
11	Traffic Control Sheets	N/A	0	0	0	0	N/A
12	Canal Cross Sections	SHEET	5	3	2	15	5 X-secs (150 LF); incl. Rip-rap
13	Utilities	SHEET	1	18	0	18	9 existing & proposed utilities WUD WM+FM; COWPB WM+FM, ATT DB; FPL OH, PBCo Traf
14	Erosion Control Plan	SHEET	1	12	1	12	Area Map; Notes & Details NPDES Spec Comp.
15	SWPPP	SHEET	0	0	0	0	N/A
TOTAL					✓ 12	✓ 178	

Exhibit "A" – Page 8 of 27

FEE PROPOSAL
 BRIDGE REPLACEMENT
 for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.
3. DRAINAGE ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HRS/ UNIT	NO. OF SHEETS	TOTAL HOURS	REMARKS
1. Base Clearance	EA	0	0		0	N/A
2. Design of Rdwy Drainage	EA	1	12		12	Sht Flow to outside swale DBI's
3. Design of Roadway Ditches	EA	2	8		16	Two Swales; 4 DBI's
4. Design of Culvert	EA	1	32		32	Culvert using pipe.
5. Design of Outfalls	EA	1	8		8	
6. Design of Stormwater Management Facility	LS	0	0		0	N/A (Exempt from Permit) No Water Quality Treatment
7. Design of Storm Drains	LS	4	4		16	
8. Design of Canal Modifications	LS	1	16		16	Includes Transition to Endwalls
9. Drainage Design Report	L.S.	1	16		16	For permitting
10. Canal/Channel Hydraulics	LS	0	0		0	N/A
11. Field Reviews	EA	1	8		8	
12. Modify Pump Station Operations Report	EA	0	0		0	N/A - Stilling Well Remains
TOTAL					✓ 124	

Exhibit "A" - Page 9 of 27

FEE PROPOSAL
 BRIDGE REPLACEMENT
 for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.

4. UTILITIES

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HRS/ UNIT	NO. OF SHEETS	TOTAL HOURS	REMARKS
1. Initial Contact	N/A	0	0	0	0	N/A
2. Identify Exist Utility information on plans	EA	9	2		18	9 utilities x 2 hours
3. First Utility Design (Pot Hole) Meeting	EA	1	6	1	6	1 mtg; review pothole data; prepare minutes
4. Prepare Potential Utility Conflict and Pothole list	LS	1	16		16	Prepare Init. Utility Matrix 2 updates
5. Coordination with Utility Companies	N/A	0	0		0	Provided by Others
6. Proposed Relocated Utilities on Plans	LS	9	2	1	18	Illus. Util. Rel. by Others for 96% & 100% Plans
7. Final Utility Coordination Meeting	LS	1	4	0	4	1 person attending prepare minutes
8. PBCo Utility Coordination Assistance	LS	0	0	0	0	N/A
9. Utility Relocations	LS	0	0	0	0	N/A - By Others
TOTAL				2	62	

Exhibit "A" - Page 10 of 27

FEE PROPOSAL
 BRIDGE REPLACEMENT
 for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.
5. PERMITS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HRS/UNIT	NO. OF SHEETS	TOTAL HOURS	REMARKS
1. Preliminary Project Research	L.S.	1	8		8	
2. Palm Beach County General Permit	LS	0	0		0	PBC will not require permit LWDD N/A
3. SFWMD ERP Permit	LS	1	16		16	1 application and 2 agencies to Follow up (SFWMD & USACE)
4. Fill and Dredge Sketches	EA	6	3	2	18	Six Sections (2 Shts)
5. ROW Occupancy	EA	0	0		0	N/A
6. SFWMD ERP Dewatering	LS	1	0		0	Assuming no dewatering permit required
7. Meetings/coordination	EA	3	2		6	2 meetings - one person W/ permitting agencies
TOTAL				2	48	

Exhibit "A" - Page 11 of 27

FEE PROPOSAL
 BRIDGE REPLACEMENT
 for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.
6. MISC. STRUCTURES

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HRS/ UNIT	NO. OF SHEETS	TOTAL HOURS	REMARKS
1. Extend Standard Endwall Laterally	EA	1	8		8	Extend Standard Endwall at (Four Quadrants)
2. Modify Std Endwall w Conc. Barrier	EA	1	24		24	Modify Endwall details for safety Shape. (Vert. Face with bullet rail)
TOTAL					32	

Exhibit "A" – Page 12 of 27

FEE PROPOSAL
 BRIDGE REPLACEMENT
 for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.
7. SIGNING & MARKING

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HRS/UNIT	NO. OF SHEETS	TOTAL HOURS	REMARKS
1. Key Sheet	SHEET	1	4	1	4	
2. Tabulation of Quantities	SHEET	1	8	1	8	
3. General Notes	SHEET	1	8	1	8	
4. Plan Sheets	SHEET	1	12	1	12	
TOTAL				✓ 4	✓ 32	

Exhibit "A" - Page 13 of 27

Exhibit "A" – Page 14 of 27

3/14/2017

FEE PROPOSAL
 BRIDGE REPLACEMENT
 for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.
8. DIRECT EXPENSES

