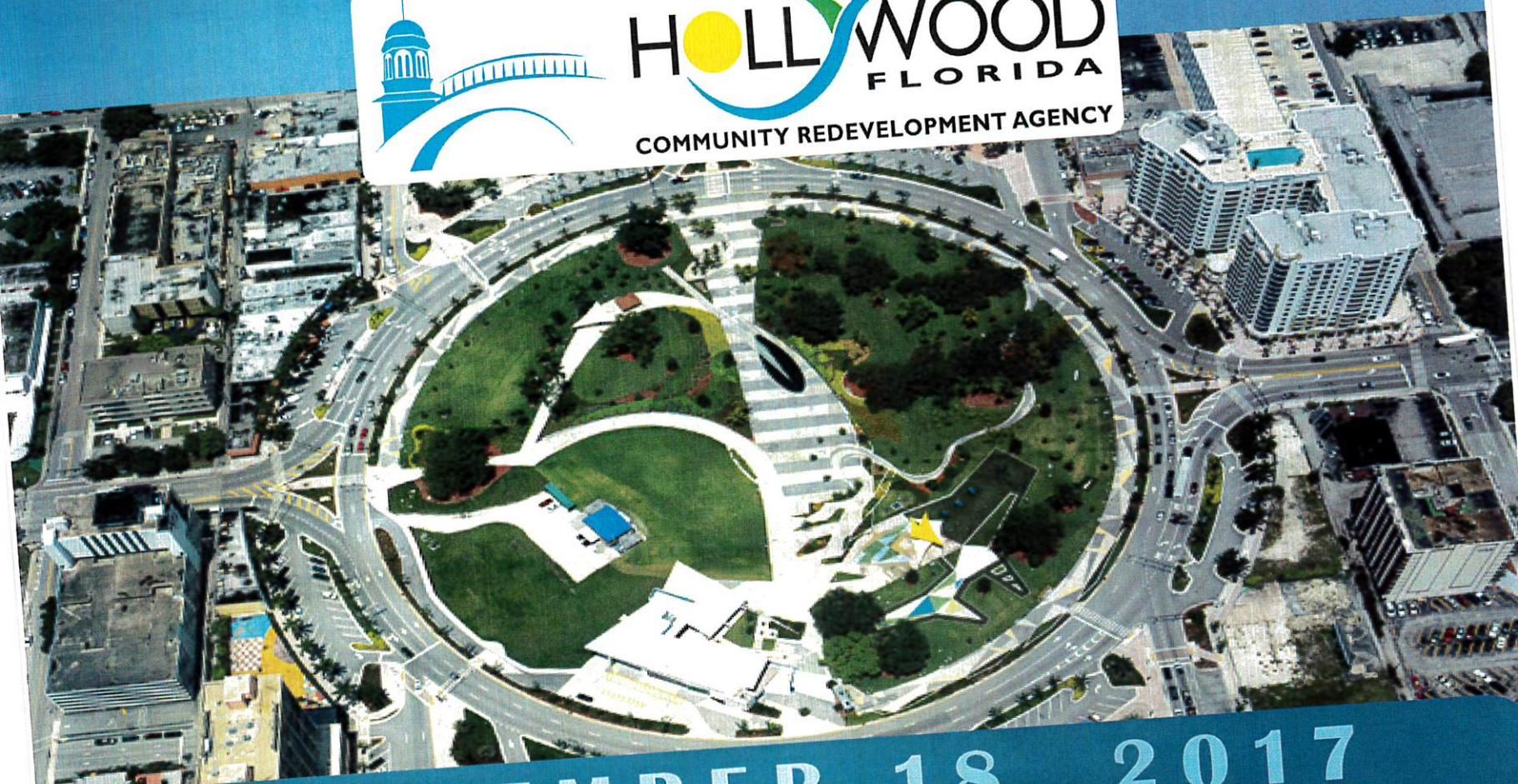
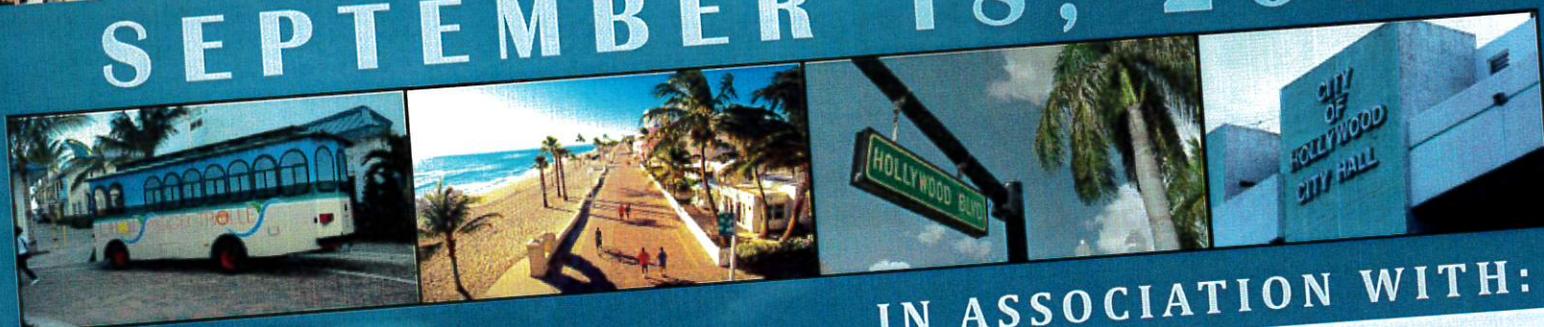


# REQUEST FOR QUALIFICATIONS TO PROVIDE TRAFFIC ENGINEERING SERVICES TO THE CRA FOR CAPITAL PROJECTS CRA 17-020

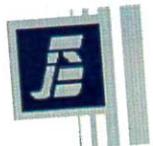


## SEPTEMBER 18, 2017



SUBMITTED BY:

IN ASSOCIATION WITH:



**R.J. Behar & Company, Inc.**  
Engineers • Planners





# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

## SECTION 1 | TITLE PAGE

### PROJECT NAME:

Request for Qualifications to provide Traffic Engineering Services to the  
CRA for Capital Projects  
CRA 17-020

### NAME OF THE PROPOSER'S FIRM

R.J. Behar & Company, Inc.

### ADDRESS

6861 SW 196<sup>th</sup> Avenue, Suite 302  
Pembroke Pines, Florida 33332

### TELEPHONE NUMBER

Tel: (954) 680-7771

### CONTACT PERSON NAME

Mr. Rafael De Arazoza, PE, PTOE, CPM  
Project Manager  
E-mail: rdearagoza@jbehar.com

### SUBMITTAL DUE DATE

Monday, September 18, 2017 at 10:00am





# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

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**R.J.Behar & Company, Inc.**  
E n g i n e e r s • P l a n n e r s

September 18, 2017

Office of the City Clerk, City of Hollywood  
2600 Hollywood Boulevard, Room #220  
Hollywood, Florida 33020

RE: **Request for Qualifications (RFQ) CRA 17-020**  
**Traffic Engineering Services to the CRA for Capital Projects**

To Whom It May Concern:

**R.J. Behar & Company, Inc. (RJ Behar)** is pleased to submit this proposal to provide *Traffic Engineering Services* to serve the **City of Hollywood**. Led by **RJ Behar**, our highly qualified team will be supported by the following experienced subconsultants: **Miller Legg & Associates, Inc.** who will provide Landscape Architecture Services; **Tierra South Florida, Inc.** who will be in charge of Geotechnical Services/Materials Testing Lab; and **M. G. Vera & Associates, Inc.** who will provide the field Survey Services for this project.

We are confident that we can provide the City of Hollywood with quality professional services needed for the successful completion of this contract. We have the expertise and knowledge from working on similar traffic/planning services contracts with agencies such as the Florida Department of Transportation, Palm Beach County, Broward County, Miami-Dade County, Cities of Doral, Miami Gardens, Fort Lauderdale, Lauderdale Lakes, Lauderhill, Hallandale Beach, Hialeah and many others.

#### **UNDERSTANDING THE SCOPE OF WORK**

RJ Behar understands that the City of Hollywood's CRA is seeking engineering firms with experience in transportation, traffic, urban design, and other municipal projects. **RJ Behar** has developed significant expertise in the Transportation Planning and Traffic Engineering fields. We are very familiar with all applicable policies, guidelines, regulations and standards within these disciplines. In approaching all transportation planning projects, **RJ Behar** integrates the land use issues and transportation relationships in order to provide the proper balance between the travel modes and the operation of the facility, taking into consideration the social, environmental and engineering constraints, and available funding to provide innovative and practical solutions to our clients. We also recognize the importance of involving elected officials and the public throughout the planning process in order to obtain meaningful solutions, which contribute to successful projects.

#### **OFFICE LOCATION RESPONSIBLE FOR PROJECT**

Our office located at 6861 SW 196<sup>th</sup> Avenue, Suite 302, Pembroke Pines, Florida 33332 will be responsible for this project. The persons who will be authorized to make representation on this contract will **be Mr. Robert J. Behar, PE** Principal in Charge/President/CEO and **Mr. Rafael De Arozoza, PE, PTOE, CPM** Project Manager. They can both be reached at 954-680-7771 and by e-mail ([bbehar@rjbehar.com](mailto:bbehar@rjbehar.com); [rdearagoza@rjbehar.com](mailto:rdearagoza@rjbehar.com)).

#### **KNOWLEDGE AND EXPERIENCE**

**RJ Behar's** principals have been providing transportation engineering and planning services for more than 42 years. Our staff has extensive knowledge and experience with South Florida regulations and agencies. From

our project examples listed within the proposal, you will see that RJ Behar's Staff has extensive experience working on this exact type of contract.

I personally commit to the overall successful completion, in terms of quality, timeliness, budget and satisfaction. We also strongly believe in value-based principles. For the team, I enthusiastically offer this proposal and look forward to a most favorable relationship between *The City of Hollywood's CRA* and **RJ Behar**.

The **CRA** can expect from **RJ Behar** 1) undivided attention to quality control; 2) priority service; 3) personal, hands-on service; and 4) a team with recent relevant experience. The professionalism of the **RJ Behar Team** will enable us to better serve the City's Staff and strive to surpass your expectations.

Sincerely,

**R. J. BEHAR & COMPANY, INC.**



**Robert J. Behar, PE**  
**President/CEO**

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> <b>Traffic Engineering Services to the CRA for Capital Projects, City of Hollywood, Florida</b>	
2. PUBLIC NOTICE DATE <b>August 8, 2017</b>	3. SOLICITATION OR PROJECT NUMBER <b>RFQ No. CRA 17-020</b>

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE <b>Rafael De Arazoza, PE, PTOE, CPM - Project Manager</b>		
5. NAME OF FIRM <b>R. J. BEHAR &amp; COMPANY, INC.</b>		
6. TELEPHONE NUMBER <b>(954) 680-7771</b>	7. FAX NUMBER <b>(954) 680-7781</b>	8. EMAIL ADDRESS <b>rdearazozai@rjbehar.com</b>

### C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

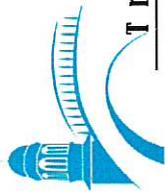
	PRIME	JV PARTNER	SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	<input checked="" type="checkbox"/>			<b>R.J. BEHAR &amp; COMPANY, INC.</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, Florida 33332	▪ Civil & Transportation & Planning Engineering
b.			<input checked="" type="checkbox"/>	<b>M.G. VERA &amp; ASSOCIATES, INC.</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	13960 SW 47 <sup>th</sup> Street Miami, Florida 33175	▪ Surveying Services
c.			<input checked="" type="checkbox"/>	<b>MILLER LEGG &amp; ASSOCIATES, INC.</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5747 N. Andrews Way, Fort Lauderdale, Florida 33309	▪ Landscape Architecture Services
d.			<input checked="" type="checkbox"/>	<b>TIERRA SOUTH FLORIDA, INC.</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	▪ Geotechnical Services
e.				<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

AUTHORIZED FOR LOCAL REPRODUCTION  
MANDATORY USE DATE OF FORM 6/2004

STANDARD FORM 330 PART I - PAGE 1



# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

## D. ORGANIZATIONAL CHART OF PROPOSED TEAM

### CITY OF HOLLYWOOD CRA

**R.J.Behar & Company, Inc.**  
Engineers • Planners

#### Project Manager

Rafael De Arazoza, PE, PTOE, CPM

#### Principal In Charge/ Quality Assurance/Quality Control

Robert J. Behar, PE

#### Roadway Design

Carlos Mazorra, PE  
Sean O'Keefe, PE  
Jasmani Riveron, PE  
Marlin Scattolini, PE  
Nanette Akyaz

#### Civil Site Planning and Design including Land Use

Robert J. Behar, PE  
Marlin Scattolini, PE  
Kira Leon, EI  
Richard Bolt  
Michelle Leon, EI  
Hernando Segura

#### Traffic Engineering & Transportation Planning

Rafael De Arazoza, PE, PTOE, CPM  
Sean O'Keefe, PE

#### Traffic Signal/Timing & Design

Rafael De Arazoza, PE, PTOE, CPM  
Carlos Mazorra, PE  
Marlin Scattolini, PE  
Renato Alva

#### Traffic Studies/Data Collection

Rafael De Arazoza, PE, PTOE, CPM  
Renato Alva EI  
Kira Leon, EI  
Logan Fasanella  
Yaharris Flores

#### Stormwater/ Drainage Design

Juan H. Vazquez, PE, PH, BCEE  
Hans Murzi, PE  
Paola Riveros, PE  
Elmer Cardenas, PE  
Kira Leon, EI  
Joseph D. Edwards, EI  
Sugeily Patxot

#### Construction Management

David G. Romano, PE  
Javier Bejarano, PE  
Stacy Sookdew-Sing  
Richard Bolt

#### Construction Engineering and Inspection

Stacy Sookdew-Sing  
Dalton Polanco, EI  
Michelle Leon, EI  
Michael Owensby  
Humberto Soteras  
Logan Fasanella

#### Plans Review/Permitting

Juan H. Vazquez, PE, PH, BCEE  
Carlos Mazorra, PE  
Marlin Scattolini, PE  
Hans Murzi, PE  
Richard Bolt

### IN ASSOCIATION WITH:



### SUBCONSULTANTS SUPPORT STAFF

#### Surveying Services

Manuel G. Vera, Jr., PSM  
Mark R. Sowers, PSM

M.G. Vera & Associates, Inc.

#### Landscape Design

Michael Kroll, RLA, FASLA  
Brian Shore, RLA  
Nelson Perez  
William Mohler, CA, CLI

Miller Legg & Associates, Inc.

#### Geotechnical Services

Raj Krishnasamy, PE  
Kumar Vedula, PE

Tierra South Florida, Inc.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>RAFAEL DE ARAZOZA, PE, PTOE, CPM</b>	13. ROLE IN THIS CONTRACT <b>PROJECT MANAGER</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>40</b>	b. WITH CURRENT FIRM <b>6</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R. J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.S. Civil Engineering, Florida International University</b> <b>A.S. Civil Engineering, Miami-Dade College</b> <b>Certified Public Manager, Florida State University/FDOT</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>P.E. Florida No.24487/1980</b> <b>Professional Traffic Operations Engineer (PTOE) No.2852</b> <b>Certified Public Manager (CPM)</b>	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

His awards include the FDOT Outstanding Achievement Award, FDOT Employee Special Recognition/Accomplishment Award, and Leadership Recognition Award by the South Florida Chapter. He is a member of the Society of Certified Public Managers. He has been featured in Who's Who in America.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>Districtwide Traffic Operations/Safety Studies - FDOT District 6</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Project Manager who is performing traffic operations and safety studies, to date, RJ Behar has successfully completed 58 studies, identifying operational and safety improvements, which include <i>Crash Analysis, Highway Lighting Study, Fatal Crash Review, Intersection Safety and Traffic Operations Study, Roadway Lighting Field Inventory, Speed Data Collection, Spot Speed Study and Safe Curve Speed Study, Vehicle Gap Analysis, Traffic Data Collection, Road Safety Audit, Intersection Quality Assessment Study,</i> <b>a. Intersection Improvements, Traffic Signal Warrant Analysis. Project Cost: TWO varies</b>		
(1) TITLE AND LOCATION (City and State) <b>Traffic Calming Reviews – City of Doral, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Project Manager who reviewed written portions of the report and reviewed the responses from Doral's Public Works Department; reviewed traffic count data and intersection analyses for existing and future conditions; reviewed speed data and vehicular queuing analyses; reviewed vehicular stop/delay analyses; reviewed of Trip Generation/Distribution analyses; met with Doral's PWD staff to discuss results and findings; performed field reviews during AM & PM peak periods to assess traffic operations and safety, and reviewed the response comments from the applicant and advising the City of these. <i>Project Cost: \$10,000</i> <b>b. reviewed the response comments from the applicant and advising the City of these. Project Cost: \$10,000</b>		
(1) TITLE AND LOCATION (City and State) <b>I-595 Traffic Signal Timing – FDOT District 4</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Task Manager responsible for evaluating the existing signal timings at intersections along SR-84 including Flamingo Road, Hiatus Road, Nob Hill Road, Pine Island Road, University Drive and Davie Road. The existing signal timings provided by the County were reviewed and modified to accommodate changes anticipated in the existing traffic patterns due to the newly constructed I-595 Express lanes. <b>c. Express lanes.</b>		
(1) TITLE AND LOCATION (City and State) <b>Traffic Engineering/Transportation Planning – City of Doral, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2012</b>	CONSTRUCTION (If applicable) <b>2014</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Project Manager who provided traffic engineering and transportation planning services, including the review of numerous traffic impact studies and performing traffic calming and signal warrants studies. <i>Project Cost: \$40,000.</i> <b>d. Project Manager who provided traffic engineering and transportation planning services, including the review of numerous traffic impact studies and performing traffic calming and signal warrants studies. Project Cost: \$40,000.</b>		
(1) TITLE AND LOCATION (City and State) <b>NW 87<sup>th</sup> Avenue from NW 74<sup>th</sup> Street to NW 103<sup>rd</sup> Street Traffic Study – Miami-Dade County, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2012</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> <b>Check if project performed with current firm</b> Project Manager in charge of a comprehensive traffic operations study to evaluate alternatives and determine potential improvement recommendations to address operations and safety deficiencies. Project length: 1.90 miles. <i>Project Cost: \$55,000 (Fees Only)</i> <b>e. Project Manager in charge of a comprehensive traffic operations study to evaluate alternatives and determine potential improvement recommendations to address operations and safety deficiencies. Project length: 1.90 miles. Project Cost: \$55,000 (Fees Only)</b>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>ROBERT J. BEHAR, PE</b>	13. ROLE IN THIS CONTRACT <b>PRINCIPAL IN CHARGE, QUALITY CONTROL &amp; ASSURANCE</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>40</b>	b. WITH CURRENT FIRM <b>17</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R. J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			