EXPENSE ITEM	NO. OF SETS	NO. OF SHEETS	24"x36"	11"x17"	8 1/2"x11"	8 1/2"x14" COMP BOOK	TOTAL COST
A. REPRODUCTION							
Permits	2	30		20	60		
Print and Scanning of As-built Plans	1	100	100	0			
Utility Contact	9	30		270			
Typical Sections Package	4	4		16			
Master Plan	0	0		0			
Phase I - 35% (Roadway)	6	30		180			
Drainage Report 65%	3	30			90		
Drainage Report Final	3	30			90		
Phase II - 65% (Roadway)	5	30		150			
Phase III - 96% (Roadway)	5	30		150			
Phase IV - 100% (Roadway)	5	30		150			
Phase V - Final (Roadway)	5	30		150			
Comp Book (Roadway) 65%	5	25		0		125	
Comp Book (Roadway) - 96%	5	25		0		125	
Comp Book (Roadway)- FINAL	5	25		0		125	
Design Calcs (Culvert) - 65%	5	15		75			
Design Calcs (Culvert) - FINAL	5	15		75			
Subtotal			100	1236	240	375	\$ -
Cost Per Sheet			\$ 1.50	\$ 0.10	\$ 0.06	\$ 0.07	
Subtotal			\$ 150.00	\$ 123.60	\$ 14.40	\$ 26.25	\$ 314.25
C. SHIPPING/POSTAGE				NO. OF PACKAGES		UNIT COST	TOTAL COST
Boxes Overnight Delivery (upto 5 lbs.)							
One per month (8 mo.)				0		\$ -	\$ -
Overnight Mail Letter							
One per month (8 mo.)				0		\$ -	\$ -
Miscellaneous				0		\$ -	\$ -
Subtotal						\$ -	\$ -
Permits							
PBC (Canal Permit) - N/A				0		\$ -	\$ -
SFWMD ERP				1		\$ 250.00	\$ 250.00
SFWMD Water Use Permit (Dewatering) - N/A				0		\$ -	\$ -
USACE 404E Nationwide.				1		\$ -	\$ -
Subtotal						\$ -	\$ 250.00
TOTAL EXPENSES							\$ 564.25

http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&URL=0300-0399/0373/0373.html

The 2016 Florida Statutes

<u>Title XXVIII</u>	<u>Chapter 373</u>	<u>View Entire</u>
NATURAL RESOURCES, CONSERVATION, RECLAMATION, AND USE	WATER RESOURCES	<u>Chapter</u>
CHAPTER 373 WATER RESOURCES		

373.109 Permit application fees.—When a water management district governing board, the department, or a local government implements a regulatory system under this chapter or one which has been delegated pursuant to chapter 403, it may establish a schedule of fees for filing applications for the required permits. Such fees shall not exceed the cost to the district, the department, or the local government for processing, monitoring, and inspecting for compliance with the permit.

(1)(a) The department shall initiate rulemaking no later than December 1, 2008, to increase each application fee authorized under part IV of this chapter and adopted by rule to ensure that such fees reflect, at a minimum, any upward adjustment in the Consumer Price Index compiled by the United States Department of Labor, or similar inflation indicator, since the original fee was established or most recently revised. The department shall establish by rule the inflation index to be used for this purpose.

(b) The department shall charge a fee of at least \$250 for a noticed general permit or individual permit as established in department rules.

(c) Notwithstanding s. 120.60(2), the fee for verification that an activity is exempt from regulation under s. 403.813 or part IV of this chapter shall be at least \$100 or as otherwise established by department rule, but not to exceed \$500.

(d) The department shall charge a fee of at least \$100 and not to exceed \$500 for conducting informal wetland boundary determinations as a public service to applicants or potential applicants for permits under part IV of this chapter. An informal wetland boundary determination is not an application for a permit, is not subject to the permit review timeframes established in this chapter or chapter 120, and does not constitute final agency action.

(2) The department shall review the fees authorized under part IV of this chapter at least once every 5 years and shall adjust the fees upward, as necessary, to reflect changes in the Consumer Price Index or similar inflation indicator. In the event of deflation, the department shall consult with the Executive Office of the Governor and the Legislature to determine whether downward fee adjustments are appropriate based on the current budget and appropriation considerations.

(3) All moneys received under the provisions of this section shall be allocated for the use of the water management district, the department, or the local government, whichever processed the permit, and shall be in addition to moneys otherwise appropriated in any general appropriations act. All moneys received by the department under the provisions of this section shall be deposited in the Florida Permit Fee Trust Fund established by s. 403.0871 and shall be used by the department as provided therein. Moneys received by a water management district or the department under the provisions of this section shall be in addition to moneys otherwise appropriated in any general appropriations act.

(4) The failure of any person to pay the fees established hereunder constitutes grounds for revocation or denial of the permit.

(5) Effective July 1, 2008, the minimum fee amounts shall be the minimum fees prescribed in this section, and such fee amounts shall remain in effect until the effective date of fees adopted by rule by the department.

History.—s. 19, part I, ch. 72-299; s. 7, ch. 76-243; s. 8, ch. 84-341; s. 27, ch. 87-225; s. 10, ch. 89-279; s. 25, ch. 93-213; s. 18, ch. 2008-150.