16. EDUCATION (DEGREE AND SPECIALIZATION) <b>M.E. Civil Engineering, University of Florida</b> <b>B.S. Civil Engineering, University of Florida</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>P.E. No. 21755 Florida/1980</b> <b>P.E. No. 19836 Kentucky/1997</b> <b>P.E. No. 6201043655 Michigan/1997</b> <b>P.E. No. E-62643 Ohio/1997</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Behar is a very active member of various engineering societies. He has served as president of the South Florida Section and Miami-Dade Branch of the American Society of Civil Engineers, Chair of the American Society of Civil Engineers Highway Division, Chair of Florida Institute of Consulting Engineers Transportation Production Committee, and member of the Transportation Research Board's Geometric Design Committee. He was awarded the Ben Watts Partnership Award in 2010.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>Young's Circle Improvements, Broward County, FL – FDOT, District 4</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>1988</b>	CONSTRUCTION (If applicable) <b>1990</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: He supervised the design reconstruction and reconfiguration of Young's Circle including all signage, signalization, maintenance of traffic, roadway design, and drainage. The project included coordination with property owners for right-of-way acquisition and for the air property rights along the southern approach to the circle. Construction Cost: \$4,000,000		
(1) TITLE AND LOCATION (City and State) <b>NW 87<sup>th</sup> Avenue from NW 74<sup>th</sup> Street to NW 103<sup>rd</sup> Street, Miami-Dade County, FL – FDOT District 6</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal in Charge/Project Manager for roadway design of new construction and reconstruction of NW 87 <sup>th</sup> Avenue. The scope included the new construction and reconstruction; including roadway plans, drainage, traffic, lighting, signing and marking, signalization and bridge plans. Project length: 1.90 miles ± Cost/Fees Paid: \$2,294,823.00; Construction Cost: \$34,800,000		
(1) TITLE AND LOCATION (City and State) <b>SR-7/US-441 Roadway Lighting and NW 11<sup>th</sup> Place Pedestrian Lighting Improvements LAP Project - City of Lauderhill/FDOT, District 4</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal in Charge for the milling and resurfacing, installation of decorative stamped concrete and asphalt, lighting, landscaping, and street furniture. This was a FDOT Local Agency Program (LAP). The scope included the design, quality assurance reviews of the plans, permitting and coordination with the respective agencies. RJ Behar also provided post design services of the project to ensure the improvements are constructed in accordance with the design. Cost/Fees Paid: \$65,601 /Construction Cost: \$430,000		
(1) TITLE AND LOCATION (City and State) <b>NE 151<sup>st</sup> Street Feasibility Study, Miami-Dade County, FL - City of North Miami</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for the preparation of a Feasibility Study for the expansion of NE 151 <sup>st</sup> Street from the existing 4-lane divided roadway to a 6-lane divided roadway. This feasibility study evaluated 4 alternatives to provide the proposed 6-lane divided roadway. Alternative No. 1 involved widening the existing 4-lane section to the north; No. 2 involved widening the existing 4-lane section to the south; No. 3 involved a symmetrical widening to both the north and south sides; No. 4 involved reconstruction of the entire roadway as a new 6-lane divided section. Alternative No. 1 was the most feasible based on our investigation that took into account the environmental, traffic engineering, right of way acquisition costs, construction costs and future growth and development of the community within the project area. Cost/Fees Paid: \$42,571 Construction Cost: \$4,647,480 (Est.)		
(1) TITLE AND LOCATION (City and State) <b>US-1/Federal Highway Beautification LAP Project, Palm Beach County, FL – City of Delray Beach</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal in Charge responsible for overseeing the entire construction engineering operations, administration, management, and quality control of construction for this project. The scope of the project consisted of complete reconstruction, including widening for a street parking area, the addition of a 4-foot bike lane, new left turn lane, new sidewalks, curb and gutter, decorative lighting, sod placement; and water main upgrades; pavement markings, drainage modifications; construction of bulb-outs in the radius returns of the side streets; new traffic signal loops at all intersections; new underground traffic signal interconnect system, irrigation, and landscaping. District 4 Cost/Fees Paid: \$1,219,469.00 Construction Cost: \$12,486,967.77		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>JUAN VAZQUEZ, PE, PH, BCEE</b>	13. ROLE IN THIS CONTRACT <b>DRAINAGE DESIGN &amp; PLANS REVIEW</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>32</b>	b. WITH CURRENT FIRM <b>16</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R. J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.S., Civil Engineering, University of Puerto Rico</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>P.E. Florida No.51143/1996 P.E. Puerto Rico No.11385/1989</b> <b>Professional Hydrologist No. 05-H-1653/2006</b> <b>Board Certified Environmental Engineer No 07-20009/2007</b>	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Mr. Vazquez is a Professional Hydrologist (PH) and a Board Certified Environmental Engineer (BCEE) specializing in water supply and waste water. For the ninth year in a row, Mr. Vazquez is in the "Who's Who book of Environmental Engineering, 2011". He is a former President of the Association of Engineers and Land Surveyors of Puerto Rico, Florida Chapter.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>SE 1<sup>st</sup> Street, SE 1<sup>st</sup> Place, SE 2<sup>nd</sup> Place and SE 3<sup>rd</sup> Place, Miami-Dade County, FL – City of Hialeah</b>	<b>2014</b>	<b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Drainage Engineer: The project consisted of roadway reconstruction and some milling and resurfacing of a two-lane road, curb and gutter type F, valley gutter, new sidewalks, on-street parking, exfiltration drainage systems, storm sewers, sodding, signing, pavement markings, and roadway lighting. Cost/Fees Paid: \$151,469; Construction Cost: \$1,785,000		
<b>SR-A1A Resurfacing Project, Palm Beach County, FL – FDOT, District 4</b>	<b>2003</b>	<b>2009</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: He was in charge of the public information and outreach program; a major drainage study and improvements, milling & resurfacing, signals, bridge improvements, signing & marking plans, and . This project included coordination with endangered species and seagrass surveys, preservation of historical properties, and impacts to 4f properties. A coastal construction line permit was also obtained as well as coordination with the Fish and Wildlife Commission for impacts to sea turtles from the proposed lighting design. He prepared maintenance of traffic plans. Cost/Fees Paid: \$812,000 Construction Cost: \$11,500,000		
<b>SR-820/Hollywood Boulevard from SR-A1A to US-1, Broward County, FL – FDOT, District 4</b>	<b>2006</b>	<b>2008</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer of Record for drainage design for a resurfacing, restoration & rehabilitation project with widening, which affected all existing drainage. He also managed a separate study to evaluate alternatives to alleviate flooding problems. The alternatives included pump stations with injection wells and new outfalls. Cost/Fees Paid: \$22,245 Construction Cost: \$1,600,000		
<b>Andrews Avenue, Broward County, Florida – FDOT, District 4</b>	<b>2015</b>	<b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer of record for the preparation of pond siting report and design of stormwater management system. He performed quality control of the design plan, drainage report and permitting packages. The project also included nutrient analysis for removal of phosphorous and nitrogen loads. Cost/Fees Paid:\$81,100 Construction Cost: TBD		
<b>Design-Build for I-595 Final Design, Broward County, Florida – FDOT, District 4</b>	<b>2014</b>	<b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Task Manager responsible for the overall drainage master plan update and complete drainage design for the entire corridor, which includes exfiltration trenches, storm sewer design and analysis, cross drain analysis, and both wet and dry retention, and stormwater management designs for seven out of eight design zones. He was engineer of record for two of the eight segments. He also prepared the stormwater master plan for the wining proposal. Cost/Fees Paid: \$1,806,500 Construction Cost: \$1.2 billion e. - total project		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>CARLOS MAZORRA, PE</b>	13. ROLE IN THIS CONTRACT <b>ROADWAY DESIGN, TRAFFIC SIGNAL TIMING &amp; DESIGN, PLANS REVIEW</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>29</b>	b. WITH CURRENT FIRM * <b>15</b>

15. FIRM NAME AND LOCATION (City and State)



**R.J. BEHAR & COMPANY, INC.**  
6861 SW 196<sup>th</sup> Avenue, Suite 302  
Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)

**B. S. Civil Engineering, University of Miami**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

**P.E. Florida No. 42653/1990**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Mazorra has been the Project Engineer for the preparation of numerous, very successful highway construction plans. This included design of horizontal and vertical geometry with GEOPAK software; drafting plan, profile, cross sections, traffic control and various ancillary roadway plan sheets using Micro Station software; design of roadway signal plans in collaboration with traffic engineering and structural engineering personnel.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Districtwide In-House Consultant Plans Review/Support Services, Broward County, FL – FDOT, District 4</b>	<b>Ongoing</b>	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Project Manager responsible for reviews for compliance with FDOT criteria, construction time estimate preparation/review, review of computation booklets, specification packages, cost estimates, etc. The deliverables include review comments in the ERC database, marked-up plans, design exception variation reports, contract time estimates, traffic control plan review/constructability, quantity computations with pay item verifications, utility conflicts, right-of-way encroachments, etc. <i>Project Cost \$Varies per TWO</i>		
<b>Hollywood Boulevard/N. 28<sup>th</sup> Avenue Intersection Improvement, Broward County, Florida – Broward County Engineering</b>	<b>2006</b>	<b>2008</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Project Manager: He was responsible for overseeing the traffic study, and preparing the roadway plans, signalization plans, signage plans, drainage plans, ADA requirements and utility coordination for this major intersection improvement project. <i>Cost/Fees Paid: \$117,000 Construction Cost: \$1,325,000</i>		
<b>SR-820/Pines/Hollywood Boulevard from East of 64<sup>th</sup> Way to West of SR-7, Broward County, FL – FDOT, District 4</b>		
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Project Manager responsible for the design and production of roadway, signing and pavement marking and signalization plans. The scope of work includes milling and resurfacing (RRR) of the existing pavement; upgrading roadway signs and curb ramps to meet the current ADA standards, upgrading pedestrian and signal features and landscape improvements.		
<b>SR-838/Sunrise Boulevard at NW 31<sup>st</sup> Avenue, Broward County, FL – FDOT D4</b>	<b>2010</b>	<b>2013</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Project Manager in charge of the design and production of roadway plans, signing and pavement marking plans, signalization plans, and pedestrian upgrades. The scope of this safety improvement project was the addition of two left turn lanes, milling and resurfacing, and pavement widening and the addition of two new signal mast arms. <i>Project Cost: \$204,883.00 (Fees Only)</i>		
<b>SR-845/Powerline Road, Palm Beach County, FL – FDOT, District 4</b>	<b>2007</b>	<b>2011</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Project Engineer for signal design, which included 8 major signalized intersections with galvanized mast arms, signal analysis and new signal timings. <i>Cost/Fees Paid: \$2,200,000 Construction Cost: \$9,500,000</i>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person)

12. NAME <b>SEAN O'KEEFE, PE</b>	13. ROLE IN THIS CONTRACT <b>ROADWAY DESIGN, TRAFFIC ENGINEER &amp; TRANSPORTATION PLANNING</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>35</b>	b. WITH CURRENT FIRM <b>12</b>
15. FIRM NAME AND LOCATION (City and State) <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.S. Civil Engineering, University of Iowa</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>P.E. Florida No.41766/1989      P.E. California No.7674/1990</b> <b>P.E. New Jersey No.33030/1988      P.E. Utah No.51778/1992</b> <b>Professional Planner No.3923 New Jersey</b>	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

He is experienced in Project Manager/Construction Manager including Fast Track, design-build and other innovative project delivery systems. Mr. O'Keefe has completed training for TTCP plans preparation.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Design/Build for the Reconstruction of SE 3<sup>rd</sup> Street – FDOT, District 4</b>	<b>2010</b>	<b>2011</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Engineer of Record/Project Manager for the water main and force main relocations of SE 3 <sup>rd</sup> Street, involving Glades Utility Authority facilities under Palm Beach County WUD engineering supervision. He was the lead designer for roadway design, engineering services, water and sewer plans, signing and marking plans, lighting plans, utility coordination, and drafting.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Northlake Boulevard Bridge over the Loxahatchee Slough – Palm Beach County, FL</b>	<b>2010</b>	<b>2013</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Manager: He was responsible for coordination with the client, SFWMD, DEP, City of West Palm Beach, and Palm Beach County ERM. The design included several control structures and weirs, roadway, bridge, drainage improvements, water line and force main relocation. He was responsible for the geometrics, signing and pavement markings, weir placement, grading of the channel and walkway, quantity calculations and cost estimates. Project length: 0.349 miles/bridge .007 miles. <i>Project Cost: \$116,378 (Fees Only) – Construction Cost: \$2,200,000.00</i>		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>I-75/Griffin Road Intersection Study – FDOT, District 4</b>	<b>2010</b>	<b>2014</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Manager: The study consisted of the preparation of an Interchange Operational Analysis Report (IOAR) for the interchange at Griffin Road and I-75 in Broward County to assess the existing and future traffic operations of the interchange for an interim solution given a No-Build scenario and up to 5 Build scenarios. He also performed quantity calculations and cost estimates. The study included signalized intersection analysis, weaving analysis, queuing analysis, ramp analysis, interchange capacity analysis and crash analysis. <i>Project Cost: \$11,000,000 (Fees Only)</i>		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Traffic Operations Evaluations and Certifications – Palm Beach County, FL</b>	<b>2008</b>	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Manager responsible for traffic engineering services at three-gated communities in Palm Beach County. RJ Behar performed an evaluation of existing signing and pavement markings as well as general traffic operations for the gated communities: Mizner Preserves, Floral Lakes and Saturnia Isles in Palm Beach County. <i>Project Cost: \$9,560.00 (Fees Only) – Construction Cost: \$17,500,000.00</i>		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Neighborhood Transit Center, Broward County, FL – City of Coral Springs</b>	<b>2008</b>	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Manager: A traffic study was run in support of locating and constructing a modern neighborhood transit center, integrated with an extensive downtown redevelopment, within the CRA District. The team developed a series of project improvements, which included street improvements, kiss and ride access, and parking for the upscale pedestrian friendly transit center. The transit center will integrate bicycle trails, bicycle storage, bus shelters, covered walkways, rest areas and numerous other amenities.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person)

12. NAME <b>DAVID ROMANO, PE</b>	13. ROLE IN THIS CONTRACT <b>CONSTRUCTION MANAGEMENT &amp; CONSTRUCTION ENGINEERING INSPECTION</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>20</b>	b. WITH CURRENT FIRM <b>9</b>

15. FIRM NAME AND LOCATION (City and State)



**R.J. BEHAR & COMPANY, INC.**  
6861 SW 196<sup>th</sup> Avenue, Suite 302  
Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)

**M.S. Construction Management**  
**B.S. Civil and Architectural Engineering**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

**P.E. Florida No. 63817/2006**  
**CTQP ID #: R55016771**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

CTQP Certifications include Asphalt Paving Technician Level I and II, Concrete Field Inspector, Final Estimates Level I & II, QC Manager, TROXLER - Nuclear Gauge Safety Training/Hazmat Training, TROXLER - Radiation Safety Officer, Florida Stormwater, Erosion and Sedimentation Control, FDOT - 6 Hour Training Program: EEO, DBE and Payroll Compliance on Local Area Projects, FDOT - 8 Hour Local Agency Program Workshop, FDOT Effective Schedule and Claims Management Practices, MOT Intermediate

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>Davie Road Phase II Local Agency Program (LAP) – Town of Davie, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer – He is overseeing the entire construction inspection team. The scope of the project includes the construction of a new landscape median dividing the NB and SB traffic movements, demolition work consisting of concrete and pavement removal as indicated in the plans, curb and paver removal; the addition of 4-FT bicycle lanes on both sides of Davie Road, milling & resurfacing, overbuild, widening the existing sidewalks from 5-FT to 8-FT, minor drainage modifications and connections, new roadway lighting, a new bus shelter, signalization upgrades. <i>Cost/Fees Paid: \$297,438.25 Construction Cost: \$2,433,873.04</i>		<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION (City and State) <b>Arch Creek Bike Path and Pedestrian Bridge Replacement, LAP Project, North Miami, FL – City of North Miami</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Manager – His Responsibilities included overseeing the entire construction engineering and inspection services provided to the City of North Miami. He ensured that all tasks are being completed by the senior inspector as well as the resident compliance specialists. He attended progress meetings, completed the meeting minutes and coordinated between the local agency and the Florida Department of Transportation, District 6. <i>Cost/Fees Paid: \$42,853 Const. Cost: \$432,950.66</i>		<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION (City and State) <b>US-1/Federal Highway Beautification Project, Palm Beach County, FL – City of Delray Beach/FDOT, District 4</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2016</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Manager responsible for overseeing the entire construction engineering operations, administration, management, and quality control of construction for this project. The scope of the project consists of complete reconstruction, including widening for a street parking area, the addition of a 4-foot bike lane, new left turn lane, new sidewalks, curb and gutter, decorative lighting, sod placement; and water main upgrades. <i>Project Cost: \$1,219,469 (Fees Only) – Construction Cost: \$12,486,967.77</i>		<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION (City and State) <b>SE 15<sup>th</sup> Avenue Bridge Replacement – City of Fort Lauderdale, FL; LAP Project</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2013</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer/Project Administrator responsible for the construction inspection of complete replacement of the bridges. The scope included full bridge demolition and replacement; including Class 5 concrete finishing, traffic railing barrier with aluminum pedestrian/bicycle railings on sides, bridge deck grooving, and minor roadway reconstruction. <i>Project Cost: \$534,190.00 (Fees Only) – Construction Cost: \$3,814,743.00</i>		<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION (City and State) <b>Replacement of Downtown North Miami Brick Pavers, LAP/ARRA Project – City of North Miami</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2012</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer – His responsibilities entailed the management of the project and all construction engineering personnel. He ensured that all the project documentation, including the sampling and testing of the material furnished, was being completed per the project schedule and all federal ARRA regulations were met. <i>Project Cost: \$90,420.00 (Fees Only) – Constr. Cost: \$821,000</i>		<input checked="" type="checkbox"/> Check if project performed with current firm

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

<b>12. NAME</b>  <p style="text-align: center;"><b>HANS MURZI, PE, CFM</b></p>	<b>13. ROLE IN THIS CONTRACT</b>  <p style="text-align: center;"><b>DRAINAGE DESIGN &amp; PERMITTING</b></p>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>15</b>	b. WITH CURRENT FIRM <b>3</b>
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> M.S. Environmental Engineering Florida International University B.S. Chemical Engineering, University of Los Andes, Merida, Venezuela		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> P.E. Florida License No. 67767/2008 Certified Floodplain Manager Qualified Stormwater Management Inspector	

**18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)**  
 Mr. Murzi is a water resources engineer with experience including hydrologic/hydraulic analysis and modeling of rivers and flood control systems, natural resources restoration projects, and watershed management, rural and roadway drainage design, drainage field inspections, drainage plan reviews. The experience includes use of several computer programs such as XPSWMM, HEC-RAS, AdICPR, MIKE SHE/MIKE 11, ASAD, and ArcGIS. Mr. Murzi is a Certified Floodplain Manager.

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Stormwater Master Plan Implementation for NW 29<sup>th</sup> Street and NW 31<sup>st</sup> Street, Miami-Dade County, FL – City of Doral</b>	2017	
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project Manager responsible for providing drainage improvements to two (2) specific locations identified in the City's master plan as sub basin D-3. He is providing the design of the drainage improvements, permitting, French drains. <i>Project Cost: \$32,600 – Construction Cost: \$580,000 (Est.)</i>		
<b>Miscellaneous Drainage Projects, Miami-Dade County, FL – City of Doral</b>	2014	2015
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Drainage Engineer/Engineer of Record: He was responsible for design of drainage improvements at several locations, supervising the preparation of plans and permitting of the improvements. <i>Project Cost: \$21,395.50 – Construction Cost: \$177,539.50</i>		
<b>SR-5/US-1 Lateral Ditch Restoration, Indian River County, Florida – FDOT District 4</b>	2016	2017
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project Engineer - He assisted with the permit package and with the plans preparation. The permitting included evaluation of impacts to endangered species, mangroves, sea grasses, and oyster reefs. RJ Behar prepared the permit packages and the fill and dredge sketches for permitting of the project. <i>Cost/Fees Paid: \$336,540 Construction Cost: \$1,400,000</i>		
<b>Central Broward Water Control District Engineer Services – Broward County, Florida</b>	Ongoing	
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project Engineer responsible for reviewing plats, paving and drainage plans, as-built drawings, and all drainage related reports for all developments and redevelopments for conformance with the regulation, standards, procedures and design criteria of the CBWCD. For this contract the deliverables mostly consist of comments to submitted permit packages. The responses are reviewed with senior engineers before submittal to the client. On complex reviews, peer review and consultation is also conducted to verify criteria and hydrologic-hydraulic analyses. <i>Project Cost: Varies per project (Fees Only) – Construction Cost: N/A</i>		
<b>Saga Bay 1.2 Sub-Basin – Town of Cutler Bay, Florida</b>	2017	Ongoing
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project Manager: He is responsible for the design of new French drains and catch basins to improve the flooding issues in the area. The system will connect to an existing outfall into an existing lake. There is also milling and resurfacing. <i>Project Cost: \$59,453.00 Construction Cost: Pending</i>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>MARLIN SCATTOLINI, PE</b>	13. ROLE IN THIS CONTRACT <b>ROADWAY DESIGN, CIVIL SITE PLANNING, TRAFFIC SIGNAL TIMING &amp; DESIGN</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>11</b>	b. WITH CURRENT FIRM <b>11</b>

15. FIRM NAME AND LOCATION (City and State)  
 **R.J. BEHAR & COMPANY, INC.**  
 6861 SW 196<sup>th</sup> Avenue, Suite 302  
 Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)      17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
**B.S. Civil Engineering Florida, International University**      P. E. Florida License No. 80723, 10/2015

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Golden Key Honor Society, Member of Institute of Transportation Engineering (ITE) AND ASCE American Society of Civil Engineers. Engineering drawing Fundamentals, Various Engineering Design courses, such as Mechanics of Materials, Structure design, Steel, Concrete, Fluid & Mechanics, AutoCAD, Project Management, Problem Solving

**19. RELEVANT PROJECTS**

a. (1) TITLE AND LOCATION (City and State) <b>W. 76<sup>th</sup> Street from Hialeah Gardens Boulevard to W. 36<sup>th</sup> Avenue, Miami-Dade County, FL – City of Hialeah</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer who prepared the lighting design calculations and lighting plans; signing, marking and channelization plans as well. The scope of this project consisted of roadway reconstruction and some milling and resurfacing of a two-lane road, curb and gutter type F, valley gutter, new sidewalks, on-street parking, exfiltration drainage systems, storm sewers, sodding, signing, pavement markings, and roadway lighting. This is part of the continuous neighborhood improvement program the City has been conducting for years. Under this program, RJ Behar has completed more than 50 miles of City street improvements.		
b. (1) TITLE AND LOCATION (City and State) <b>Districtwide In-House Consultant Plans Review/Support Services – FDOT, District 4</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: She performs the plan reviews, which includes reviews for compliance with FDOT criteria, construction time estimate preparation/review, review of computation booklets, specification packages, cost estimates, etc. The deliverables include review comments in the ERC database, marked-up plans, design exception variation reports, contract time estimates, traffic control plan review/constructability, quantity computations with pay item verifications, utility conflicts, right-of-way encroachments, etc. <i>Costs/Fees: Varies per TWO</i>		
c. (1) TITLE AND LOCATION (City and State) <b>NW 87<sup>th</sup> Avenue from NW 74<sup>th</sup> Street to NW 103<sup>rd</sup> Street – Miami-Dade County, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Designer for this roadway design project involving new construction and reconstruction. She was responsible for producing the roadway plans, drainage, lighting, signing and marking, and signalization plans. The scope included roadway/Traffic Control Plan (TCP) design, pavement marking and signing, signalization, lighting, drainage and permitting, bridge construction performed by a subconsultant, utility coordination, traffic study, traffic counts, traffic projections, and traffic warrants services. <i>Cost/Fees Paid: \$2,994,823.00 Construction Cost: \$34,800,000 Est.</i>		
d. (1) TITLE AND LOCATION (City and State) <b>Miami River Greenways, Segment D, Miami-Dade County, FL – City of Miami</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If applicable) <b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Designer: The scope consisted of the reconstruction of an existing roadway segment along the Miami River to produce a scenic, landscaped, pedestrian/bicycle walkway/greenway. The project included the design of a drainage system with wells, decorative lighting and landscape/hardscape design. <i>Cost/Fees Paid: \$326,957.00 Construction Cost: \$3,200,000 (Est.)</i>		
e. (1) TITLE AND LOCATION (City and State) <b>SE 1<sup>st</sup> Street, SE 1<sup>st</sup> Place, SE 2<sup>nd</sup> Place and SE 3<sup>rd</sup> Place, Miami-Dade County, FL – City of Hialeah</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer: The scope of this project consisted of roadway reconstruction and some milling and resurfacing of a two-lane road, curb and gutter type F, valley gutter, new sidewalks, on-street parking, exfiltration drainage systems, storm sewers, sodding, signing, pavement markings, and roadway lighting. <i>Cost/Fees Paid: \$151,469; Construction Cost: \$1,785,000</i>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>PAOLA RIVEROS, PE</b>	13. ROLE IN THIS CONTRACT <b>DRAINAGE DESIGN</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>16</b>	b. WITH CURRENT FIRM <b>16</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.S. Civil Engineer, Florida International University</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>P.E. Florida No.74249/2012</b> <b>P.E. Washington, D.C., No. 905769/2010</b>	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Ms. Riveros is extremely experienced in Microstation V8. She is familiar with GIS software in the application to contamination of surface water bodies to determine affected zones by the plume. She has worked in several water and sewer projects.

**19. RELEVANT PROJECTS**

a. (1) TITLE AND LOCATION (City and State) <b>Billie Johns Street Roadway Improvements, Collier County, FL – Seminole Tribe of Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>2017</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer in charge of the roadway and drainage design and the utility coordination for the project. This project consisted of improvements to Billie Johns Street from 0.67 miles SE of Medicine Man Dr. to Medicine Man Dr. Blvd. in the Big Cypress Reserve. Consultant Fees: \$168,759.00, Construction Cost: \$1,100,000 (Estimate)		
b. (1) TITLE AND LOCATION (City and State) <b>SR-5/US-1 Resurfacing, Broward County, FL – FDOT District 4</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If applicable) <b>2008</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer for the milling and resurfacing the existing pavement; upgrade to signal systems, upgrade of ADA facilities. The scope also included new signing and pavement markings and upgrading landscaping. Project Length: 1.4 miles Cost/Fees Paid: \$350,000 Construction Cost: \$1,000,000		
c. (1) TITLE AND LOCATION (City and State) <b>NW 87<sup>th</sup> Avenue, Miami-Dade County, FL – FDOT, District 6</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer responsible for revisions to the drainage plans, and completion of the drainage report. Cost/Fees Paid: \$2,994,823.00 Construction Cost: \$34,800,000 Estimated		
d. (1) TITLE AND LOCATION (City and State) <b>SR-820/Hollywood Boulevard from SR-A1A to US-1, Broward County, FL – FDOT District 4</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2006</b>	CONSTRUCTION (If applicable) <b>2008</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer for the preparation of drainage plans, including coordination with utilities. Cost/Fees Paid: \$22,245 Construction Cost: \$1,600,000		
e. (1) TITLE AND LOCATION (City and State) <b>SR-A1A Resurfacing Project, Palm Beach County, FL – FDOT, District 4</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2003</b>	CONSTRUCTION (If applicable) <b>2009</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Designer for this RRR project. The project included milling and resurfacing for 4 miles and reconstruction of 1 mile of a major rural roadway, as well as drainage improvements, coastal drainage studies, pavement marking and signing, overhead signing plans, lighting plans, three signal locations, bridge plans, wetland mitigation, public involvement, design documentation and landscape plans. She prepared all the roadway plans and performed the AdICPR drainage modeling of existing and proposed conditions. Project Length: 5 miles Cost/Fees Paid: \$812,000 Construction Cost:\$11,500,000		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME <b>JASMANI RIVERON, MS, PE</b>	13. ROLE IN THIS CONTRACT <b>ROADWAY DESIGN</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>8</b>	b. WITH CURRENT FIRM <b>7</b>

15. FIRM NAME AND LOCATION (City and State)  
**R.J. BEHAR & COMPANY, INC.**  
 6861 SW 196<sup>th</sup> Avenue, Suite 302  
 Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**M.S. Civil Engineering (Structural, Construction, Geotechnical Engineering) FIU, Miami, Florida/2009**  
**B.S. Civil Engineering, FIU, Miami, Florida/2008**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
**P.E. Florida No. 73798/2011**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Mr. Riveron has six years of experience in civil engineering, permitting, budgeting and construction management. His computer skills are: Proficient in AutoCAD, ArcMap and Microsoft Office and Some basic knowledge of ANSYS, ETABS and MathCad

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. <b>Hatton Highway Bridge over PDD Main Canal, Palm Beach County, FL – Palm Beach County Department of Engineering &amp; Public Works Division of Roadway Production</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Roadway Engineer – He was responsible for preparing the roadway improvement plans, drainage design plans, and permitting. The bridge cross section included two 12' lanes with 8' shoulders, concrete barriers and no provision for sidewalks. Wing Walls and slope protection were designed to accommodate the new bridge, highway alignment and typical section. The bridge design elements were developed in accordance with the County's Thoroughfare Road and Bridge Design Procedures. Project Length: 0.410 miles - Cost/Fees Paid: \$276,527.55 - Construction Cost: \$4,000,000.00 (Estimated) - Evaluation Grade: 97	2014	<input checked="" type="checkbox"/> Check if project performed with current firm
b. <b>Northlake Boulevard Water and Sewer, City of West Palm Beach, FL – Palm Beach County Department of Engineering &amp; Public Works Div. of Roadway Production</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer responsible for preparing the water and sewer plans for the City of West Palm Beach. As part of the project, RJ Behar designed the relocation of 1,310 feet of 20 inch water main and 1,299 feet of 16 inch force main. The new water main and force main was relocated on the new bridge. RJ Behar prepared all the details and structural design to accommodate the new utilities on the bridge. Project length: 0.349 miles/bridge.007 miles. Project Cost: \$478,207.80 (Fees Only) – Construction Cost: \$2,200,000.00	2011	<input checked="" type="checkbox"/> Check if project performed with current firm
c. <b>I-75/Griffin Road (SR-818) Interchange, Broward County, FL – FDOT D4</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer – The scope of the project included roadway improvements, drainage, permitting, bridge, structural, signing and pavement markings, signalization, lighting, landscaping and traffic analysis. He was responsible for plans preparation, utility coordination, pavement design and quantities. Project Length: 1 Mile - Project Cost: \$11,000,000 (Fees Only) - Construction Cost: \$11,000,000	2010	<input checked="" type="checkbox"/> Check if project performed with current firm
d. <b>Reconstruction of SE 3<sup>rd</sup> Street, Belle Glade, FL – FDOT D4</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer – The scope of this project included roadway plans, drainage design, signing and marking plans and utility relocation plans. The design included the use of filter fabric and a thick sub-base in lieu of demucking the roadway. He was responsible for preparing the water and sewer plans to be constructed as part of the roadway improvements. Project Cost: \$191,203.00 (Fees Only) – Construction Cost: \$1,100,000.00	2010	<input checked="" type="checkbox"/> Check if project performed with current firm
e. <b>SR-845/Powerline Road, Palm Beach County, FL – FDOT D4</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer – The project consisted of the resurfacing of 3 miles. This project involved preparing the Resurface, Restoration and Rehabilitation (RRR) Report. The project included a safety analysis and a signal assessment analysis. He attended project meetings and performed post design services for the project. Project Cost: \$1,200,000.00 (Fees Only) – Construction Cost: \$8,500,000.00	2010	<input checked="" type="checkbox"/> Check if project performed with current firm

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

<b>12. NAME</b>  <b>JAVIER BEJARANO, PE</b>	<b>13. ROLE IN THIS CONTRACT</b>  <b>CONSTRUCTION MANAGEMENT</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>18</b>	b. WITH CURRENT FIRM <b>3</b>
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>R. J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> B. S. Civil Engineering, Florida International University Certified Public Manager, Florida State University		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> PE Florida License No. 63830, 2005 Certified Electrical Contractor EC13001633 CTQP ID #: B265420632490	

**18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)**  
 Final Estimates I & II, Earthwork I & II, QC Manager, ATSSA Advanced Maintenance of Traffic/2018, FDOT Critical Structures Construction Issues, FDOT MSE Walls, CSX Contractor Safety, ADA for Facility Access, Pavement Construction – Asphalt Institute, Miami-Dade County – Code Compliance Hearing Officer. **Awards:** Governor Award (2014); Davis Productivity Award (2013); Davis Productivity Award (2002); Special Recognition Award Office Engineers (FDOT 2001); Team Achievement Award Final Estimates

**19. RELEVANT PROJECTS**

<b>(1) TITLE AND LOCATION (City and State)</b> Pine Island Road from Nova Drive/SW 24 <sup>th</sup> Street to SR-84/I-595 – Broward County Highway Construction & Engineering	<b>(2) YEAR COMPLETED</b> PROFESSIONAL SERVICES CONSTRUCTION (If applicable)	Ongoing
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Administrator responsible for overseeing and managing the construction contract. He reviews and approves the Contractor's submittals such as MOT plans, lane closure requests, QC plan and monthly invoices; prepares and analyzes change orders; reviews daily construction reports, maintains and organizes contract documentation such as RFIs and shop drawings; coordinates utility conflicts and permits. <i>Cost/Fees Paid: \$996,112.52 Construction Cost: \$7,061,924.78</i>		
<b>(1) TITLE AND LOCATION (City and State)</b> Palm Beach Operations Task Work Order Contract – FDOT, District 4	<b>(2) YEAR COMPLETED</b> PROFESSIONAL SERVICES CONSTRUCTION (If applicable)	2016
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Contract Support Specialist who has been performing field final estimate reviews to the ongoing construction projects in Palm Beach Operations. In addition, he will perform the final audit before the final estimate package is submitted to District 4's Final Estimates Office. To date, the Project Audit Review reports (PAR) reflect no procedural errors and no changes to the paid quantities.		
<b>(1) TITLE AND LOCATION (City and State)</b> SR-870/Commercial Boulevard from SR-817/University Drive to W of NW 64 <sup>th</sup> Avenue, Broward County, FL – FDOT D4	<b>(2) YEAR COMPLETED</b> PROFESSIONAL SERVICES CONSTRUCTION (If applicable)	2012
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <input type="checkbox"/> Check if project performed with current firm Project Administrator: He was responsible for managing the construction contract. The scope included milling and resurfacing, installing video detection at a signalized intersection, evaluating abandoned/nonfunctional driveways, installing additional landscaping features, evaluating existing drainage conditions, providing new signing and pavement markings, and ADA upgrades. <i>Project length: 0.797 miles. Project Cost: \$1,010,622.00</i>		
<b>(1) TITLE AND LOCATION (City and State)</b> SR-5/US-1 from Young Circle North to S of Sheridan Street, Broward County, FL – FDOT D4	<b>(2) YEAR COMPLETED</b> PROFESSIONAL SERVICES CONSTRUCTION (If applicable)	2011
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <input type="checkbox"/> Check if project performed with current firm Project Manager responsible for overseeing and managing the entire construction contract. The improvements under this contract consisted of sidewalk ADA ramp reconstruction, drainage installation, milling and resurfacing, signing and pavement markings, signalization, brick pavers, irrigation and landscaping. <i>Project length: 1.404 miles. Project Cost: \$1,827,051.42</i>		
<b>(1) TITLE AND LOCATION (City and State)</b> Broward County Illuminated Street Signs, Broward County, FL – FDOT D4	<b>(2) YEAR COMPLETED</b> PROFESSIONAL SERVICES CONSTRUCTION (If applicable)	2009
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> <input type="checkbox"/> Check if project performed with current firm Project Administrator responsible for managing the construction contract. The improvements consisted of the installation of illuminated street name signs throughout Broward County. <i>Project Cost: \$549,860.00</i>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>ELMER CARDENAS, PE</b>	13. ROLE IN THIS CONTRACT <b>DRAINAGE DESIGN</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>30</b>	b. WITH CURRENT FIRM <b>6</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>PE Florida License No. 62988/2005</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>M.S. Environmental Engineering, Florida International University</b> <b>B.S. Civil Engineering, National University of Engineering, Lima, Peru</b>			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
He has extensive experience in environmental engineering and utility projects and has designed and supervised construction of water distribution systems and drinking wells. He has experience with the use of Environmental models: SWMM (storm water management model), and HSSM (hydrocarbon spill screening model) and hydraulic models AdICPR, ASAD and HEC-RAS.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>West Avenue Neighborhood Improvements - City of Miami Beach</b>	<b>2014</b>	<b>2017</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer who provided field reviews for development of the scope of the improvements. The project involved the design and construction of the neighborhood improvements, which included water and sewer upgrades. <i>Cost/Fees Paid: \$314,250</i> a. <i>Construction Cost: \$31,000,000</i>		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Lyons Park Neighborhood Improvement Project - City of Pompano Beach, FL</b>	<b>2017</b>	<b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer for the preparation of the Basis of Design Report (BODR), sanitary sewer design of the wastewater collection system and schematic design of proposed water improvements. The purpose of the project is to improve the drainage system, replace sanitary sewer lines, and replace the water service lines to meet the newer city standards. Services include data collection, utility coordination, permitting, and cost estimating. <i>Project Cost: \$66,179.71 (Fees Only)</i> b.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>US-1 Lateral Ditch Restoration - FDOT, District 4</b>	<b>2013</b>	<b>2016</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer: He was responsible for obtaining all of the permits needed for the rehabilitation of twelve (12) outfall ditches in Indian River County. The ditches provide runoff discharge for US-1 and adjacent areas. The purpose of this project is to analyze the existing drainage conditions, and re-establish or improvement of the original design section for each ditch with the goal of restoring adequate drainage along US-1. <i>Project Cost: \$336,540 (Fees Only) - Construction Cost: \$1,100,000</i> c.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Mulching Pit Semi Annual Groundwater Report - City of Hialeah</b>	<b>2016</b>	<b>2016</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Manager that prepared and submitted two Groundwater Sampling Reports for the two wells located at the City of Hialeah d. <i>Mulching Pit. Cost/Fees Paid: \$3,483.00</i>		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>SR-997/Krome Avenue from SW 312<sup>th</sup> Street to SW 296<sup>th</sup> Street, 3R - Miami-Dade County, FL - FDOT, District 6</b>	<b>Ongoing</b>	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer- Engineer of record for the drainage design. The scope includes milling and resurfacing the entire corridor plus widening from 19 <sup>th</sup> Street to 296 <sup>th</sup> Street to create a standard 5-Lane undivided urban typical section with concrete sidewalks on each side. Services include replacing of slab covered trenches with French drains, checking spread and replacing non-standard inlets. e.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>KIRA LEON, EI</b>	13. ROLE IN THIS CONTRACT <b>DRAINAGE DESIGN, CIVIL SITE PLANNING, TRAFFIC DATA COLLECTION</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>4</b>	b. WITH CURRENT FIRM <b>4</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>E.I. Florida License No. 1100018213, 2014</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B. S. Civil Engineering, Florida International University</b>		18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) At R.J. Behar, she is currently preparing plans in Microstation and AutoCad. She also is proficient in Microsoft Word, Excel, and Publisher.	