3/14/2017

FEE PROPOSAL
 BRIDGE REPLACEMENT
 for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.
9. WAGE RATES

SALARY AND WAGE SUPPORT

Project Duration: 12 MONTHS
 Begin Date: 4/30/2014
 Escalation 0 %

BURNDENED CONTRACT RATES	
PROJECT MANAGER	\$ ✓ 171.00
SENIOR ENGINEER	\$ ✓ 183.00
ENGINEER	\$ ✓ 130.00
DESIGNER	\$ ✓ 108.00
CADD/ COMP TECHNICIAN	\$ ✓ 100.00

MS

✓ 2.91 multiplier

FEE PROPOSAL SUMMARY
BRIDGE REPLACEMENT
for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL
 PALM BEACH CO. PROJECT NO. 2017512
 R.J. BEHAR & COMPANY, INC.
 RJB PROJ. No. 650856
 * 10. OPTIONAL SERVICES

ACTIVITY	PROJECT MANAGER		SENIOR ENGINEER		ENGINEER		DESIGNER		CADD TECHNICIAN		MHR BY ACTIVITY	TOTAL COST BY ACTIVITY
	MAN HOURS	\$ HOURLY RATE	MAN HOURS	\$ HOURLY RATE	MAN HOURS	\$ HOURLY RATE	MAN HOURS	\$ HOURLY RATE	MAN HOURS	\$ HOURLY RATE		
N/A												
	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
Subtotal	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
(d) ROADWAY (Post Des Services)	✓ 2	\$ ✓ 342.00	✓ 12	\$ ✓ 2,196.00	✓ 20	\$ ✓ 2,600.00	✓ 4	\$ ✓ 432.00	✓ 2	\$ ✓ 200.00	✓ 40	\$ ✓ 5,770.00
TOTAL OPT. SERVICES	✓ 2	\$ ✓ 342.00	✓ 12	\$ ✓ 2,196.00	✓ 20	\$ ✓ 2,600.00	✓ 4	\$ ✓ 432.00	✓ 2	\$ ✓ 200.00	✓ 40	\$ ✓ 5,770.00

✓ 2.91 multiplier

Exhibit "A" - Page 17 of 27

FEE PROPOSAL

For

**BRIDGE REPLACEMENT
for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL**

PALM BEACH CO. PROJECT NO. 2017512

For

PALM BEACH COUNTY

Prepared By:

RADISE INC.

GEOTECHNICAL ENGINEERING

March 16, 2017



**SCOPE/FEE PROPOSAL
 GEOTECHNICAL ENGINEERING SERVICES
 Florida Mango Road over the L-2 Canal
 Palm Beach County, Florida
 County Project Number: 2107512
 RADISE PROJECT NO. 161102**

	Qty	Unit	Unit Price	Total
1.0 FIELD EXPLORATION				
1.1 Mobilize Equipment - Drill Rig (Truck)	1	Each	\$ ✓ 350.00	\$ ✓ 350.00
1.2 MOT for project				
1.2.1 Cones, Sign, Flags	3	Day	\$ 250.00	\$ ✓ 750.00
1.2.2 Flagmen for Traffic Control (2-man crew)	30	Hour	\$ 130.00	\$ ✓ 3,900.00
1.3 Stake borings and Utility Clearance (Sr. Eng. Technician)	8	Hour	\$ ✓ 65.00	\$ ✓ 520.00
1.4 Coordinate, Develop MOT Plans, Notifications	4	Hour	\$ 105.00	\$ ✓ 420.00
1.5 Roadway (4 Pavement Cores & 4 Auger Borings @ 10 feet deep)				
1.5.1 Coring Machine plus Generator Rental	1	Trip	\$ ✓ 400.00	\$ ✓ 400.00
1.5.2 Pavement Cores - Asphalt	4	Each	\$ ✓ 60.00	\$ ✓ 240.00
1.5.3 Auger Borings	40	Foot	\$ ✓ 10.00	\$ ✓ 400.00
1.5.4 Grout Seal Boreholes (3") - 0' to 50'-LAND	40	Foot	\$ ✓ 4.00	\$ ✓ 160.00
1.6 Bridge Borings (Two SPT Borings on Canal Banks, 40 feet deep)				
1.6.1 SPT Boring-0' to 50' (Truck-Mounted) LAND	80	Foot	\$ ✓ 14.50	\$ ✓ 1,160.00
1.6.3 Grout Seal Boreholes (3")-0' to 50'-LAND	80	Foot	\$ ✓ 4.00	\$ ✓ 320.00
1.6.5 Casing Allowance - 0' to 50'	80	Foot	\$ ✓ 6.25	\$ ✓ 500.00
TOTAL FIELD WORK				\$ ✓ 9,120.00



**SCOPE/FEE PROPOSAL
 GEOTECHNICAL ENGINEERING SERVICES
 Florida Mango Road over the L-2 Canal
 Palm Beach County, Florida
 County Project Number: 2107512
 RADISE PROJECT NO. 161102**

2.0 LABORATORY SERVICES

	Qty	Unit	Unit Price	Total
2.1 Visual Classification (Sr. Engineering Technician)	4	Hour	\$ 70.00	\$ 280.00
2.2 Natural Moisture Content Tests	12	Each	\$ 15.00	\$ 180.00
2.3 Full Grain Size Analysis	6	Each	\$ 75.00	\$ 450.00
2.4 Fine Content Determination (Passing No. 200 sieve)	8	Each	\$ 45.00	\$ 360.00
2.5 Organic Content Tests	4	Each	\$ 45.00	\$ 180.00
2.6 Corrosion Series tests(1 Canal Water Sample and 1 Soil Sample from Bridge Area)	2	Each	\$ 175.00	\$ 350.00
2.7 Atterberg Limit Testss	2	Each	\$ 85.00	\$ 170.00
			TOTAL LABORATORY SERVICES	\$ 1,970.00
			TOTAL FIELD & LABORATORY SERVICES	\$ 11,090.00



SCOPE/FEE PROPOSAL
 GEOTECHNICAL ENGINEERING SERVICES
 Florida Mango Road over the L-2 Canal
 Palm Beach County, Florida
 County Project Number: 2107512
 RADISE PROJECT NO. 161102

	Qty	Unit	Unit Price	Total
3.0 PROFESSIONAL SERVICES (Includes Slope Stability Analysis on One (1) Crossection)				
3.1 Principal Engineer	2	Hour	\$ 185.00	\$ 370.00
3.2 Sr. Geotechnical Engineer	12	Hour	\$ 155.00	\$ 1,860.00
3.3 Engineer, PE	24	Hour	\$ 125.00	\$ 3,000.00
3.4 Staff Engineer	48	Hour	\$ 105.00	\$ 5,040.00
3.5 Sr. Engineering Technician (Collect Corrosion Series samples)	4	Hour	\$ 70.00	\$ 280.00
3.6 Drafter/CADD	12	Hour	\$ 65.00	\$ 780.00
			TOTAL PROFESSIONAL SERVICES	\$ 11,330.00
			TOTAL AMOUNT	\$ 22,420.00

3.0 multiply

FEE PROPOSAL

For

**BRIDGE REPLACEMENT
for FLORIDA MANGO ROAD OVER THE PBC L-2 CANAL**

PALM BEACH CO. PROJECT NO. 2017512

For

PALM BEACH COUNTY

Prepared By:

BROWN & PHILLIPS, INC.

SURVEY AND RIGHT OF WAY ENGINEERING

March 16, 2017



February 2, 2017

Mr. Sean O'Keefe, P.E.
R. J. Behar & Company, Inc.
12788 Forest Hill Boulevard
Suite 2003B
Wellington, FL 33414

Re: Florida Mango Road over L-2 Canal Bridge Replacement Topographic Survey

Dear Sean:

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, The Thoroughfare Design Standards and all County requirements.

I. PROJECT DESCRIPTION

Palm Beach County Engineering and Public Works, Roadway Production Division, intends to replace the existing Florida Mango two-lane Bridge over the L-2 Canal, located east of the Palm Beach County L-2 Pump Station. The limits of the survey are approximately 450 linear feet of Florida Mango Road, 200' north and 250' south of the intersection with the L-2 Canal and a canal survey which will extend west to the pump station and 100' downstream of the bridge.

II. HORIZONTAL PROJECT NETWORK CONTROL

Using the information supplied by Palm Beach County, we will establish the Right-of-Way for Florida Mango Road. A traverse will be run through the route and all 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.

III. 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.

IV. 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.

O'Keefe
February 2, 2017
Page 2

V. BASELINE LAYOUT

We will lay out the baseline at 100-foot intervals setting appropriate points at each station. The baseline will be laid out within the limits of the 400' route. These baseline points will be used in the topographic and cross section phase to locate features and facilitate checks. The Right-of-Way will be staked at 100' intervals in accordance with the Design Standards Page 20 Phase IIE.

VI. REFERENCE POINTS

We will reference the baseline at intervals not exceeding 1400 feet along the route. These points will be used to replace disturbed baseline stations. We propose to set 2 references. Baseline control (begin/end project all PC's & PT's) both horizontal and vertical will be set and referenced outside the limits of construction. We will prepare a Project Network Control (PNC) Sheet meeting Palm Beach County Roadway Standards.

VII. SECTION TIES AND PROPERTY TIES

We will tie in section corners and property corners along the route to check the present alignment of Florida Mango Road. We will try to locate as many corners as possible to positively establish the current right of ways. 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.

VIII. 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). Approximate limits shown on attachment B.

IX. 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.

X. ASBUILTS

We will attempt to get asbuilt 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. This will include tracing the storm to the outfall west of the pump station. We will obtain these elevations for the approximately 9 structures, including attempting to asbuilt the stilling well.

XII. BRIDGE SURVEY, SOUNDINGS AND CONAL TOPOGRAPHIC SURVEY (230')

We will survey the structure over the L-2 Canal. We will do a detailed drawing of the existing structure and obtain elevations and locations, including rip rap, slope protection and channel information under the bridge. We will measure elevations of abutments, bridge piers and obtain soundings across the canal as noted below.

1. One at the Pump station discharge
2. One at the Contraction Point of the canal
3. One at west fascia of the bridge

O'Keefe
February 2, 2017
Page 3

4. One at the east fascia
5. One at end of rip rap at east side
6. One one hundred feet east of the rip rap.
7. Centerline profile of the canal with elevations between the cross sections

We will then prepare a separate drawing showing the cross sections in a plan and cross section view.

XIII. TREE LOCATIONS

We will locate all the trees and shrubs/hedges within the right of way and extending to 25 feet outside the right of way on both east and west sides of Florida Mango Road. These will be shown on the CADD file with types and caliper sizes. Not a tree survey.

XIV. OPTIONAL SERVICES:

XIV. LEGAL DESCRIPTIONS AND SKETCHES

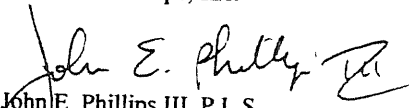
We will prepare a legal description and sketch as an optional service. The sketch will be based on record ownership data and record plats provided by Palm Beach County. The sketch will be consistent with the requirements of Palm Beach County and Florida Standards of Practice. We have estimated one (1) parcel for this project at \$450.00.