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) <b>West Avenue Neighborhood Improvements – City of Miami Beach</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer She has been in charge of plans preparation for sanitary sewer and waterline replacements as well as review of shop drawings and material submittals. The project involved the design and construction of the neighborhood improvements. Services included plan design services for water and sewer, erosion control plans and Stormwater Pollution Prevention Plans (SWPPP) for the West Avenue Neighborhood.		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>US-1 Lateral Ditch Restoration, Indian River County – FDOT D4</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable) <b>2017</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer: Her responsibilities included the preparation of the plans for the rehabilitation of 12 outfall ditches. The ditches provide runoff discharge for US-1 and adjacent areas. The purpose of this project was to analyze the existing drainage conditions, and re-establish or improvement of the original design section for each ditch with the goal of restoring adequate drainage along US-1. Project length: 18,340 LF (3.47 miles). Project Cost: \$336,540.00 (Fees Only) – Construction Cost: \$1,100,000.00 Estimate		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>SR-976/SW 40<sup>th</sup> Street at SW 97<sup>th</sup> Avenue, Task Work Order # 5 Crash Analysis – FDOT D6</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collection Technician – She performed traffic counts during peak intervals of the day. RJ Behar was contracted to perform an Intersection Safety and Operational Analysis Study to consider intersection geometry, channelization, signal timing and phasing, AM and PM peak hour period traffic projects, and review the recent crash data reports. The study will recommend cost feasible improvement alternatives and address the traffic safety concerns. Project length: N/A. Project Cost: \$15,491 (Fees Only) – Construction Cost: Unknown		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>Milling, Resurfacing and Overlay Exhibits – City of Doral</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer: She was responsible for preparing the roadway plans including field visits, preparation of milling and resurfacing recommendations, signing and pavement markings, utility coordination, and quantity estimations. The scope of this project included field reviews and recommendations for several segments of local roads under the City of Doral's Capital Improvement Project Resurfacing Program. Project Cost: \$8,939 (Fees Only) – Construction Cost: Unknown		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>SR 5/US 1 South Dixie Highway Traffic Counts TWO #18, Miami-Dade County, Florida - FDOT District 6</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collection Technician - She performed traffic counts during peak intervals of the day. RJ Behar performed a study to consider signal timing and phasing. Cost/Fees Paid: \$11,697.00		<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>MICHELLE LEON, EI</b>	13. ROLE IN THIS CONTRACT <b>CONSTRUCTION ENGINEERING &amp; INSPECTION/CIVIL SITE PLANNING</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>4</b>	b. WITH CURRENT FIRM <b>3</b>

15. FIRM NAME AND LOCATION (City and State)  

**R.J. BEHAR & COMPANY, INC.**  
 6861 SW 196<sup>th</sup> Avenue, Suite 302  
 Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**BS Civil Engineering, Florida International University/ 2012**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
**Certifications: TIN #: C440540877610**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 She is responsible for documenting the construction progress with daily reports in the Primavera Expedition and Lynx systems. She is proficient in Microsoft applications including: Word, Excel and PowerPoint, also proficient in AutoCAD and AutoCAD 3D. She has also prepared plans using Microstation and GeoPak.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. (1) TITLE AND LOCATION (City and State) <b>NW 35<sup>th</sup> Avenue Greenway Enhancement, Broward County, FL – City of Lauderdale Hill</b>		<b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Inspector – The proposed Greenway Enhancement project includes decorative elements to the existing asphalt jogging path/trail on the east side of the corridor, along three sections of NW 35 <sup>th</sup> Avenue. As part of the community enhancement features proposed, there will be pedestrian and bicycle improvements, decorative lighting, ADA compliant sidewalks and curb ramps, landscaping, irrigation, roadway signage, pavement markings—including bicycle lane striping, and street furniture. <i>Cost/Fees Paid: \$53,499.22- Construction .Cost:\$599,135.30</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b>		
b. (1) TITLE AND LOCATION (City and State) <b>US-1/Federal Highway Beautification, Local Agency Program (LAP) Project, Palm Beach County, FL – City of Delray Beach</b>		<b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Inspector: She is responsible for checking the dimensions of the sign panels to make sure they comply with the MUTCD and FDOT Design Standards, pre and post installation. This project includes widening for a street parking area, the addition of a 4-foot bike lane, new turn left turn lane, new sidewalks, curb and gutter, decorative lighting, milling and resurfacing, including some overbuild areas, pavement markings, drainage modifications, construction of bulb-outs in the radius returns of the side streets, sidewalks, new traffic signal loops at all intersections, new underground traffic signal interconnect system, irrigation, and landscaping. <i>Project Length: 2.4 miles</i> <i>Cost/Fees Paid: \$1,219,469 - Construction Cost: \$12,486,967.77</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b>		
c. (1) TITLE AND LOCATION (City and State) <b>SW 212<sup>th</sup> Street Drainage, Miami-Dade County, FL – Town of Cutler Bay</b>		<b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Inspector – She is overseeing the drainage improvements being installed on SW 212 <sup>th</sup> Street. She is keeping daily records of all construction activities and ensuring the construction is being installed as per the plans and specifications. <i>Cost/Fees Paid: \$70,514.80, Construction Cost: \$727,590.87</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b>		
d. (1) TITLE AND LOCATION (City and State) <b>West Avenue Neighborhood Improvements, Miami-Dade County, FL – City of Miami Beach</b>		<b>2017</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Drafter/Inspector: She drafted plans for the sanitary sewer and water design. She also inspected the pressure testing of the waterlines on the project. The proposed project involves the design and construction of the neighborhood improvements. RJ Behar was responsible for the design of water and sewer, maintenance of traffic and signalization. Services include plan design services for water and sewer, erosion control plans and Stormwater Pollution Prevention Plans (SWPPP) for the West Avenue Neighborhood. <i>Cost/Fees Paid: \$314,250 Construction Cost: \$31,000,000</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b>		
e. (1) TITLE AND LOCATION (City and State) <b>C-4 Canal Bank Improvements Belen Phase 2 CMS Inspection Services, Miami-Dade County, FL – South Florida Water Management District</b>		<b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Inspector who was responsible for providing construction management and inspection support services; including performing field inspections of the construction effort to verify conformance to the contract plans and specifications. The project included the construction of approximately 3,908 LF of earthen berms and approximately 410 LF of a concrete flood protection gravity wall on the north bank of the C-4 Canal. <i>Cost/Fees Paid: \$163,760 - Construction Cost: \$1,360,250</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>JOSEPH D. EDWARDS, EI</b>	13. ROLE IN THIS CONTRACT <b>DRAINAGE DESIGN</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>4</b>	b. WITH CURRENT FIRM <b>2</b>

15. FIRM NAME AND LOCATION (City and State)  
**R.J. BEHAR & COMPANY, INC.**  
 6861 SW 196<sup>th</sup> Avenue, Suite 302  
 Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**M.S. Engineering Management with Structural Wind Construction, FIU 2014**  
**B. S. Civil Engineering, Florida International University, 2012**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
**E.I. Florida License No. 1100019624/2015**

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>Haverhill Road from N. of Caribbean Boulevard to Bee Line Highway – Palm Beach County</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  
 **Check if project performed with current firm**  
 Project Engineer who is assisting with plans preparation. The overall design effort will include horizontal and vertical alignments, roadway typical sections, new sidewalks on each side of the road, closed drainage conveyance systems, new stormwater management facilities, a drainage design report, and permitting through multiple agencies, environmental, utility coordination, signing and pavement markings, miscellaneous structural design, signal installations and modifications, and optional post design services. *Project Length: 1.65 miles*

a. *Cost/Fees Paid: \$582,734.24 – Construction Cost: \$9,000,000 (Estimated).*

(1) TITLE AND LOCATION (City and State) <b>Lyons Park Neighborhood Improvement Project, Pompano Beach, FL – City of Pompano Beach</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>Ongoing</b>

(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  
 **Check if project performed with current firm**  
 Project Engineer for the neighborhood survey to inspect the property backyards and locate the sanitary line services and clean outs within the property easements. The scope of services included the Basis of Design Report (BDR), stormwater design, and sanitary sewer design of the wastewater collection system, design of proposed water improvements, utility coordination, permitting, and cost estimating.

b. *Project Cost: \$66,179.00 (Fees Only) – Construction Cost: Currently unknown*

(1) TITLE AND LOCATION (City and State) <b>Canal System Stabilization Project - City of Lauderdale Lakes</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>Ongoing</b>

(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  
 **Check if project performed with current firm**  
 Project Engineer who assisted with the plans preparation. The City of Lauderdale Lakes owns and maintains approximately 11 miles of canals distributed throughout the City. The existing canals have a mix of different types of seawall systems and revetment systems in different stages of disrepair. *Project Length: 11 miles Consultant Fees: \$208,116.00 – Construction Cost: \$2,900,000 (Est.)*

c.

(1) TITLE AND LOCATION (City and State) <b>SCADA Stilling Wells Engineering Services, South Florida Water Management District</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  
 **Check if project performed with current firm**  
 Project Engineer who is assisting with the plans production of design of steel platforms using pile foundations for access to SCADA stilling wells districtwide for the SFWMD. This project is to provide preliminary engineering design services to assist the District on developing designs for the SCADA Stilling Well Walkway/Platform Replacement project. Designs will include replacing and demolishing dilapidated stilling well walkway/platforms with new stilling wells, walkway/platforms and well components. New designs will include upgrading materials to extend service life and reduce maintenance. *Project Length: 16 Counties – Consultant Fees: \$122,000.00 – Construction Cost: Unknown.*

d.

(1) TITLE AND LOCATION (City and State) <b>S-40, S-41 and S-44 Gate Replacements and Concrete Repairs – South Florida Water Management District</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE  
 **Check if project performed with current firm**  
 Project Engineer who is assisting with plans preparation for rehabilitation of three canal control structures. The project includes new rip rap construction costs, construction schedule and presentations for briefings and meetings with the District, Design Review Team (DRT), and Project Stakeholders. *Cost/Fees Paid: \$239,000.00 – Construction Cost: \$6,120,000.00 (Estimated).*

e.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

<b>12. NAME</b> SUGEILY PATXOT	<b>13. ROLE IN THIS CONTRACT</b> DRAINAGE DESIGN	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>10</b>	b. WITH CURRENT FIRM <b>10</b>
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> B. S. Civil Engineer, University of Puerto Rico/		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> N/A	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Ms. Patxot is responsible for plans preparation, performing calculations and designing drainage systems. She has worked on the preparation of drainage projects as well as designing construction plans for sanitary sewers. Microstation V-8, AutoCAD, Microsoft Word, Excel, PowerPoint, ASAD			

### 19. RELEVANT PROJECTS

<b>(1) TITLE AND LOCATION (City and State)</b> Sample Road Beautification Project, Broward County, Florida – City of Pompano Beach	<b>(2) YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2017</b>
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> Inspector: She observed the Contractor's work to determine the progress and quality of work, identified discrepancies, reported significant discrepancies to the City, and directed the Contractor to correct such observed discrepancies; monitored the Contractor's on-site construction activities and inspected materials entering into the work in accordance with the Construction Contract, including but not limited to the plans, specifications, technical specifications and special provisions to determine that the project was constructed in reasonable conformity with such documents. She attended progress meetings, kept records of the work progress and submittals, reviewed payment requests, reviewed schedules, processed requests for additional information, assisted with utility coordination and completed substantial and final inspections.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>a.</b>		
<b>(1) TITLE AND LOCATION (City and State)</b> West Avenue Neighborhood Improvements – City of Miami Beach, FL	<b>(2) YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2017</b>
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> Project Designer - She has been working in plans preparation for Sanitary Sewer and Water Design. The proposed project involves the design and construction of the neighborhood improvements. Services include plan design services for water and sewer for the West Avenue Neighborhood. Cost/Fees Paid: \$314,250 - Construction Cost: \$34,100,000		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>b.</b>		
<b>(1) TITLE AND LOCATION (City and State)</b> I-595 Final Design/Build, Broward County, FL – FDOT D4	<b>(2) YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If applicable) <b>2014</b>
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> Project Designer involved with developing the drainage master plan update, and assisting with the drainage design for several sections of the corridor. Design tasks included exfiltration trench design, storm sewer design and analysis, and both wet and dry retention stormwater management pond designs. The design involved the use of spreadsheets, ICPR, ASAD and Microstation. She is currently performing CAD designs for the post-design services. Project length: 10.5 miles. Cost Fees Paid: \$1,806,500.00 - Construction Cost: \$1.2 billion-total		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>c.</b>		
<b>(1) TITLE AND LOCATION (City and State)</b> North County Neighborhood Improvement Project – Broward County, FL	<b>(2) YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION (If applicable) <b>2013</b>
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> Project Designer/Construction Inspection: This project consisted of drainage design, construction management and peer review. Ms. Patxot was in charge of the plans preparation, drainage and quantity calculations. She has also provided services during construction as a construction office engineer. Her duties include reviewing pay quantities, and miscellaneous inspections. Cost Fees Paid: \$881,000 - Construction Cost: \$88,000,000.00 (Estimate)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>d.</b>		
<b>(1) TITLE AND LOCATION (City and State)</b> Pipeline Construction Inspection Services, Miami-Dade County, FL – Miami-Dade Water and Sewer	<b>(2) YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2016</b>
<b>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE</b> Inspector: She was responsible for inspecting trenches, installations of structures and pipes, inspecting restoration work including asphalt, sodding, sidewalks etc.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>e.</b>		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME <b>HERNANDO SEGURA</b>	13. ROLE IN THIS CONTRACT <b>CIVIL SITE PLANNING</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>29</b>	b. WITH CURRENT FIRM <b>8</b>

15. FIRM NAME AND LOCATION (City and State)  
**R.J. BEHAR & COMPANY, INC.**  
 6861 SW 196th Avenue, Suite 302  
 Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**Mechanical and Architecture, Drafting, Los Angeles, CA/1985**  
**Design University Jorge Tadeo Lozano, Bogota Colombia/1980**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
**N/A**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
**Training & Certifications: EDI Electronic Deliver, Auto CAD Map, Microstation V8 FDOT Training, Site Menu - FDOT Training (Certified), AutoCAD Overlay, Microstation Release J, Caice (Certified), Geopak, AutoCAD Release 12, Microstation Release 5.0, Technical Interactive Graphics Design, Intergraph (Certified)**

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>a. Garden of the Arts Cultural Park, Miami-Dade County Florida – City of Hialeah</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE CAD Designer who was responsible for producing all of the plans in Microstation or AutoCAD. The scope included park design, landscaping, concrete sidewalk, signing and pavement marking, drainage, cost estimates, and utility coordination. Cost/Fees Paid: \$37,903.00, Change Orders: 2 = \$20,000, Construction Cost: \$475,000.00	<b>2013</b>	<b>2015</b>
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>b. NW 50th Street Bicycle/Pedestrian Trail – City of Doral, FL</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE CAD Designer – The scope included roadway and signing plans, milling and resurfacing, new curb and gutter, ADA curb ramps, signing and pavement markings, preparation of lighting plans with modern solar pedestrian lighting, utility coordination, and permitting services, and construction inspection. Project length: 0.5 mile. Cost/Fees Paid: \$30,962.00 - Construction Cost: \$ 694,165.03	<b>2014</b>	<b>2016</b>
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>c. Old Davie School Improvements, Broward County, FL – Town of Davie</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE CAD Operator - The scope of the project consisted of drainage, parking and utility improvements for an historical school (now converted to a museum) and an adjacent park property. The design included a sanitary lift station with dual submersible pumps. Cost/Fees Paid: \$116,528.00 - Construction Cost: \$1,100,000	<b>2012</b>	<b>2013</b>
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>d. Northlake Boulevard over the Loxahatchee Slough – Palm Beach County, FL – Palm Beach County Highway Division</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE CAD Designer- The project consisted of reconstruction of a four lane divided highway, construction of a new bridge, weir and walkway. He prepared plans for the weir/spillway. The weir control structure included 12 Barrel Concrete Boxes with aluminum stop logs and aluminum trash rack for each barrel. Project length: 0.349 miles/bridge .007 miles. Cost Fees Paid: \$478,207.80 - Construction Cost: \$2,200,000	<b>2010</b>	<b>2013</b>
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>e. Design/Build for the Reconstruction of SE 3rd Street, Palm Beach County, FL – FDOT District 4</b> (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE CAD Operator: This was a road reconstruction project (0.03 mile) in West Palm Beach County. He was involved in the preparation of plans, including roadway, drainage, lighting and pavement markings. He also prepared the plans and profiles for a new 8" water main and 8" PVC sewer line. These plans were used for quantity take outs for final construction cost. Project length: 0.3 miles. Cost Fees Paid: \$191,203 - Construction Cost: \$1,100,000	<b>2010</b>	<b>2011</b>
<input checked="" type="checkbox"/> Check if project performed with current firm		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
NANETTE AKYAZ	ROADWAY DESIGN	17	16

15. FIRM NAME AND LOCATION (City and State)  
**R. J. BEHAR & COMPANY, INC.**  
 6861 SW 196<sup>th</sup> Avenue, Suite 302  
 Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**A.A. Degree/Broward Community College/1992**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
**N/A**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 At RJ Behar, Ms. Akyaz is responsible for plans preparation in both MicroStation and CAD software for roadway and civil engineering projects. She has seventeen years of experience in plans preparation on civil engineering projects.  
 2002 FDOT Cadd Update Training Seminar, 2002 FDOT PPM Design Update Training, AutoCAD Release 12 - Florida International University, FDOT/FICE - Load and Resistance Factor Design (LRFD) Training, Geopak Road 1 Training.