XV. CLOSURE

A certified signed and sealed Specific Purpose/Topographic Survey will be prepared and delivered, showing the existing right-of-way and supporting record information in addition to all improvements as outlined. We propose to provide R. J. Behar & Company, Inc. with six (6) hard copies and an AutoCAD file 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 \$8,749.64 (\$8,249.64 for the survey, \$50.00 for the boat and \$450.00 for the legal description & sketch, if needed); 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

Attachment

JEP/mb

ATTACHMENT 'A'

Florida Mango Road over L-2 Canal Bridge Replacement

Type of Survey: Roadway Design
Size: 750' +/- (including canal topo)
Date: February 2, 2017

TASK	3 MAN CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				1	
Horizontal Project Network Control	1			0.5	Establish control and right-of-way
Title Review			6	2	Review/compile furnished right-of-way
Vertical Project Network Control	2.5		0.5		Set benchmarks along corridor
Baseline Layout	0.5				Layout baseline at 100' intervals
Reference Points	2		1		Set references and prepare PNC Sheet
Section Ties	1		0.5		Tie in PBCo. Horizontal control
Subdivision & Property Ties	2		2		Tie in adjoining property corners
Topography	6		1		Locate all above ground features
Cross Sections	4		2	1	At 100' intervals to 25' outside R/W - TIN file
Asbuilts	4		0.5		Asbuilt storm structures
Bridge Survey, Soundings and Canal Topography	8	4	0.5		Detail of structure over L-2 and soundings
Topographic Survey		8	2	1	Prepare topographic survey
Total Hours:	✓ 31	✓ 12	✓ 16	✓ 5.5	
Rate/Hour	✓ \$162.37	✓ \$90.28	✓ \$90.28	✓ \$125.15	
Subtotal:	✓ \$5,033.47	✓ \$1,083.36	✓ \$1,444.48	✓ \$688.33	
Total Labor Cost:					✓ \$8,249.64

Other Direct Costs:

	quantity	unit	cost/unit	total	
Legal Description & Sketch	1	each	✓ \$450.00	✓ \$450.00	* (Optional Services)
Small Boat	1	day	✓ \$50.00	✓ \$50.00	

Total Other Direct Costs:

✓ \$500.00

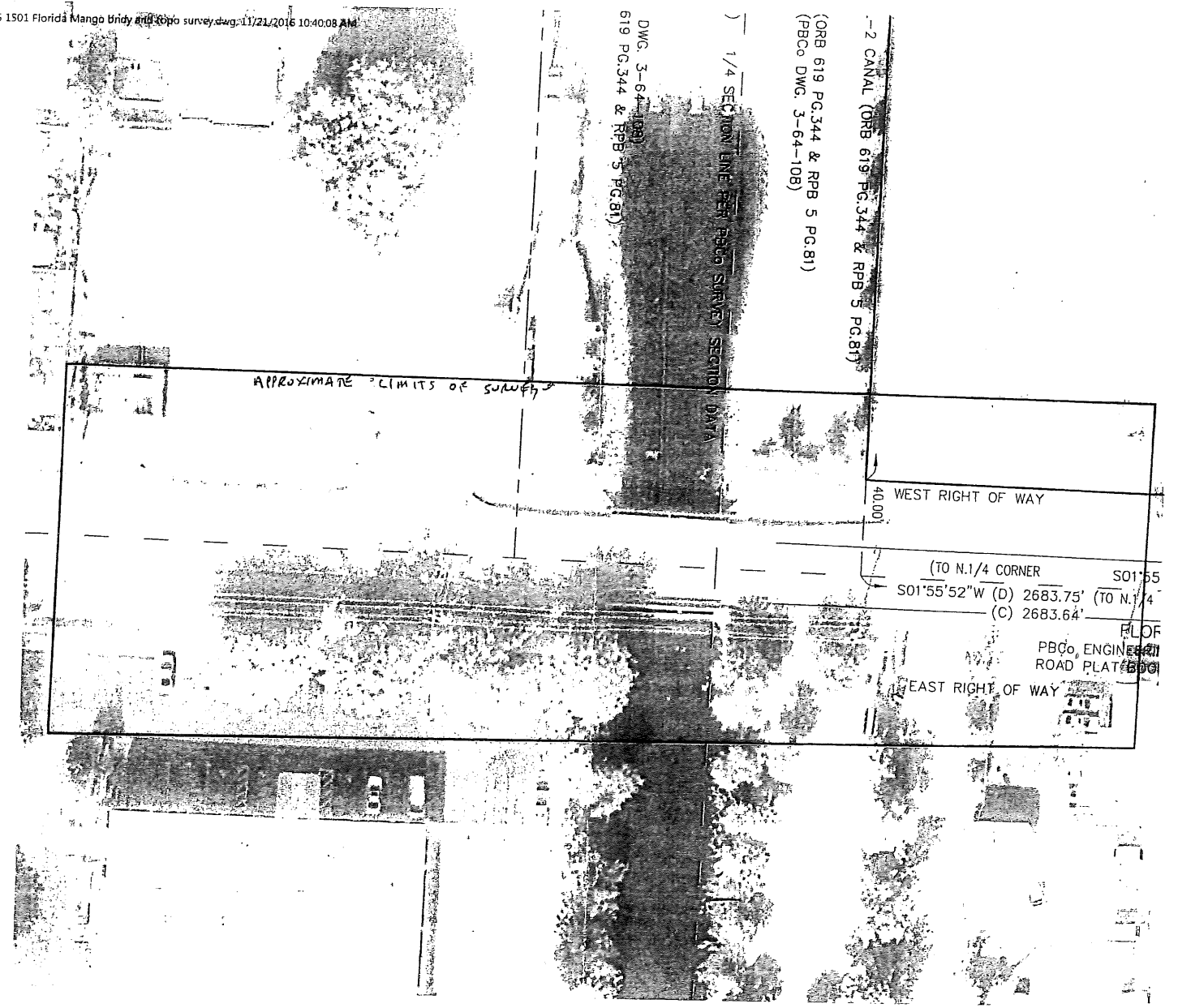
TOTAL PRICE

✓ 3.0 multiples

✓ \$8,749.64

S:\2016 drawing files\16-065\16-065 1501 Florida Mango Bridge and Rpo survey.dwg:11/21/2016 10:40:08 AM

Exhibit "A" - Page 27 of 27



(ORB 619 PG.344 & RPB 5 PG.81)
(PBCO DWG. 3-64-108)

(ORB 619 PG.344 & RPB 5 PG.81)
(PBCO DWG. 3-64-108)

4

CERTIFICATION STATEMENTS

Exhibit "B" – Page 1 of 2

Project: **Florida Mango Road over PBC L-2 Canal Bridge Replacement**
Project No.: **2017512**

Consultant/Annual Consultant: **R.J. Behar & Company, Inc.**

TRUTH-IN-NEGOTIATION STATEMENT

By entering into this Contract, the **CONSULTANT/ANNUAL CONSULTANT** certifies that the wage rates and costs used to determine the lump sum fees contained in herein are accurate, complete and current as of the date of this Contract.

The said lump sum fees shall be adjusted to exclude any significant sums should the **COUNTY** determine that the lump sum fees were increased due to inaccurate, incomplete or non-current wage rates or due to inaccurate representations of fees paid to outside consultants.

The **COUNTY** shall exercise its right under this "Certificate" within one year following final payment.

PROHIBITION AGAINST CONTINGENT FEES STATEMENT

By entering into this Contract the **CONSULTANT/ANNUAL CONSULTANT** warrants that they have not employed or retained any company or person other than a bonafide employee working solely for the **CONSULTANT/ANNUAL CONSULTANT** to solicit or secure this Contract and that they have not paid or agreed to pay any person, company, corporation, individual or firm other than a bonafide employee working solely for the **CONSULTANT/ANNUAL CONSULTANT**, any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award of making of this Contract.

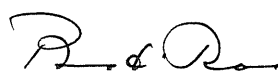
PUBLIC ENTITY CRIMES STATEMENT

As provided in F.S. 287.132-133, by entering this Contract or performing any work in furtherance hereof, the **CONSULTANT/ANNUAL CONSULTANT** certifies that it, its affiliates, suppliers, sub-contractors and consultants who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the 36 months immediately preceding the date hereof. This notice is required by F.S. 287.133 (3) (a).

NON-DISCRIMINATION STATEMENT

The **CONSULTANT/ANNUAL CONSULTANT** warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status, sexual orientation, gender identity and expression, or genetic information pursuant to Palm Beach County Resolution R-2014-1421, as may be amended.

CONSULTANT/ANNUAL CONSULTANT has submitted to the **COUNTY** a copy of its non-discrimination policy which is consistent with the above paragraph, as contained in Resolution R-2014-1421, as amended, or in the alternative, if the **CONSULTANT/ANNUAL CONSULTANT** does not have a written non-discrimination policy or one that conforms to the **COUNTY's** policy, it has acknowledged through a signed statement provided to **COUNTY** that **CONSULTANT/ANNUAL CONSULTANT** will conform to the **COUNTY's** non-discrimination policy as provided in R-2014-1421, as amended.



Robert J. Behar, P.E., President

CONFLICT OF INTEREST DISCLOSURE FORM

Exhibit "B" – Page 2 of 2

Project: Florida Mango Road over PBC L-2 Canal Bridge Replacement
Project No.: 2017512

CONSULTANT/ANNUAL CONSULTANT represents that it presently has no interest, either direct or indirect, which would or could conflict in any manner with the performance of services for the County, except as follows:

(Attach additional sheets as needed.)

CONSULTANT/ANNUAL CONSULTANT further represents that no person having any interest shall be employed for said performance. By signing below, CONSULTANT/ANNUAL CONSULTANT certifies that the information contained herein is true and correct and constitutes all current potential conflicts of interest which may influence or appear to influence CONSULTANT'S/ANNUAL CONSULTANT'S judgment or quality of services being provided to the County.

CONSULTANT/ANNUAL CONSULTANT shall promptly notify the COUNTY in writing by certified mail of all potential conflicts of interest that may arise in the future through any prospective business association, interest or other circumstance which may influence or appear to influence CONSULTANT'S/ANNUAL CONSULTANT'S judgment or quality of services being provided to the County. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that CONSULTANT/ANNUAL CONSULTANT may undertake and request an opinion of the COUNTY as to whether the association, interest or circumstance would, in the opinion of the COUNTY, constitute an unacceptable conflict of interest if entered into by the CONSULTANT/ANNUAL CONSULTANT.

If, in the sole opinion of the COUNTY, the prospective business association, interest or circumstance of CONSULTANT/ANNUAL CONSULTANT would constitute an unacceptable conflict of interest to the COUNTY, the COUNTY shall so state in the notification and the CONSULTANT/ANNUAL CONSULTANT shall not enter into said association, interest or circumstance.

THIS DISCLOSURE is submitted by Robert J. Behar, P.E., as
(Name of Individual)

President, of R. J. Behar & Company, Inc.
(Title/Position) (Firm Name of CONSULTANT/ANNUAL CONSULTANT)

who hereby certifies that the information stated above is true and correct. Further, it is hereby acknowledged that any misrepresentation by the CONSULTANT/ANNUAL CONSULTANT on this Disclosure is considered an unethical business practice and is grounds for sanctions against future County business with the CONSULTANT/ANNUAL CONSULTANT.