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<p><b>a.</b> Haverhill Road from N. of Caribbean Boulevard to Bee Line Highway, Palm Beach County, FL - Palm Beach County</p> <p>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE            Project Designer - She is responsible for roadway design plans. The scope of services includes drainage improvements, signalization, pavement and marking, Temporary Traffic Control Plans (TTCP), utility coordination and permitting. Project Length: 1.65 miles  <i>Cost/Fees Paid: \$582,734.24 - Construction Cost: \$9,000,000 (Estimated)</i></p>	Ongoing	<input checked="" type="checkbox"/> Check if project performed with current firm
<p><b>b.</b> NW 87<sup>th</sup> Avenue from NW 74<sup>th</sup> Street to NW 103<sup>rd</sup> Street - Miami-Dade County, FL</p> <p>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE            Roadway Designer: She assisted with roadway design and was responsible for quantities. The scope of services for this project includes Roadway/Traffic Control Plan (TCP) design, pavement marking and signing, signalization, lighting, drainage and permitting, bridge construction, utility coordination, traffic study, traffic counts, traffic projections, and traffic warrants services. <i>Project length: 1.90 miles ± Cost/Fees Paid: \$2,294,823.00; Constr. Cost: \$34,800,000</i></p>	Ongoing	<input checked="" type="checkbox"/> Check if project performed with current firm
<p><b>c.</b> SR-5 /US-1/Biscayne Boulevard and Resurfacing from NE 199<sup>th</sup> Street to NW 213<sup>rd</sup> Street - FDOT D6</p> <p>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE            Project Designer responsible for the production of roadway plans. The scope of services included milling and resurfacing, signing and pavement markings, traffic control plans and ADA and pedestrian feature upgrades, with improved signalization configuration. <i>Cost/Fees Paid: \$228,638; Constr. Cost: \$789,805.00</i></p>	Ongoing	<input checked="" type="checkbox"/> Check if project performed with current firm
<p><b>d.</b> I-75/Griffin Road (SR-818) Interchange, Broward County, FL - FDOT D4</p> <p>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE            Roadway Designer - The scope consisted of improvements including modifications to the interchange by realigning the I-75 ramps to converge at a new signalized intersection. Her responsibilities include the geometrics, signing and pavement markings, signalization and long range estimates. Project Length: 1 mile. <i>Project Cost: \$1,400,000 (Fees Only) - Construction Cost: \$11,000,000</i></p>	2010	2013
<p><b>e.</b> Design/Build for the Reconstruction of SE 3<sup>rd</sup> Street, Palm Beach County, FL - FDOT D4</p> <p>(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE            Project Designer - She was responsible for the production of roadway plans, signing and pavement marking plans and quantities. The scope of this project included roadway plans, drainage design, signing and marking plans and utility relocation plans. The design included the use of filter fabric and a thick sub-base in lieu of demucking the roadway. Project length: 0.3 miles.  <i>Project Cost: \$191,203.00 (Fees Only) - Construction Cost: \$1,100,000.00</i></p>	2010	2011

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>RICHARD BOLT</b>	13. ROLE IN THIS CONTRACT <b>CIVIL SITE PLANNING, PERMITTING, CONSTRUCTION MANAGEMENT</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>34</b>	b. WITH CURRENT FIRM <b>11</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) P.E. No. 14562 Maryland P.E. No. 16025 Virginia P.E. No. 8214 Columbia SBCCI Building Inspector CTQP ID #: B430752564060	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.S. Building Construction, Auburn University, AL</b>			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Design of Roadway Drainage Systems- Advanced Geotech Systems 2003 (.6 CEU's) Mr. Bolt reviews shop drawing submittals, to be in compliance with construction documents, performs field inspections in order to monitor contractor performance, and estimates construction costs.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) <b>Gilbert Samson Ocean Front Park – City of Sunny Isles Beach, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>2017</b>
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Construction Inspector/Resident Project Representative responsible for overseeing the construction of a sanitary sewer grinder pump with connection to Dade County Facilities, new driveway access from a FDOT, Collins Avenue. The project also included architectural plans for the addition of two bathroom stalls, full plumbing and electrical upgrades. He was also responsible for overseeing the landscaping in the park, including a new stage installed on the site. The project also included all new exterior and interior lighting. <i>Cost/Fees Paid: \$141,478.00 Construction Cost: \$3 million</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) <b>Permit Review and Inspections, Broward County, FL – Town of Southwest Ranches</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2010</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Town Engineer services, performed reviews and inspections of all building permits and fill permits for site-work, grading and drainage. He performed final inspection of all permitted work, to ensure conformance to plans. <i>Project Cost: \$497,855.00</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) <b>SR-845/Powerline Road, Palm Beach County, FL – FDOT, District 4</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Utility Coordinator in charge of a 3 mile RRR project which involved utility coordination, procurement of utility schedules, color-coded plans and utility cost estimates. The scope of the project consisted of complete design of widening and resurfacing three miles of a major arterial roadway, including drainage design, pavement marking and signing, overhead signing plans, lighting plans, seven signal locations, major culvert (72-inch) replacement, structural plans (bridge widening) and deck replacement, public involvement program and landscape improvements. The project installed 8 major signalized intersections with galvanized mast arms. Signal analysis and new signal timings were developed using the Synchro model. <i>Project Cost: \$1,200,000.00 (Fees Only) – Construction Cost: \$8,500,000.00</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) <b>Davie Road Beautification Project, Broward County, FL – Town of Davie Community Redevelopment Agency</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer: He was responsible for the design of the roadway and sidewalk improvements, which created a friendly pedestrian downtown area. The project included the installation of brick paver sidewalks, and planter areas.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) <b>Nautilus and La Gorce Neighborhood Improvements Projects – City of Miami Beach, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer: The proposed design followed the citywide stormwater master plan for guidance and included the design of injection well systems as well as improvements to the drainage collection systems. He designed several stormwater pump stations and provided the mechanical and structural design. The hydrologic and hydraulic modeling was done using the AdICPR computer model. <i>Cost/Fees Paid: \$167,961.00 - Construction Cost: \$8,000,000.00</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>RENATO ALVA</b>	13. ROLE IN THIS CONTRACT <b>TRAFFIC SIGNAL/TIMING &amp; DESIGN/TRAFFIC STUDIES/ DATA COLLECTION</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>1</b>	b. WITH CURRENT FIRM <b>1</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>N/A</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.S. Civil Engineering, Florida International University, Miami, Florida, December 2015</b>			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Mr. Alva has studied transportation engineering and understands the concepts of designing highways and roads, including marking and signing, traffic engineering analysis, traffic signals and roadway geometrics. He is familiar with the pavement design including using the AASHTO and FDOT Pavement Design Manuals for the proper design of highway and roads. Mr. Alva has learned the art of designing concrete structures including beams, columns, concrete slabs, etc.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) <b>W. 76<sup>th</sup> Street at W. 18<sup>th</sup> Lane Intersection – City of Hialeah, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Traffic Engineer who is responsible for data collection, engineering analyses, and the traffic report.		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>SR- 860/Miami Gardens Drive/NW 186<sup>th</sup> Street Intersection Quality Assessment, Miami-Dade County, FL – FDOT, District 6</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer: He performed field reviews at the study location, obtained the traffic Data collection (72-Hr continuous traffic counts), reviewed the 3-year crash data review and confidence level analysis, reviewed collision diagrams and assisted with the data analysis and written report including all of the above items, conclusions and recommendations.		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>Railroad Quiet Zone Feasibility Study – City of Miami Springs</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Engineer: He observed the relevant Railroad Crossing Identification; took a Railroad Crossing inventory; performed Traffic Data collection (72-Hr continuous traffic counts) at 7 Railroad Crossings; performed a Quiet Zone Feasibility Analysis including 7 Railroad Crossings; proposed Railroad Crossing improvements and Conceptual Cost Estimates; and assisted with the Report including all of the above items, conclusions and recommendations.		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>I-95 and 6<sup>th</sup> Avenue PD&amp;E Study – FDOT, District 4</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Traffic Engineer who is responsible for the intersection capacity analysis and field observations as well as assisting in the preparation of the technical report. He performed a 5-year crash data review and confidence level analysis; reviewed collision diagrams; performed a Weaving Analysis utilizing the methodologies contained in the Highway Capacity Manual 2010 (HCM 2010) and performed a Benefit to Cost Ratio Analysis. <i>Cost/Fees Paid: \$786,766.00 Construction Cost: \$4,000,000</i>		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>SR 916/Opa-Locka Blvd Traffic Study TWO #39 – FDOT D6</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Traffic Engineer who is responsible for the intersection capacity analysis and field observations as well as assisting in the preparation of the technical report.		<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
STACY SOOKDEW-SING	CONSTRUCTION MANAGEMENT, CONSTRUCTION ENGINEERING & INSPECTION	13	9

15. FIRM NAME AND LOCATION (City and State)



**R.J. BEHAR & COMPANY, INC.**  
6861 SW 196<sup>th</sup> Avenue, Suite 302  
Pembroke Pines, FL 33332

16. EDUCATION (DEGREE AND SPECIALIZATION)

HS Graduate, North Miami Senior High School

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
CTQP ID #: S23278171664

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Certifications include: Final Estimate Level I&II, MOT Intermediate Level, Advanced MOT, Asphalt Paving Level I, Earthwork Construction Level I&II, FDOT Resident Compliance Training, FDOT 8 Hour LAP Workshop, 2001- 2010, Statewide Training Program for Florida Resident Compliance Specialists, 2007, 2005, US Wage and Hour Division, Prevailing Wage Rate Conference 2011, 2012, Payrolls, On-The-Job-Training, EEO/AA, DBE Program, FDOT - 12 Hour Training, Program: EEO, DBE and Payroll Compliance on Local Area Projects, Including, USDOT, OIG Video, 2011, 2010 & QC Manager.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. Davie Road Phase II - Local Agency Program (LAP) – Town of Davie, Florida		Ongoing
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Administrator/Contract Support & Resident Compliance Specialist - The scope of the project includes the construction of a new landscape median dividing the NB and SB traffic movements, demolition work consisting of concrete and pavement removal as indicated in the plans, curb and paver removal; the addition of 4-FT bicycle lanes on both sides of Davie Road, milling & resurfacing, overbuild, widening the existing sidewalks from 5-FT to 8-FT, minor drainage modifications and connections, new roadway lighting, a new bus shelter, signalization upgrades at SW 39th Street and SW 37th Street. <i>Cost/Fees Paid: \$297,438.25 - Constr. Cost: \$2,433,873.04</i>		
b. NE 2 <sup>nd</sup> Avenue/Seacrest Beautification Project LAP Project, Palm Beach County, Florida – City of Delray Beach/FDOT D4		2016
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Administrator/Contract Support Specialist/Inspection: She was responsible for complete inspection as well as documentation for final close-out of the project. She monitored contractor pay items, processed monthly payment applications, reviewed and monitored RFIs and shop drawings, prepared and document work orders, attended progress meetings and prepared the meeting minutes, review EEO Submittals, uploaded project documents on FDOT LAPIT, maintained and update the project as-builts, all in preparation for the Final Audit and submittal of the final closeout package. <i>Project Length: 0.33 miles Cost/Fees Paid: \$191,562 - Constr. Cost: \$1,862,741</i>		
c. US-1/Federal Highway Beautification CEI Services, Local Agency Program (LAP) Project, Delray Beach, FL – City of Delray Beach		2015
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Resident Compliance Specialist – She was responsible for reviewing weekly certified payrolls, maintaining compliance files and spreadsheets, and making certain the contractor conforms to all project EEO/AA requirements. Her responsibilities also include uploading all documentation into the LAP-IT program for FDOT as well as checking the DBE contractor's payments into the EOC system. <i>Project Length: 2.4 Miles - Cost/Fees Paid: \$1,219,469 - Construction Cost: \$12,486,967.77</i>		
d. SW 21 <sup>2nd</sup> Street Drainage Safe Routes to School/LAP Project – Town of Cutler Bay/FDOT D6		2015
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Administrator/Resident Compliance Specialist/Contract Support Specialist/Field Inspector: She monitored contractor pay items, processed monthly payment applications, reviewed and monitored RFIs and shop drawings, attended progress meetings and prepared the meeting minutes, reviewed EEO Submittals, reviewed the contractor and subcontractor's payrolls, uploaded project documents on FDOT LAPIT, prepared for and attended the Final Audit and completed the final closeout package. <i>Cost/Fees Paid: \$70,514.80 - Const. Cost: \$727,590.87</i>		
e. W. 53 <sup>rd</sup> Street from W. 12 <sup>th</sup> Avenue to W. 16 <sup>th</sup> Avenue LAP and ARRA Project, Miami-Dade County, Florida – City of Hialeah/FDOT D6		2012
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Contract Support Specialist/Resident Compliance Specialist assigned to this project to ensure strict compliance with all Federal ARRA Regulations and complete project administration; overseeing the compliance performed by the contractors. She monitored all DBE participation, EEO/AA compliance, and reviewed all of the certified payrolls for the prime contractor and the subcontractors. As the CSS, she performed all of the document control, attended all meetings and managed the meeting minutes, assisted with the close-out package, prepared for and attended the Final Audit as well as submitted monthly estimates to the local agency. <i>Project Length: 0.5 miles - CEI Construction Cost: \$126,263.09</i>		
Design-Build Cost: \$781,000		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>DALTON POLANCO, EI</b>	13. ROLE IN THIS CONTRACT <b>CONSTRUCTION ENGINEERING INSPECTION</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>24</b>	b. WITH CURRENT FIRM <b>6</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>CTQP # P45216553</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.S. Civil Engineering, Florida State University</b> <b>A.S. Tallahassee Community College</b>			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
CTQP Certifications include: Asphalt Paving Technician Level I; Asphalt Paving Technician Level II; Concrete Field Technician Level I; Earthwork Cons Inspection Level I; Earthwork Cons Inspection Level II; Final Estimates Level I; Final Estimates Level II; Pile Driving Inspection; Drilled Shaft Inspector ; ACI Concrete Field Testing Technician Grade I; CPN Radiation Safety and Use Nuclear Gauges; FDOT LBR Technician; FDOT Asphalt Plant Level I; Work Zone Traffic Control Intermediate Level; HAZWOPER 40 HR Training; Nuclear Gauge Safety Training/Hazmat Training; CMEC Concrete Cylinder Testing.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. SR-821/HEFT Widening from North of SW 72 <sup>nd</sup> Street/Sunset Drive to North of SW 40 <sup>th</sup> Street/Bird Road MP 21.949 to MP 24.033 – Miami-Dade Expressway Authority		Ongoing
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Bridge Inspector overseeing the structural components of the project for the bridge substructure and superstructure, including inspection of all steel reinforcement, pile driving operations, micropile construction, pile caps construction, drilled shaft construction		
<input checked="" type="checkbox"/> Check if project performed with current firm		
b. Design/Build - SW 196 <sup>th</sup> Avenue/Pembroke Road – City of Pembroke Pines, FL		2014
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Inspector – He temporarily substituted for the Sr. Inspector originally assigned to this project. While there, he performed inspections for the construction of approximately 2 miles of rural section collector and arterial. His duties included, shop drawing reviews, utility coordination, review of all materials furnished, resolving the contractor's request for information, monitoring stormwater pollution prevention. Project Length: 2.0 miles. Project Cost: \$ 638,005.00 (Fees Only) – Construction Cost:\$254,585.92		
<input checked="" type="checkbox"/> Check if project performed with current firm		
c. SE 15 <sup>th</sup> Avenue Bridge Replacement – City of Fort Lauderdale, FL; LAP Project		2013
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Inspector – He performed the field inspection, recorded the pile driving log records, verified and monitored the vibration levels around all existing adjacent structures, reviewed pile as-built installation plan, reviewed and analyzed engineer analysis reports for out of tolerance piles, and was responsible for confirming and verifying approval of all the materials incorporated into the project. Project Length: 0.2 miles. Project Cost: \$534,190.00 (Fees Only) – Construction Cost: \$3,814,743.00		
<input checked="" type="checkbox"/> Check if project performed with current firm		
d. Hillsboro Boulevard at Military Trail Intersection Improvements – Broward County Engineering		2012
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Roadway Inspector – He verified materials incorporated into the work, verified sampling and testing, prepared daily inspection reports, reviewed shop drawings, and monitored the compliance with MOT plans as well as monitored schedules and dates. He also served as liaison between the contractor and county. Project Length: 0.8 miles. Project Cost:: \$174,170 (Fees Only) – Construction Cost: \$1,911,583		
<input checked="" type="checkbox"/> Check if project performed with current firm		
e. Flexible Canopy Replacement, Fort Lauderdale/Hollywood International Airport – Broward County Aviation		2012
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Construction Inspector – He provided construction inspection services for roof replacement work at structures G-420, G-422 and S-26 in north central Miami-Dade County. The project work consisted of the construction of new roofing systems, structural repairs and providing roof accessibility to three (3) buildings: Pump Stations G420, G422 and S26. Project Cost: \$35,126.00 - (Fees Only) – Construction Cost: \$500,000.00		
<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>HUMBERTO SOTERAS</b>	13. ROLE IN THIS CONTRACT <b>CONSTRUCTION ENGINEERING INSPECTION</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>26</b>	b. WITH CURRENT FIRM <b>4</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>CTQP # S362320603360</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>High School Diploma</b>			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
His CTQP certifications include Asphalt Paving Technician Level I and II, FDOT LBR Technician, Asphalt Plant Level I, HAZWOPER 40 HR Training, Nuclear Gauge Safety Training /Hazmat Training, CMEC Concrete Cylinder Testing, ACI Field Technician Level I, Concrete Field Inspector Level I, CTQP Earthwork Construction Inspection Level I and II, Pile Driving, Advanced Maintenance of Traffic.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. <b>Wiles Road from West of Rock Island Road to SR-7 / US-441, Broward County, Florida - Broward County Highway Construction &amp; Engineering</b>		<b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Roadway Inspector responsible for coordinating field inspection staff with daily work activities; reviewing field books for tabulation of pay quantities; daily inspection of density log book entries; daily inspections of MOT lane closures and MOT devices; coordinating upcoming construction activities with business owners, homeowner associations, and residents; documenting field changes from utility conflicts; conducting routine daily field inspections of overall work progress throughout project limits; following up on project related issues for timely resolutions; reviewing contractors quality control plan implementation and inspection reports; and performing daily inspections of erosion control devices. <i>Cost/Fees Paid: \$1,066,478.77 Construction Cost: \$10,632,710.79</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm	
b. <b>SW 207<sup>th</sup> Terrace/SW 54<sup>th</sup> Place - City of Pembroke Pines, FL</b>		<b>2014</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Inspector responsible for overseeing the construction of the new two-lane, two-way roadway that lies in the City of Pembroke Pines and will run from SW 207 <sup>th</sup> to SW 205 <sup>th</sup> Avenue. He made sure that the Contractor was constructing the road to conform to the specifications, records daily reports, attended meetings, and reviewed RFIs. <i>Project Cost: \$116,500 - Construction Cost: \$1.2 million</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. <b>Arch Creek Bike Path and Pedestrian Bridge, Replacement Project - City of North Miami, FL; Lap Project</b>		<b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Inspector in charge of overseeing all of the construction on this project. The proposed improvements included full bridge demolition and replacement. The proposed bridge replacement includes reinforced abutments supported by 24" square pre-stressed concrete piles foundation designed to support the pre-manufactured steel truss pedestrian bridge. <i>Project Cost: \$42,853 - Construction Cost: \$432,950.66</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. <b>Design-Build SW 196<sup>th</sup> Avenue/Pembroke Road - City of Pembroke Pines, FL</b>		<b>2012</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Inspector: His duties included, shop drawing reviews, utility coordination, review of all materials furnished, resolving the contractor's Request for Information, monitoring stormwater pollution prevention and erosion control plans to ensure they are in compliance. He provided quality control for concrete and asphalt, plans compliance monitoring and inspected the construction of the roadway design. <i>Project Cost: \$756,505.00 - Construction Cost: \$5.3 million</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. <b>NW Neighborhood Phase III Sistrunk Boulevard - FDOT, District 4</b>		<b>2016</b>
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Inspector responsible for overseeing the roadway improvements and pedestrian features, including milling and resurfacing of all traffic lanes, new pavement markings, installation of pedestrian crossings, new concrete sidewalk with ADA compliant access ramps at the pedestrian crossings; new curbing; new drainage system (catch basins, exfiltration trench and other drainage items) within the project area.		
	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>MICHAEL OWENSBY</b>	13. ROLE IN THIS CONTRACT <b>CONSTRUCTION ENGINEERING INSPECTION</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>25</b>	b. WITH CURRENT FIRM <b>9</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R. J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>CTQP # 052154768</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>High School Diploma</b>			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
CTQP Certifications include: Asphalt Paving Technician Level I & II; Earthwork Construction Level I & II; Final Estimates Level I and II; Concrete Field Technician Level I & II; Drilled Shaft Installation Inspection; Pile Driving Inspection; Advanced Maintenance of Traffic; ACI - Concrete Field Testing Technician Grade 1; ACI Concrete Transportation Construction Inspector; TROXLER - Nuclear Gauge Safety/Hazmat Training; IMSA Traffic Signal Technician Level I; FDOT Signalization; APNGA - Portable Nuclear Gauge; Construction Training SLAP Team; IMSA Work Zone Safety Certification Program; CSX Roadway Worker Protection