(Signature)

9-16-17

(Date)

Palm Beach County
Engineering & Public Works Roadway Production

PARTICIPATION FOR MWBE/SBE CONSULTANTS
Contract

Exhibit "C" – Page 1 of 2

Project Name: Florida Mango Road over PBC L-2 Canal - Bridge Replacement	Project Number: 2017512
Prime Vendor: R.J. Behar & Company, Inc.	Resolution Number
Telephone: (561) 333-7000	Resolution Date 2/21/2017
Contact: Juan H. Vazquez, P.E.	Department: Engineering & Public Works

MINORITY SUBCONTRACTORS

Minority Sub-Consultant	Type of Work Performed	----- Contract Dollar Amount for Sub-Consultant -----				
		Black	Hispanic	Women	Other	White Male
R.J. Behar & Company, Inc. 12788 FOREST HILL BLVD, STE 200 WELLINGTON, FL 33414 (561) 333-7000	MWBE	0.00	77,479.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	0.00
RADISE International, L.C. 4152 W BLUE HERON BLVD, #1114 RIVIERA BEACH, FL 33404 (561) 841-0103	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	22,420.00	0.00
Brown & Phillips, Inc. 1860 OLD OKEECHOBEE ROAD, SUI WEST PALM BEACH, FL 33409 (561) 615-3988	MWBE	0.00	0.00	0.00	0.00	
	SBE	8,299.64	0.00	0.00	0.00	0.00
R.J. Behar & Company, Inc. 12788 FOREST HILL BLVD, STE 200 WELLINGTON, FL 33414 (561) 333-7000	MWBE	0.00	564.25	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	0.00
R.J. Behar & Company, Inc. 12788 FOREST HILL BLVD, STE 200 WELLINGTON, FL 33414 (561) 333-7000	MWBE	0.00	5,770.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	0.00
Brown & Phillips, Inc. 1860 OLD OKEECHOBEE ROAD, SUI WEST PALM BEACH, FL 33409 (561) 615-3988	MWBE	0.00	0.00	0.00	0.00	
	SBE	450.00	0.00	0.00	0.00	0.00
Total Contract Authorizaton \$114,982.89	Total MWBE	0.00	83,813.25	0.00	0.00	
	Percentage	0.00%	72.89%	0.00%	0.00%	
	Total SBE	8,749.64	0.00	0.00	22,420.00	0.00
	Percentage	7.61%	0.00%	0.00%	19.50%	0.00%

SCHEDULE 1

LIST OF PROPOSED SBE-M/WBE PRIME AND/OR SUBCONTRACTOR PARTICIPATION

PROJECT NAME OR BID NAME: Florida Mango Road over PBC L-2 Canal Bridge Replacement PROJECT NO. OR BID NO.: 2017512
 NAME OF PRIME BIDDER: R. J. Behar & Company, Inc. ADDRESS: 12788 Forest Hill Blvd., Suite 2003B Wellington, FL 33414
 CONTACT PERSON: Sean O'Keefe, P.E. PHONE NO.: 561-333-7000 FAX NO.: 561-333-7001
 BID OPENING DATE: _____ USER DEPARTMENT: Engineering & Public Works

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE -M/WBE SUBCONTRACTORS ON THIS PROJECT. IF THE PRIME IS AN SBE-M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT.

Name, Address and Phone Number	(Check one or both Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	M/WBE Minority Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. R.J. Behar & Company, Inc. 12788 Forest Hill Blvd., Suite 2003B Wellington, FL 33414 561-333-7000	<input checked="" type="checkbox"/>	<input type="checkbox"/>		72.89%			
2. Brown & Phillips, Inc. 1860 Old Okeechobee Road, Suite 509 West Palm Beach, FL 33409 561-615-3988	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.61%				
3. Radise International, LLC 4152 West Blue Heron Blvd, Suite # 228 Riviera Beach, FL 33404 561- 841-0103	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					Asian 19.5%
4.	<input type="checkbox"/>	<input type="checkbox"/>					
5.	<input type="checkbox"/>	<input type="checkbox"/>					
Total			7.61%	72.89%			19.5%

(Please use additional sheets if necessary)

Total Bid Price \$114,989.89 Total SBE-M/WBE Participation Dollar Amount or Percentage of Work 100%

- Note:**
- The amount listed on this form for a subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal in order to be counted toward goal attainment.
 - Firms may be certified by Palm Beach County as an SBE and/or and M/WBE. If firms are certified as both an SBE and N/WBE, please indicate the dollar amount or percentage under the appropriate category.
 - M/WBE information is being collected for tracking purposes only.

Revised 03/15/2011

Exhibit "C" - Page 2 of 2

**OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR** **Exhibit "D" – Page 1 of 2**

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor is SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: 2017512 PROJECT NAME: Florida Mango Road over PBC L-2 Canal Bridge Replacement
 TO: R.J. Behar & Company, Inc.
 (Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise Minority Business Enterprise
 Black Hispanic Women Caucasian Other (Please Specify) _____

Date of Palm Beach County Certification: January 28, 2016 - January 27, 2019

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No. Item Description	Qty/Units	Unit Price	Total Price/ Percentage
<u>Topographic Survey</u>	<u>1 / LS</u>	<u>\$8,249.64</u>	<u>\$8,249.64</u>
<u>Boat Expense</u>	<u>1 / LS</u>	<u>\$50.00</u>	<u>\$50.00</u>
<u>Legal Description & Sketch</u>	<u>1 / EA</u>	<u>\$450.00</u>	<u>\$450.00</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

at the following price or percentage
(\$8,749.64) 7.61%
 (Subcontractor's quote)

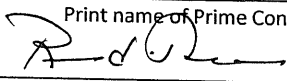
and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

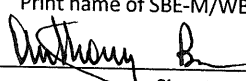
Price and/or Percentage _____ / _____
 (Name of Subcontractor)

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

R.J. Behar & Company, Inc.
 Print name of Prime Contractor
 By: 
 Signature

ROBERT J. BEHAR / PRESIDENT
 Print name/title of person executing on behalf
 Prime Contractor

Brown & Phillips, Inc.
 Print name of SBE-M/WBE Subcontractor
 By: 
 Signature

Anthony Brown, CEO
 Print name/title of person executing on behalf
 of SBE/M/WBE Subcontractor

**OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR**

Exhibit "D" – Page 2 of 2

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor is SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: 2017512 PROJECT NAME: Florida Mango Road over PBC L-2 Canal Bridge Replacement

TO: R.J. Behar & Company, Inc.
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise Minority Business Enterprise
Black Hispanic Women Caucasian Other (Please Specify)

Date of Palm Beach County Certification: 11/1/2014 to 10/31/2017

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No. Item Description	Qty/Units	Unit Price	Total Price/ Percentage
<u>Geotechnical Engineering & Consulting</u>			<u>19.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

at the following price or percentage
19.50%
(Subcontractor's quote)

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

Price and/or Percentage \$22,420.00 / RADISE International, L.C.
(Name of Subcontractor)

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

R.J. Behar & Company, Inc.
Print name of Prime Contractor
By: [Signature]
Signature
ROBERT J. BEHAR / PRESIDENT
Print name/title of person executing on behalf
Prime Contractor

RADISE International, L.C.
Print name of SBE-M/WBE Subcontractor
By: [Signature]
Signature
Kumar A. Allady, P.E., CEO
Print name/title of person executing on behalf
of SBE-M/WBE Subcontractor
03/16/2017
Date:

Client#: 25186

RJBEHARC

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/29/2016

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 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 Greying Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022		CONTACT NAME: Nicole Larsen PHONE (A/C, No, Ext): 770-552-4225 FAX (A/C, No): 866-550-4082 E-MAIL ADDRESS: Nicole.Larsen@greying.com	
INSURED R.J. Behar & Company, Inc. 6861 S.W. 196th Avenue Suite 302 Pembroke Pines, FL 33332		INSURER(S) AFFORDING COVERAGE	
		INSURER A: Sentinel Insurance Co Ltd	NAIC # 11000
		INSURER B: Travelers Casualty & Surety Co	31194
		INSURER C: Continental Casualty Company	20443
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 16-17

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.

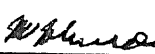
INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			20SBMAC0037	11/17/2016	11/17/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			20UECNG0289	11/17/2016	11/17/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			20SBMAC0037	11/17/2016	11/17/2017	EACH OCCURRENCE \$4,000,000 AGGREGATE \$4,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			UB3864T214	01/01/2017	11/17/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C	Professional Liability			AEH288363639	11/17/2016	11/17/2017	Per Claim \$2,000,000 Aggregate \$3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: For All Projects with Palm Beach County. 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 the above referenced liability policies with the exception of workers compensation & professional liability where required by written contract. Retroactive Date: Full Retro.

CERTIFICATE HOLDER

CANCELLATION

Palm Beach County/o Insurance Tracking Services, Inc.-ITS P.O. Box 20270 Long Beach, CA 90801	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 
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FLORIDA MANGO BRIDGE REPLACEMENT OVER THE L-2 CANAL DESIGN SCHEDULE

PALM BEACH COUNTY ROADWAY PRODUCTION Project No. 2017512

ID	Task Name	Duration	Start	Finish	2017												2018											
					Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
1	Notice to Proceed	1 day	Tue 6/13/17	Tue 6/13/17																								
2	Topographic Survey	85 days	Wed 6/14/17	Tue 10/10/17																								
3	Geotechnical Exploration	35 days	Wed 10/11/17	Tue 11/28/17																								
4	Initial Design Meeting	1 day	Fri 6/23/17	Fri 6/23/17																								
5	Typical Section Submittal	30 days	Mon 6/26/17	Fri 8/4/17																								
6	County Review	30 days	Mon 8/7/17	Fri 9/15/17																								
7	Initial Utility Contact	7 days	Wed 10/11/17	Thu 10/19/17																								
8	35% Design	60 days	Wed 9/6/17	Tue 11/28/17																								
9	County Review	30 days	Wed 11/29/17	Tue 1/9/18																								
10	Permit Preapplication Mtg	1 day	Fri 1/19/18	Fri 1/19/18																								
11	65% Design	90 days	Wed 12/27/17	Tue 5/1/18																								
12	County Review	30 days	Wed 5/2/18	Tue 6/12/18																								
13	First Utility Coordination Mtg	1 day	Wed 6/13/18	Wed 6/13/18																								
14	Pot Hole Utilities	10 days	Thu 5/31/18	Wed 6/13/18																								
15	Utility Conflict Resolution Plans	15 days	Thu 6/14/18	Wed 7/4/18																								
16	Permitting (SFWMD)	180 days	Wed 11/29/17	Tue 8/7/18																								
17	96% Design	30 days	Thu 5/24/18	Wed 7/4/18																								
18	County Review	30 days	Thu 7/5/18	Wed 8/15/18																								
19	Design Consultant Utility Mtg	1 day	Thu 8/16/18	Thu 8/16/18																								
20	100% Design	35 days	Thu 8/16/18	Wed 10/3/18																								
21	County Review	30 days	Thu 10/4/18	Wed 11/14/18																								
22	Utility Pre-Advertising Mtg	1 day	Thu 11/15/18	Thu 11/15/18																								
23	Final Submission	30 days	Mon 11/5/18	Fri 12/14/18																								

Prepared by RJ Behar & Company Date: April 4, 2017	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

RJ BEHAR & COMPANY, INC.