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. SW 212 <sup>th</sup> Street Drainage, Local Agency Program (LAP) Project, Miami-Dade County, Florida - Town of Cutler Bay		2015
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Project Administrator/Senior Inspector: He performed inspections to verify that all punch list items were resolved. He was responsible for the final close-out package for the project. The work included milling and resurfacing, new curb and gutters, ADA compliant curb ramps, signing, and pavement markings, replacement of damaged sidewalk flags, and to improve the drainage in the surrounding school zone. This project was funded by the U.S. Army Corps of Engineers and South Florida Water Management District. <i>Cost/Fees Paid: \$70,514.80 Construction Cost: \$727,590.87</i>		
b. SE 15 <sup>th</sup> Avenue (Bridges Replacement) CEI - City of Fort Lauderdale, FL; LAP Project		2013
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Bridge Inspector - He substituted on this project and was responsible for all of the required tasks performed by the Sr. Inspector on a daily basis. This included Daily Inspection reports, and overseeing all activities performed by the contractor and sub contractors. The scope consists of the complete replacement of bridges that cross over the Marchetta River Bridge and Carlotta River Bridge. Project length: 0.2 miles. <i>Project Cost: \$534,190.00 (Fees Only) - Construction Cost: \$3,814,743.00</i>		
c. SR-806/Atlantic Boulevard at Rock Island Road Intersection Improvements, Broward County Engineering		2013
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Roadway Inspector in charge of the improvements of Atlantic Boulevard at Rock Island Road. The Atlantic Boulevard and Rock Island Road intersection project consists of the construction of a westbound left turn lane, westbound right turn lane, and dual left-turn lanes on all four legs of the intersection. In addition, both intersection projects include drainage, sidewalks, curb & gutter, signalization, signals, roadway widening, milling/resurfacing, and signing and pavement markings, landscaping, and irrigation improvements. <i>Project Cost: \$875,900 (Fees Only)</i>		
d. Pines Boulevard (SR-820) and I-75 (SR-93) Interchange, CEI, City of Pembroke Pines, FL - FDOT D4	2008	2010
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Roadway Inspector on this Local Agency Program (LAP) project between the City of Pembroke Pines and the FDOT District 4. This is a federally funded project consisting of urbanized improvements at the I-75 (SR-93) and Pines Boulevard (SR-820) Interchange. Project length: 1.3 miles. <i>Project Cost: \$11.2 Million</i>		
e. Emergency Water Main Repair - City of Pembroke Pines, FL		2009
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Senior Inspector for the emergency repair of a 16" PVC transmission water main that ruptured along Pines Boulevard, east of 145 <sup>th</sup> Avenue in the City of Pembroke Pines. The project consisted of the replacement of 20 lf. of a 16" PVC water main with 16" DIP restrained sleeve pipe, fire hydrant installation for flushing and testing, backfill and compaction following FDOT specifications. <i>Project Cost: \$8,000 - Construction Cost: \$50,000 (Estimate)</i>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>LOGAN FASANELLA</b>	13. ROLE IN THIS CONTRACT <b>CONSTRUCTION ENGINEERING &amp; INSPECTION, TRAFFIC DATA COLLECTION</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>3</b>	b. WITH CURRENT FIRM <b>7</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>TIN #: F254533883350</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>A.A. Culinary, Art Institute of Tampa, Tampa, Florida</b>		18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) CTQP Certifications: Advanced Maintenance of Traffic, Earthwork I&II, Asphalt Paving Level I&II, FDOT Critical Structures Construction Issues, FDOT Concrete Field Technician Level 1, Stormwater Erosion Sedimentation Control Inspector, Final Estimates Level 1 – Scheduled, Hazmat/Nuclear Radiation, FDOT MSE Walls Certification, FDOT Wage and Labor Training & Pile Driving Inspection	

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) <b>Davie Road Phase II Local Agency Program (LAP) CEI Services – Town of Davie</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2015</b>
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Inspector responsible for overseeing the construction of a new landscape median dividing the NB and SB traffic movements, demolition work consisting of concrete and pavement removal as indicated in the plans, curb and paver removal; the addition of 4-FT bicycle lanes on both sides of Davie Road, milling & resurfacing, overbuild, widening the existing sidewalks from 5-FT to 8-FT, minor drainage modifications and connections, new roadway lighting, a new bus shelter, signalization upgrades. <i>Cost/Fees Paid: \$297,438.25 - Construction Cost: \$2,433,873.04</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) <b>US-1/Federal Highway Beautification Project – City of Delray Beach, FL; LAP Project</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2015</b>
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Inspector who was responsible for checking the dimensions of the sign panels to make sure they comply with the MUTCD and FDOT Design Standards, pre and post installation. He inspected the traffic signal inductive loop assemblies at the signalized intersections. This project included widening for a street parking area, the addition of a 4-foot bike lane, new left turn lanes, new sidewalks, curb and gutter, decorative lighting, milling and resurfacing, including some overbuild areas, pavement markings, drainage modifications, water main upgrades, construction of bulb-outs in the radius returns of the side streets, sidewalks, new traffic signal loops at all intersections, new underground traffic signal interconnect system, irrigation, and landscaping. <i>Project Cost: \$1,219,469 (Fees Only) – Construction Cost: \$12,486,967.77</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) <b>Broward Boulevard from Pine Island Road to I-95 – Florida Department of Transportation (FDOT), District 4</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2016</b>
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Inspector responsible for overseeing the paving, concrete, drainage, and signalization work operations on the project. The project scope consisted of providing transit infrastructure elements to support initiatives for a new express bus service along. Additionally, project activities will occur within the West Regional Terminal Park & Ride Lot – including new sidewalk, ADA improvements, crosswalks, curb ramps, bus pad improvements, signing and pavement markings, minor drainage improvements, guardrail replacement, pedestrian detector signals, installation of a new GPS system in all existing controller cabinets at all signalized intersections, milling & resurfacing, and median modification to provide a bus-only left turn at SW 22nd Avenue. <i>Project Length: 5.75 miles Costs/Fees Paid: \$20,861.95</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) <b>I-75/Griffin Road/SR-818 Intersection Traffic Study – FDOT, District 4</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2014</b>
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collector: He assisted with the data collection of the signalized intersection analysis, weaving analysis, queuing analysis, interchange capacity analysis and crash analysis. The scope of this part of the project resulted in an Interchange Operational Analysis Report (IOAR).		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) <b>SW 212<sup>th</sup> Street Drainage, LAP Project – Town of Cutler Bay</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) <b>2015</b>
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Inspector: He performed inspections to verify that all punch list items were resolved. The work included milling and resurfacing, new curb and gutters, ADA compliant curb ramps, signing, and pavement markings, replacement of damaged sidewalk flags, and the installation of a solar-powered pedestrian beacon (rapid-flashing). <i>Cost/Fees Paid: \$70,514.80 Construction Cost: \$727,590.87</i>		
	<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person)

12. NAME <b>YAHARRIS FLORES</b>	13. ROLE IN THIS CONTRACT <b>TRAFFIC STUDIES/DATA COLLECTION</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>8</b>	b. WITH CURRENT FIRM <b>8</b>
15. FIRM NAME AND LOCATION (City and State)  <b>R.J. BEHAR &amp; COMPANY, INC.</b> 6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332			
16. EDUCATION (DEGREE AND SPECIALIZATION) Physical Education, Pontificia Universidad Católica de Puerto Rico 2006		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Ms. Flores has worked on multiple jobs obtaining traffic data for various studies. She is well-versed in hand-held data collectors regarding calibration and maintenance. She also has expertise in compiling and categorizing the data and assembling the information into a report file. Ms. Flores also works as a secretarial assistant with expertise in Microsoft Office including Word, Excel, Power Point and Publisher.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	SR-5 /US-1/Biscayne Boulevard and Resurfacing from NE 199th Street to NW 213rd Street - FDOT D6	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collector - The scope of work includes milling and resurfacing, pavement widening, median reconstruction, upgrading pedestrian facilities to comply with ADA requirements, signing and pavement markings, bike lane designations, and provide signalization and operational improvements at the intersections of Biscayne Boulevard. <i>Cost/Fees Paid: \$228,638; Constr. Cost:\$789,805.00</i>	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	FIU Biscayne Bay Campus - Traffic Counts - Phase II - Miami-Dade County (Subconsultant to Kimley-Horn & Associates)	2011	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collection Technician - She is performing the traffic counts including turning movements and volume. The purpose of the study is to improve access to the college. <i>Fees Paid:\$2,572.00 - Construction Cost: N/A</i>	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	FIU Biscayne Bay Campus - Traffic Counts - Miami-Dade County, Florida (Subconsultant to Kimley-Horn & Associates, Inc.)	2011	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collection Technician - She performed traffic counts - The project included the analysis of several intersections and a link analysis. The existing condition modelings were done using Synchro. Forecasting for the new links was done using FSUTMS, and Synchro analyzed the proposed conditions, with volumes from FSUTMS. <i>Fees Paid:\$3,500.00 - Construction Cost: N/A</i>	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	SR-80/Southern Boulevard Improvements PD&E Traffic Study, Palm Beach County - FDOT District 4 (Subconsultant to C3TS)	2011	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collection Technician - She performed traffic counts. The Florida Department of Transportation (FDOT), District IV and the Federal Highway Administration (FHWA) is considering improvements to SR 80 (Southern Boulevard) in Palm Beach County, Florida. SR-80 is considered a principal arterial, emergency evacuation route and a regional transportation corridor; integral to both the Florida Intrastate Highway System (FIHS) and the Strategic Intermodal System (SIS). This project extends approximately 8.7 miles along SR-80 (Southern Boulevard) from CR-880 at Mile Post (MP) 0.228 to Forest Hill Boulevard at MP 8.94 in central Palm Beach County. <i>Length: 8.7 miles - Cost/Fees Paid: \$102,172.00 - Construction Cost: N/A</i>	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	NW 87 <sup>th</sup> Avenue/SR-25 Okeechobee Road Area - Traffic Study, Miami-Dade County, FL - FDOT District 6 (Subconsultant to: Metric Engineering, Inc.)	2011	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collection Technician - She helped in the preparation of the exhibits and traffic counts for the 87th Avenue traffic study. The scope includes final design and future new reconstruction, roadway design, traffic operations, drainage, structure and construction.	<input checked="" type="checkbox"/> Check if project performed with current firm	
f.	Bicycle/Pedestrian Mobility Plan for The Miami Downtown Development Authority (DDA) Area - (Subconsultants to Kimley Horn & Associates) - Miami Dade County MPO	2010	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE Data Collection Technician She performed traffic counts - RJB participated as subconsultant from Kimley Horn & Associates in this project. The scope of work involved pedestrian counts, bicycle counts and sidewalk inventory. <i>Fees Paid:\$5,000.00 - Construction Cost: N/A</i>	<input checked="" type="checkbox"/> Check if project performed with current firm	

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

**NW 87<sup>th</sup> AVENUE FROM NW 74<sup>th</sup> STREET TO NW 103<sup>rd</sup> STREET - MIAMI-DADE COUNTY, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

Ongoing

CONSTRUCTION (if applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Florida Department of Transportation, District 6  
1000 NW 111<sup>th</sup> Street, Miami, FL 33172

b. POINT OF CONTACT NAME

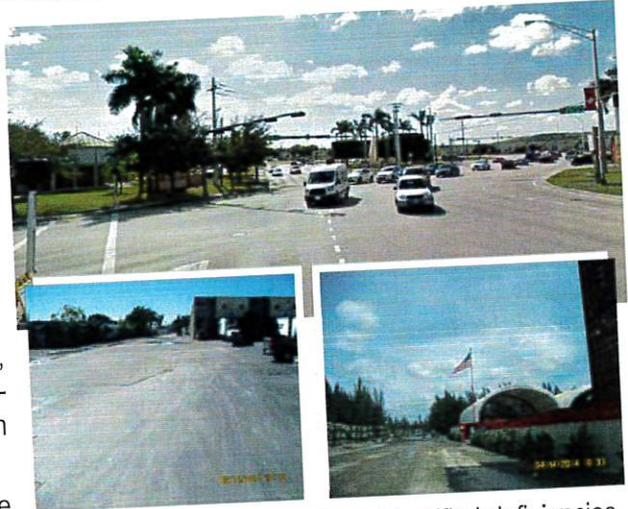
Ms. Ana Arvelo, PE  
Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

Tel: (305) 470-5210  
E-mail: ana.arvelo@dot.state.fl.us

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The scope of the project consisted of final design for the reconstruction of a segment and new construction of NW 87<sup>th</sup> Avenue from NW 74<sup>th</sup> Street to NW 103<sup>rd</sup> Street (2 miles), within the Town of Medley. NW 87<sup>th</sup> Avenue is primarily a north-south urban arterial, Miami-Dade County owned roadway, with a design speed of 40 mph. The proposed improvements will provide a much needed north-south corridor along western Miami-Dade County. R.J. Behar & Company, Inc. (RJ Behar) was responsible for the roadway design, traffic studies, drainage design, signing and pavement markings, signalization, lighting, and overall coordination. NW 87<sup>th</sup> Avenue is an off-system roadway bound by the Florida Greenbook for its design criteria.



The scope of this project included a traffic study to evaluate existing conditions and develop short-range and longer-term improvement alternatives to address identified deficiencies and evaluate the proposed alternatives and to determine the optimal geometrics. Traffic projections, traffic operations and signal warrants for eight intersections in an area involving three major roadways were also performed. Several improvements were identified that significantly improved operation and safety. Study was successfully completed and received approval by FDOT. The drainage design for the project included a series of interconnected French drains and new outfall to the Miami Canal. The design was especially challenging because of the presence of contamination in several parts of the project. The project was permitted with the South Florida Water Management District and the Miami Dade Department of Environmental Protection (DERM). The project included a new bridge over the Miami Canal. A Bridge Hydraulic Report (BHR) was prepared for the new crossing, addressing canal hydraulics, scour and bridge clearances.

*Cost/Fees Paid: \$2,294,823.00; Construction Cost: \$34,800,000; Est.; Project Stated: 04/28/2005 Project Completed: Design 2016/Construction ongoing; Project Length: 2 miles; FM No. 405615-3-52-01*

**Key Personnel:** Robert J. Behar, PE – Project Manager | Juan Vazquez, PE, PH, BCEE – Drainage Engineer | Rafael De Arazoza, PE, PTOE, CPM – Traffic Engineer | Anthony Alfred, PE – Project Engineer | Carlos Mazorra, PE – Signalization Plans | Hans Murzi, PE – Project Engineer | Kira Leon, EI – Project Engineer | Nanette Akyaz – Project Designer | Marlin Scattolini – Project Designer

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
R.J. BEHAR & COMPANY, INC.	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Roadway/Traffic Control Plan (TCP) design, pavement marking and signing, signalization, lighting, drainage and permitting, bridge construction, utility coordination, traffic study, traffic counts, traffic projections and traffic warrants.

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
 (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION (City and State)

NW 52<sup>nd</sup> STREET FROM NW 107<sup>th</sup> AVENUE TO NW 97<sup>th</sup> AVENUE - TRAFFIC CALMING STUDY, CITY OF DORAL, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2014

CONSTRUCTION (If applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Doral  
8401 NW 53<sup>rd</sup> Terrace, 2<sup>nd</sup> Floor  
Doral, Florida 33166

b. POINT OF CONTACT NAME

Ms. Rita Carbonell

c. POINT OF CONTACT TELEPHONE NUMBER

Tel: (305) 593-6740 Ext 6015

Fax: (305) 593-6768

E-mail: rita.carbonell@cityofdoral.com

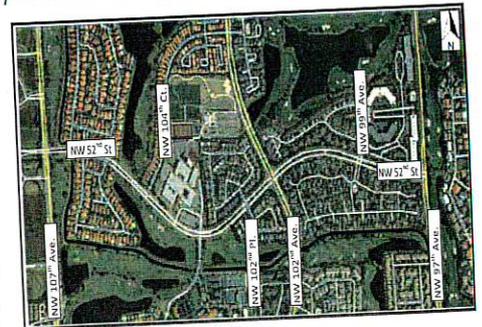
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

R.J. Behar and Company, Inc. (RJ Behar) was retained by the City of Doral to perform a Traffic Calming Study for NW 52<sup>nd</sup> Street from NW 97<sup>th</sup> Avenue to NW 107<sup>th</sup> Avenue. Residents of the City of Doral have expressed concerns with regards to the existing vehicular traffic flow along NW 52<sup>nd</sup> Street between NW 107<sup>th</sup> and 102<sup>nd</sup> Avenues and the resulting safety and operational concerns it presented to school children, residents as well as visitors. The concerns were centered on high vehicular volumes as the result of the apparent use of NW 52<sup>nd</sup> Street as a cut-through-traffic street and the excessive vehicular speeds along this roadway. The study purpose was to perform a traffic study that addressed the above indicated concerns and to develop measures and/or physical improvements to mitigate these concerns. The study was performed in accordance to Miami-Dade County Traffic Flow Modification(s) and Street Closure(s) Procedure dated January 2009 (TFMSC) and City of Doral applicable policies, regulations, guidelines and standards.

RJ Behar provided data collection and field observations as follows:

- a. Two-way, 72-hours vehicular traffic volume counts to include speeds and vehicle classifications
- b. The collected traffic volumes were converted to Average Annual Daily Traffic (AADTs) and their equivalent peak hour traffic volumes using the latest available seasonal factors (SF) from the FDOT Traffic Data Information System as well as axle correction factors as applicable. Average daily and AM and PM peak hour tables were also developed
- c. Average, 50<sup>th</sup> and 85<sup>th</sup> Percentile speeds tables/graphics were developed.
- d. A field inventory was conducted to assess existing roadway traffic signs and pavement markings.

Based on the two-way volumes collected, the AADT and PHV exceeded the minimum thresholds in the Traffic Flow Modification(s)/ Street Closure(s) Procedure (Revised January 2009) set by the Miami-Dade County Public Works Department Traffic Engineering Division. The report recommended further detailed studies to determine feasible traffic calming projects such as roundabouts. In addition, based on the results of the field review, it was recommended to refurbish the existing pavement markings within the study area.



Furthermore, the existing school signs (yellow plaques) should be replaced with the new fluorescent yellow-green signs and additional signage such as the School Advance Crossing Assemblies and School Crossing Assemblies should be installed in accordance with Part 7 in the 2009 edition of the Manual on Uniform Traffic Control Devices (MUTCD).

Cost/Fees Paid: \$3,964.20 | Construction Cost: N/A | Project Started: 12/22/2013 | Project Completed: 02/28/2014

Key Personnel:

Robert J. Behar, PE – Principal in Charge | Rafael De Arazoza, PE, PTOE, CPM – Project Manager | Alexander Socarras, EI – Traffic Engineer

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. R.J. BEHAR & COMPANY, INC.	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Traffic calming study, data collection, field observations.

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
 (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
**3**

21. TITLE AND LOCATION (City and State)  
**TRAFFIC ENGINEERING/TRANSPORTATION PLANNING SERVICES, CITY OF DORAL, FL**

22. YEAR COMPLETED  
 PROFESSIONAL SERVICES: **2014**  
 CONSTRUCTION (if applicable):

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  
 City of Doral  
 8401 NW 53<sup>rd</sup> Terrace, Doral, FL 33166

b. POINT OF CONTACT NAME  
 Ms. Rita Carbonell  
 Traffic Engineer

c. POINT OF CONTACT TELEPHONE NUMBER  
 Tel: (305) 593-6740,  
 E-mail: [rita.carbonell@cityofdoral.com](mailto:rita.carbonell@cityofdoral.com)

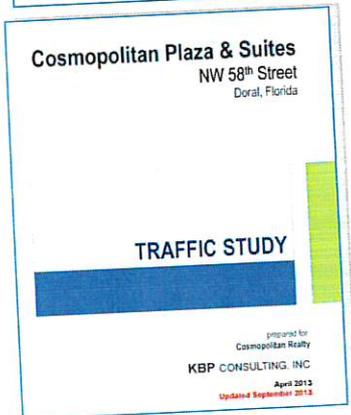
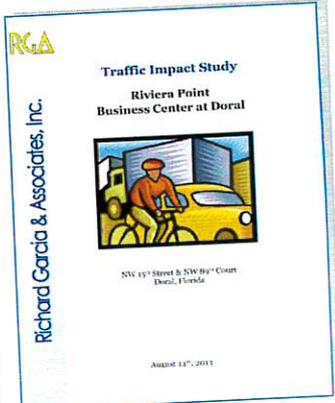
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The scope of the contract is to assist the City of Doral Transportation Engineer on an as needed basis with the daily review of traffic studies, as well as performing traffic operations and safety studies.

All Traffic Impact Studies (TIS) will be comprehensively reviewed in accordance with the City of Doral's Land Development Code (Chapter 59 - Concurrency, Article II - Determination for Concurrency and Capacity, Division 3 - Transportation); Chapter 77 - Roads and Vehicular Use Areas, Article II - Transportation, Division 2 - Transportation improvements and the City's Comprehensive Plan Transportation Element.

Furthermore, all pertinent data and analyses will be reviewed to ensure compliance with applicable standards, policies, procedures and guidelines such as, but not limited to, the applicable versions of the Highway Capacity Manual, the Florida Department of Transportation (FDOT) Quality/Level-of-Service Handbook, the Institute of Transportation Engineers Trip Generation 8<sup>th</sup> Edition and its companion documents; and FDOT, Miami-Dade County; and City of Doral traffic data base information.

R.J. Behar & Company, Inc. (RJ Behar) has successfully completed traffic operations, signal warrant analyses, and street calming studies for the City. RJ Behar also completed the update of the traffic impact fees methodology and application, and has completed over 20 Traffic Impact Review Studies for the City.



Cost/Fees Paid: \$40,000.00 / Construction Cost: N/A / Project Started: 4/24/2012 / Project Completed: 12/31/2014

Key Personnel:

Robert J. Behar, PE – Principal in Charge | Rafael De Arazoza, PE, PTOE – Project Manager | Alexander Socarras, EI – Traffic Engineer | Yajaira Moleiro, EI – Traffic Engineer

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. R.J. BEHAR & COMPANY, INC.	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Traffic engineering/Transportation planning services, including the review of numerous traffic impact studies and performing traffic calming and signal warrants studies.

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION (City and State)

**ROUNDBOUT AND SPEED TABLES AT NW 34<sup>th</sup> AVENUE AND NW 5<sup>th</sup> STREET, CITY OF LAUDERHILL, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**Ongoing**

CONSTRUCTION (If applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Lauderdale  
3800 Inverrary Boulevard, Suite 107  
Lauderhill, FL 33319

b. POINT OF CONTACT NAME

Mr. J. Martin Cala, PE  
City Engineer

c. POINT OF CONTACT TELEPHONE NUMBER

Tel: (954) 730-2960

E-mail: [jmcala@lauderdale-fl.gov](mailto:jmcala@lauderdale-fl.gov)

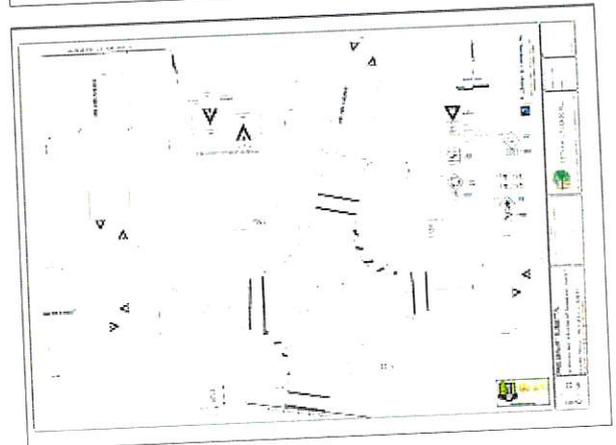
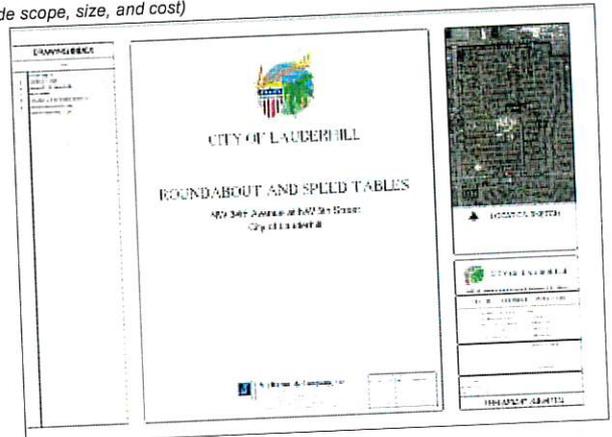
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

R.J. Behar & Company, Inc. (RJ Behar) was contracted by the City of Lauderdale to provide engineering design services to design a roundabout and speed tables as part of neighborhood traffic calming improvements.

The project scope includes the construction of a new roundabout and speed tables at the intersection of NW 34<sup>th</sup> Avenue and NW 5<sup>th</sup> Street. The scope of work will consist of the preparation of Construction Documents (CD's) for the roundabout, speed tables and all the necessary signage and pavement markings, and utility coordination. It will also include all related permitting and construction documents for the implementation of all improvements including the design of pedestrian and vehicular traffic control plans. Broward County standards were used for the roundabout, signing and pavement markings design. City standards were used for the speed table design. Crosswalks shall be of stamped concrete.

Permitting agencies included:

- Broward County Traffic Engineering Division
- FDOT Drainage
- Broward County School District, and
- Broward County Bus Transit



Cost/Fees Paid: \$19,576 / Construction Cost: Unknown / Project Started: 8/20/2014 / Project Completed: 12/31/2016)

Key Personnel:

Robert J. Behar, PE – Principal in Charge | Javier Rodriguez, PE – Project Manager | Yulet Miguel, PE – Project Engineer | Mylene Almeida, EI – Project Engineer | Hernando Segura – CAD Designer

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. R.J. BEHAR & COMPANY, INC.	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Project Management and Design Services

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
 (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
**5**

21. TITLE AND LOCATION (City and State)  
**SW 207<sup>th</sup> TERRACE/SW 54<sup>th</sup> PLACE**  
**CITY OF PEMBROKE PINES, FL**

22. YEAR COMPLETED  
 PROFESSIONAL SERVICES: **2015**  
 CONSTRUCTION (If applicable):

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  
 City of Pembroke Pines  
 13975 Pembroke Road, Pembroke Pines, FL 33027  
  
 Contractor: Weekley Asphalt Paving, Inc.  
 20701 Stirling Road, Pembroke Pines, FL 33332

b. POINT OF CONTACT NAME  
 Mr. George Wrves  
 Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER  
 Tel: (954)435-6582  
 E-mail: gwrves@ppines.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This was a **Design-Build** project to produce roadway improvements along a 43 acre parcel in Broward County. A new roadway was constructed and designated as SW 207<sup>th</sup> Terrace (from SW 54<sup>th</sup> Place to Griffin Road). The project also involved roadway improvements along SW 54<sup>th</sup> Place (from new SW 207<sup>th</sup> Terrace to SW 205<sup>th</sup> Avenue) as well as new turn lanes east and west of SW 207<sup>th</sup> Terrace.

Specifically, the SW 207<sup>th</sup> Terrace roadway improvements project consisted of the construction of a two-lane, two-way roadway from Griffin Road to SW 54<sup>th</sup> Place. Additionally, this project included the construction of a new portion of SW 54<sup>th</sup> Place to connect SW 207<sup>th</sup> Terrace to the current terminus of SW 54<sup>th</sup> Place. The new two-lane, two-way roadway will lie in the City of Pembroke Pines and will run from SW 207<sup>th</sup> to SW 205<sup>th</sup> Avenue.

R.J. Behar & Company, Inc. (RJ Behar) performed the design services as well as assisted during the construction phase of the project.



Cost/Fees Paid: \$116,500 / Construction Cost: \$1,675,000 / Project Started: 1/24/2013 / Project Completed: 2/5/2015

Key Personnel:

Robert J. Behar, PE – Principal in Charge | Javier Rodriguez, PE – Project Manager | Yulet Miguel, PE – Project Engineer | Andrea Virgin, PE, LEED AP – Roadway Design

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. <b>R.J. BEHAR &amp; COMPANY, INC.</b>	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Design and permitting and construction phase services

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
 (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION (City and State)

SE 1<sup>st</sup> STREET, SE 1<sup>st</sup> PLACE, SE 2<sup>nd</sup> PLACE AND SE 3<sup>rd</sup> PLACE, HIALEAH, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2015

CONSTRUCTION (If applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Hialeah  
Streets Department  
5601 East 8<sup>th</sup> Avenue  
Hialeah, Florida 33013

b. POINT OF CONTACT NAME

Mr. Jose Sanchez

c. POINT OF CONTACT TELEPHONE NUMBER

Tel: (305) 687-2611

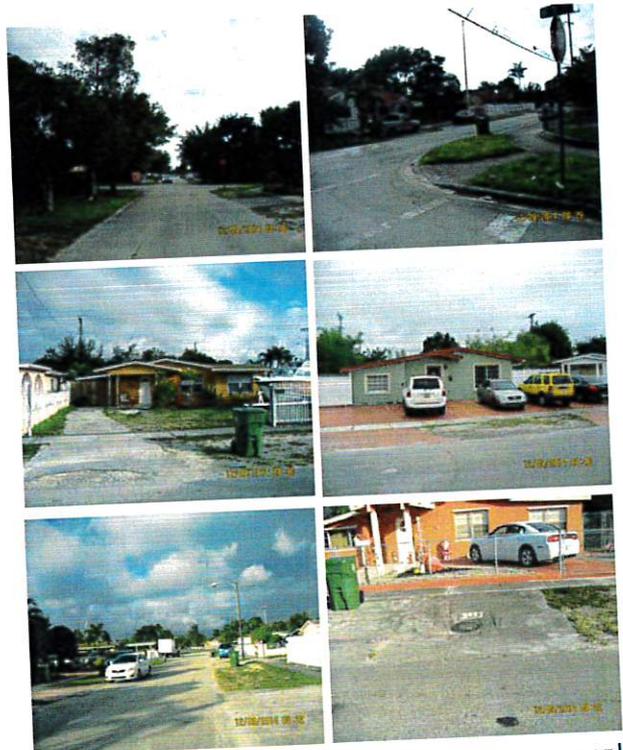
Fax: (305) 687-2632

E-mail: [JOSANCHEZ@hialeahfl.gov](mailto:JOSANCHEZ@hialeahfl.gov)

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

R.J. Behar & Company, Inc. (RJ Behar) was contracted by the City of Hialeah (City) to provide roadway improvements for the reconstruction of SE 1<sup>st</sup> Street, SE 1<sup>st</sup> Place, SE 2<sup>nd</sup> Place and SE 3<sup>rd</sup> Place from East 6<sup>th</sup> Avenue to East 8<sup>th</sup> Avenue within the City of Hialeah. This is part of the continuous neighborhood improvement program the City has been conducting for years. Under this program RJ Behar has completed more than 50 miles of City street improvements.

The scope of this project consisted of roadway reconstruction and some milling and resurfacing of a two-lane road, curb and gutter type F, valley gutter, new sidewalks, on-street parking, exfiltration drainage systems, storm sewers, sodding, signing, pavement markings, and roadway lighting.



Cost/Fees Paid: \$151,469 | Construction Cost: \$1,785,000 | Project Start: 9/11/2014 | Project Complete: 5/11/2015 |  
 Project Length: 0.953 miles (Total)

Key Personnel:

Robert J. Behar, PE – Principal in Charge | Juan H. Vazquez, PE, PH, BCEE– Drainage Engineer | Marin Scattolini, PE – Project Engineer

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
R.J. BEHAR & COMPANY, INC.	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Roadway Design Improvements, Roadway Reconstruction, Milling and Resurfacing, Drainage Design, Signing, Pavement Markings, and Lighting

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION (City and State)

**TRAFFIC DATA COLLECTION  
OKEECHOBEE ROAD / NW 103<sup>rd</sup> STREET / HIALEAH GARDENS BOULEVARD, MIAMI-DADE COUNTY, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2015

CONSTRUCTION (If applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Florida Department of Transportation,  
District 6  
1000 NW 111<sup>th</sup> Ave., Miami, Florida 33172

b. POINT OF CONTACT NAME

Ms. Ivette Funtanellas

c. POINT OF CONTACT TELEPHONE NUMBER

Tel: (305) 470-5311

Fax: (305) 470-5815

E-mail: [ivette.funtanellas@dot.state.fl.us](mailto:ivette.funtanellas@dot.state.fl.us)

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

As part of a Traffic Operations/Safety Studies contract, R.J. Behar & Company, Inc. (RJ Behar) provided data collection services to the Florida Department of Transportation, District 6. The purpose of this task work order was to collect traffic related data along portions of SR- 25/Okeechobee Road, SR-932/NW 103<sup>rd</sup> Street and Hialeah Gardens Boulevard to be used in signal retiming tasks for Miami-Dade County. The figure below depicts the location of the traffic counts followed by the detailed locations. The data information was collected as follows:

**Task 1 – 72-hour Traffic Counts** – Bidirectional machine counts summarized by hourly intervals were collected during January 13<sup>th</sup> through January 15<sup>th</sup>, 2015 (Tuesday, Wednesday & Thursday) for a total of 9 locations.

**Task 2 – Turning Movement Counts (TMCs)** – Intersection turning movement counts were collected as indicated below for a total of 31 intersections:

- SR 25-Okeechobee Road 15 signalized intersections during AM peak.
- I-75/NW 138<sup>th</sup> Street/Hialeah Gardens Blvd. Interchange. 4 signalized intersections during AM & PM.

- SR 932-NW 103<sup>rd</sup> St/W 49<sup>th</sup> St. 12 signalized intersections during AM.

**AM Peak:** highest 2.5 hours between 6:00 and 10:00 AM.

**PM Peak:** highest 2.0 hours between 4:30 and 7:30 PM.

Specific times of the traffic counts were determined from the vehicular volume data obtained from the machine traffic counters.

**Task 3 – Travel Time and Delay Data** – Travel Time and Delay data were obtained in accordance with FDOT's Manual on Uniform Traffic Studies (MUTS) with special emphasis on signal locations for control points, minimum 6 runs in each direction during AM and PM periods (2.5 hrs AM & 2.0 hrs PM, coinciding with TMCs hours). The following were the designated routes for travel time:

- SR-25/Okeechobee Road from NW 154<sup>th</sup> St. to approximately 400 feet south of NW 95<sup>th</sup> Street – **AM period.** (5.8 miles)
- SR-932/NW 103<sup>rd</sup> St/W 49<sup>th</sup> St. from Okeechobee Rd. to W 14<sup>th</sup> Lane – **AM period.** (1.9 miles)

- Hialeah Gardens Blvd. from I-75/NW 138<sup>th</sup> St. Interchange to NW 100<sup>th</sup> Road – **AM & PM periods.** (1.9 miles)

Cost/Fees Paid: \$29,894.42 / Const. Cost: N/A / Project Started: 01/02/2015 / Project Completed: 05/15/2015 / FM#: 414052-2-32-01

Key Personnel:

Robert J. Behar, PE – Principal in Charge | Rafael De Arazoza, PE, PTOE, CPM – Project Manager | Alexander Socarras, PE – Traffic Engineer | Kira Leon, EI – Data Collection | Yaharris Flores – Data Collection

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. R.J. BEHAR & COMPANY, INC.	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Traffic Engineering Services.

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION (City and State)

SW 25TH STREET FROM SR 7 TO SW 40TH AVENUE  
TRAFFIC CALMING STUDY, CITY OF WEST PARK, FLORIDA

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
11/30/2016

CONSTRUCTION (If applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of West Park  
Public Works Department.  
1965 South State Road 7  
West Park, Florida 33023

b. POINT OF CONTACT NAME

Mr. Dan Millien  
Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

Tel: (954) 964-0284  
Fax: (954) 964-0276  
E-mail: dmillien@cityofwestpark.org

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The City of West Park retained R.J. Behar & Company, Inc. (RJ Behar) to implement conceptual layouts and renderings for Traffic Calming improvements along SW 25<sup>th</sup> Street from SR 7 to SW 40<sup>th</sup> Avenue in the City of West Park. The project will incorporate complete streets, by including pedestrian and bicycle amenities. RJ Behar's scope included review of Traffic Calming Study, conducting site visits, preparing conceptual plans, preparing layout and renderings, coordination meetings, and presentations to the City Commission. The project intent is to:

- ❖ Address Broward County Complete Streets Concepts
- ❖ Enhance the quality of life for residents
- ❖ Install traffic calming devices along SW 25<sup>th</sup> Street
- ❖ Raised Intersections and speed tables
- ❖ Roadway Milling and Resurfacing
- ❖ New signing and pavement markings

Project Started: 4/22/2016 / Project Completed: 11/30/2016 / Cost/Fees Paid: \$20,000



Key Personnel:

Robert J. Behar, PE – Principal in Charge | Javier Rodriguez, PE - Project Manager | Marlin Scattolini, PE - Project Engineer | Hernando Segura – CAD Designer

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a.	R.J. BEHAR & COMPANY, INC.	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Traffic Calming Improvements
b.	(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (City and State)

**SR-5 /US-1/BISCAYNE BOULEVARD RESURFACING FROM NE 199<sup>th</sup> STREET TO NW 213<sup>rd</sup> STREET – FDOT D6**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**ONGOING**

CONSTRUCTION (If applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Florida Department of Transportation, District 6  
1000 NW 111<sup>th</sup> Street, Miami, FL 33172

b. POINT OF CONTACT NAME

Ms. Elsa Riverol, PE  
Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

Tel: (305) 470-5105  
E-mail: [elsa.riverol@dot.state.fl.us](mailto:elsa.riverol@dot.state.fl.us)

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The portion of SR5/US-1/Biscayne Boulevard under this Resurfacing, Restoration, and Rehabilitation (RRR) project is a north-south urban principal arterial located in the City of Aventura within Miami-Dade County, Florida. The limits of the project extend from north of NE 196<sup>th</sup> Street to NE 213<sup>th</sup> Street for a length of 1.200 miles.

There are five urban typical sections within the project; however, two of which amount for the majority of the project. The first typical section from NE 196<sup>th</sup> Street to NE 207<sup>th</sup> Street is a seven-lane divided roadway with 3 lanes southbound and 4 lanes northbound, bike lanes, curb and gutter and intermittent shoulder and sidewalk on both sides of the road. The second typical section from NE 207<sup>th</sup> Street to NE 209<sup>th</sup> Street is a six-lane divided roadway with 3 lanes in each direction, bike lanes, curb & gutter and sidewalk on both sides of the road. The design and posted speed in these sections is 45 mph.

The scope of work includes milling and resurfacing, pavement widening, median reconstruction, upgrading pedestrian facilities to comply with ADA requirements, signing and pavement markings, bike lane designations, and provide signalization and operational improvements at the intersections of Biscayne Boulevard/NE 199<sup>th</sup> Street, Biscayne Boulevard/NE 203<sup>rd</sup> Street, Biscayne Boulevard/NE 205<sup>th</sup> Street, and Biscayne Boulevard/NE 209<sup>th</sup> Street, and Biscayne Boulevard/NE 213<sup>rd</sup> Street.



*Cost/Fees Paid: \$228,638 / Construction Cost: \$789,805.00 / Project Length: 1.200 miles / Project Started: 06/20/2013 / Project Completed: Ongoing (Estimate completion date: 07/2015) / FM#: 414624-3-32-01*

Key Personnel:

Robert J. Behar, PE – Principal in Charge | Javier Rodriguez, PE – Project Manager | Yulet Miguel, PE – Project Engineer | Andrea Virgin, PE, LEED AP – Project Engineer | Nanette Akyaz – Roadway Designer | Marlin Scattolini – Project Designer | Hernando Segura – CAD Designer | Mariana Urdaneta – Technician

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME

**R.J. BEHAR & COMPANY, INC.**

(2) FIRM LOCATION

6861 SW 196<sup>th</sup> Avenue, Suite 302  
Pembroke Pines, FL 33332

(3) ROLE

Milling and resurfacing, pavement widening, median reconstruction, upgrading pedestrian facilities to comply with ADA requirements, signing and pavement markings, bike lane designations, and signalization.

a.

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION (City and State)

**DAVIE ROAD PHASE II - LOCAL AGENCY PROGRAM (LAP) CONSTRUCTION ENGINEERING AND INSPECTION (CEI) SERVICES, TOWN OF DAVIE, FLORIDA**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**ONGOING**

CONSTRUCTION (If applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Town of Davie  
6591 Orange Drive,  
Davie, Florida 33314

b. POINT OF CONTACT NAME

Ms. Laura A. Borgesi, PE, PSM  
Town Engineer

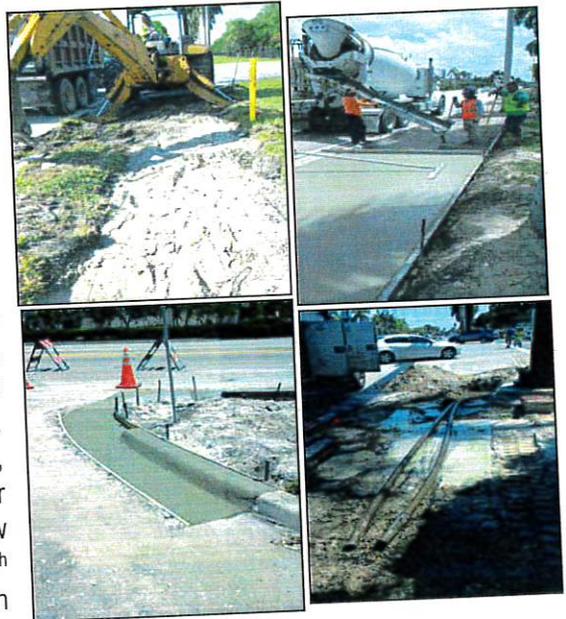
c. POINT OF CONTACT TELEPHONE NUMBER

Tel: (954) 797-1082  
Fax: (954) 797-1142  
E-mail: lborgesi@davie-fl.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The limits of the project are from SW 39<sup>th</sup> Street to Nova Drive, with a project length of approximately 0.89 miles, and a posted speed of 40 mph along the entire Davie Road project corridor. The project corridor is within the South Florida Educational Center (SFEC), and consists of a conglomerate of educational institutions, including Broward College, Nova Southeastern University, Florida Atlantic University, University of Florida, and McFatter Technical Center.

The scope of the project includes the construction of a new landscape median dividing the northbound and southbound traffic movements, demolition work consisting of concrete and pavement removal as indicated in the plans, curb and paver removal; the addition of 4 ft. bicycle lanes on both sides of Davie Road, milling and resurfacing, overbuild, widening the existing sidewalks from 5 ft. to 8 ft., minor drainage modifications and connections, new roadway lighting, a new bus shelter, signalization upgrades at SW 39<sup>th</sup> Street and SW 37<sup>th</sup> Street, which includes new mast arms, video detection, pedestrian detectors, school zone flashers, overhead mounted sign panels, and internally illuminated guide signs, roadway signing, and pavement markings.



*Project Started: 2/22/2017 / Project Completed: Ongoing / Cost/Fees Paid: \$297,438.25 / Construction Cost: \$2,433,873.04*

Key Personnel:

Robert J. Behar, PE - Principal in Charge | David Romano, PE- Project Manager/Senior Project Engineer | Stacy Sookdew-Sing - Project Administrator/Contract Support & Resident Compliance Specialist | Logan Fasanella Inspector

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a.	<b>R.J. BEHAR &amp; COMPANY, INC.</b>	6861 SW 196 <sup>th</sup> Avenue, Suite 302 Pembroke Pines, FL 33332	Construction Engineering and Inspection Services
b.	(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Examples Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Rafael De Arazoza, PE, PTOE, CPM	Project Manager	X	X	X	X	X		X	X	X	
Robert J. Behar, PE	Principal In Charge	X	X	X	X	X	X	X	X	X	X
Juan H. Vazquez, PE, PH, BCEE	Vice-President/Stormwater/ Drainage Design	X	X		X	X	X		X	X	X
Carlos Mazorra, PE	Roadway Design/Traffic Signal/Plans Review/ Timing & Design	X	X		X	X				X	
Sean O'keefe, PE	Roadway Design/Traffic Engineer & Transportation Planning	X	X	X	X	X	X	X	X	X	
David G. Romano, PE	Construction Management/Construction Engineering & Inspection					X					X
Hans Murzi, PE	Stormwater/ Drainage Design	X				X	X			X	
Marlin Scattolini, PE	Roadway Design/Civil Site Planning/Traffic Signal/ Timing & Design	X			X	X	X	X	X	X	
Paola Riveros, PE	Stormwater/ Drainage Design	X			X	X	X			X	
Jasmani Riveron, PE	Roadway Design	X								X	
Javier Bejarano, PE	Construction Management/Construction Engineering & Inspection					X					X
Elmer Cardenas, PE	Stormwater/ Drainage Design	X				X	X	X		X	
Kira Leon, EI	Stormwater/ Drainage Design/Civil Site Planning/Traffic Studies/ Data Collection	X	X	X	X	X	X	X	X	X	

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	NW 87 <sup>th</sup> Avenue from NW 74 <sup>th</sup> Street to NW 103 <sup>rd</sup> Street Miami-Dade County, FL	6	SE 1 <sup>st</sup> Street, SE 1 <sup>st</sup> Place, SE 2 <sup>nd</sup> Place and SE 3 <sup>rd</sup> Place, Hialeah, FL
2	NW 52 <sup>nd</sup> Street from NW 107 <sup>th</sup> Avenue and NW 97 <sup>th</sup> Avenue Traffic Calming Study, City of Doral, FL	7	Traffic Data Collection, Okeechobee Road / NW 103 <sup>rd</sup> Street / Hialeah Gardens Boulevard, Miami-Dade County, FL
3	Traffic Engineering/Transportation Planning Services, City of Doral, FL	8	SW 25 <sup>th</sup> Street from SR 7 to SW 40 <sup>th</sup> Avenue Traffic Calming Study, City of West Park, Florida
4	Roundabout and Speed Tables at NW 34 <sup>th</sup> Avenue and NW 5 <sup>th</sup> Street, City of Lauderhill, FL	9	SR-5 /US-1/Biscayne Boulevard Resurfacing from NE 199 <sup>th</sup> Street to NW 213 <sup>rd</sup> Street - FDOT D6
5	SW 207 <sup>th</sup> Terrace/SW 54 <sup>th</sup> Place, City of Pembroke Pines, FL	10	Davie Road Phase II Local Agency Program (LAP), Town of Davie, FL

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Examples Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Michelle Leon, EI	Construction Engineering & Inspection/Civil Site Planning	X	X	X	X	X	X	X	X		X
Joseph Edwards, EI	Stormwater/ Drainage Design	X					X				
Sugeily Patxot	Stormwater/ Drainage Design	X				X	X			X	X
Hernando Segura	Civil Site Planning	X				X	X			X	
Nanette Akyaz	Roadway Design	X				X	X			X	
Richard Bolt	Civil Site Planning/ Permitting/Construction Management	X				X	X			X	X
Renato Alva	Traffic Signal/Timing & Design/Traffic Studies/Data Collection		X	X	X			X	X		
Stacy Sookdew-Sing	Construction Engineering & Inspection	X				X					
Dalton Polanco, EI	Construction Engineering & Inspection	X				X					
Humberto Soteras	Construction Engineering & Inspection	X				X					
Michael Owensby	Construction Engineering & Inspection	X				X					
Logan Fasanella	Construction Engineering & Inspection/Data Collector	X				X					
Yaharris Flores	Traffic Studies/Data Collector	X	X	X				X	X	X	X

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	NW 87 <sup>th</sup> Avenue from NW 74 <sup>th</sup> Street to NW 103 <sup>rd</sup> Street Miami-Dade County, FL	6	SE 1 <sup>st</sup> Street, SE 1 <sup>st</sup> Place, SE 2 <sup>nd</sup> Place and SE 3 <sup>rd</sup> Place, Hialeah, FL
2	NW 52 <sup>nd</sup> Street (NW 107 <sup>th</sup> Avenue and NW 97 <sup>th</sup> Avenue) Traffic Calming Study, City of Doral, FL	7	Traffic Data Collection, Okeechobee Road / NW 103 <sup>rd</sup> Street / Hialeah Gardens Boulevard, Miami-Dade County, FL
3	Traffic Engineering/Transportation Planning Services, City of Doral, FL	8	SW 25 <sup>th</sup> Street from SR 7 to SW 40 <sup>th</sup> Avenue Traffic Calming Study, City of West Park, Florida
4	Roundabout and Speed Tables at NW 34 <sup>th</sup> Avenue and NW 5 <sup>th</sup> Street, City of Lauderhill, FL	9	SR-5 /US-1/Biscayne Boulevard Resurfacing from NE 199 <sup>th</sup> Street to NW 213 <sup>rd</sup> Street - FDOT D6
5	SW 207 <sup>th</sup> Terrace/SW 54 <sup>th</sup> Place, City of Pembroke Pines, FL	10	Davie Road Phase II - Local Agency Program (LAP), Construction Engineering and Inspection Services, Town of Davie, FL

## H. ADDITIONAL INFORMATION

### SUPPLEMENTAL INFORMATION TO STANDARD FORM 330 Specialized Experience and Technical Competence



**R.J. Behar & Company, Inc.**  
Engineers • Planners

R. J. Behar & Company, Inc. (RJ Behar) is uniquely qualified to perform the services required under this Request for Qualifications (RFQ CRA 17-020) because we specialize in the disciplines of engineering, planning, and construction inspection/management to public sector clients. We incorporate, in-house, all of the major disciplines required to serve the **City of Hollywood**. RJ Behar has the capability to provide plans in AutoCAD and in Microstation systems. We have prepared structure and facility inspection reports, feasibility studies, environmental studies, cost estimating services, and have extensive plans, and specifications preparation experience. We have also provided deliverables in Geographic Information System (GIS) format.

#### QUALITY MANAGEMENT PLAN

Our internal Quality Assurance Program is integrated in all of our services. The program is monitored by our President, who is responsible for maintaining the highest degree of quality in all of the services provided by RJ Behar. An independent reviewer reviews all of our professional services. This process has proven to provide the highest level of quality and cost effective product for our client. RJ Behar monitors progress on its project on a weekly basis; we monitor the schedule, manpower requirements, major issues requiring immediate resolution and the project's budget. We utilize custom-made spreadsheets as well as Microsoft Projects software for project scheduling.

#### SERVICES

RJ Behar has developed expertise in the following areas: *Civil Engineering, Water and Sewer Design, Roadway Design, Traffic Studies and Traffic Engineering, Transportation Planning Engineering, Construction Engineering Inspections, Highway Engineering, Water Resources and Stormwater Master Planning, and Environmental Engineering, Development of Design/Build Criteria Packages, Development of digital maps using Cad software such as AutoCAD and Microstation, and Public Involvement Programs.*

RJ Behar is fully committed to providing the **City of Hollywood** with the highest possible quality services to meet and exceed the City's requirements and needs. We pledge to provide personalized services and look forward to the possibility of continue working for the City on the upcoming Traffic Engineering Services.

Thank you for the opportunity to present our proposed team for your consideration.

<b>I. AUTHORIZED REPRESENTATIVE</b> The foregoing is a statement of facts.	
31. SIGNATURE 	32. DATE September 18, 2017
33. NAME AND TITLE ROBERT J. BEHAR, PE – PRESIDENT/C.E.O.	

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# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)  
**RFQ No. CRA 17-020**

## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME <b>R.J. BEHAR &amp; COMPANY, INC.</b>			3. YEAR ESTABLISHED <b>1999</b>	4. DUNS NUMBER <b>115682549</b>
2b. STREET <b>6861 SW 196<sup>th</sup> Avenue, Suite 302</b>			5. OWNERSHIP	
2c. CITY <b>Pembroke Pines</b>			2d. STATE <b>FL</b>	2e. ZIP CODE <b>33332</b>
6a. POINT OF CONTACT NAME AND TITLE <b>Rafael De Arazoza, PE, PTOE, CPM - Project Manager</b>			a. TYPE <b>CORPORATION</b>	
6b. TELEPHONE NUMBER <b>(954) 680-7771</b>		6c. E-MAIL ADDRESS <b>rdearazozai@rjbehar.com</b>		
8a. FORMER FIRM NAME(S) (If any) <b>Not applicable</b>			b. SMALL BUSINESS STATUS <b>SMALL DISADVANTAGED BUSINESS</b>	
			7. NAME OF FIRM (If block 2a is a branch office)	
			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	5		B02	Bridges	2
08	CADD Technician	2		C15	Construction Management	2
12	Civil Engineer	3	1	C18	Cost Estimating	1
16	Construction Manager	2		D04	Design-Build (Preparation for RFP	1
15	Construction Inspector	8	1	E09	Environmental Impact Studies	1
23	Environmental Engineer			E13	Environmental Testing and Analysis	1
34	Hydrologist	1		H07	Highways; Streets; Airfield Paving; Parking Lots	6
57	Structural Engineer	1	1	P06	Planning (Site, Installation, Projects)	1
60	Transportation Engineer	3		R03	Railroad; Rapid Transit	1
62	Water Resources Engineer	7		R04	Recreation Facilities (Parks, Marinas)	2
21	Electric Engineer			S07	Solid Wastes; Incineration; Landfill	1
42	Mechanical Engineer			S09	Structural Design; Special Structures	1
47	Planner: Urban/Regional			S 13	Stormwater Handling & Facilities	3
18	Cost Estimating			T03	Traffic & Transportation Engineering	2
14	Computer Technician	1		W02	Water Resources; Hydrology; GWater	2
		33	3			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	1	1. Less Than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	7	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	7	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

a. SIGNATURE	b. DATE: September 18, 2017
c. NAME AND TITLE <b>Robert J. Behar, PE - President</b>	

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 PART II - PAGE 6

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Manuel G. Vera, Jr., PSM</b>	13. ROLE IN THIS CONTRACT <b>Senior Surveyor and Mapper</b>	14. YEARS EXPERIENCE	
		a. TOTAL 34	b. WITH CURRENT FIRM 34
15. FIRM NAME AND LOCATION (City and State) <b>Manuel G. Vera &amp; Associates, Inc. Miami, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science, Legal Studies, Nova Southeastern University, 1994 Associates of Science, Land Surveying, Miami Dade College, 1988</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Professional Surveyor &amp; Mapper, Florida, PSM #LS5291 (1994)</b>	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Mr. Vera Jr., a registered Land Surveyor has over 34 years of experience with the company and throughout the state of Florida. He has managed a variety of survey contracts and projects for the Florida Department of Transportation, Miami-Dade County, Miami-Dade Expressway Authority, City of Miami, and numerous Engineering and Design firms. Mr. Vera has performed and managed all types of surveying services including: Design Surveys, Right-of-Way Control Surveys, Right-of-Way Mapping, Platting, Construction Layout, As-built Surveys, Drainage Surveys, etc. Mr. Vera is a Senior Surveyor and Mapper as well as our Senior Project Manager. He has extensive experience in the management and coordination of survey projects involving a variety of surveying techniques such as Aerial Surveys, Conventional Ground Surveying, Utilities designation, etc. Professional Affiliation: Florida Surveying & Mapping Society

**19. RELEVANT PROJECTS**

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>D/W Right of Way Mapping Production Support</b> FDOT District 4 ( Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Task driven contract performing miscellaneous survey tasks in Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, and all municipalities within the district. Recent tasks have included all aspects of Preliminary Engineering including establishing horizontal (NAD 83/90) and vertical control (NAVD 88) networks using GPS and conventional methods, establishing historical survey baseline and right of way, Topographic Surveys, Bridge Surveys, Drainage Surveys, Boundary and Right of Way Surveys, parcel sketches and legal descriptions for acquisitions parcels, construction easements, aerial easements, etc. including titles searches and reports. Contract Amount \$1.5 Million		
<b>D/W Continuing Services for Survey, Mapping, and SUE</b> FDOT District 4 ( Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Task driven contract performing miscellaneous survey tasks in Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, and all municipalities within the district. Design Survey services for this contract include, but are not limited to: Mobile Lidar, Field Surveys, Maintenance of Traffic (MOT), Historical Baseline and Existing Right of Way Determination, Global Positioning System (GPS) Surveys, Monumentation Surveys, Bathymetric surveys (which includes single beam, multi beam and side scanner sonar capabilities), Utility Designation and Excavation (including Underwater Utilities), Tree Surveys (trees identified by an Arborist or Landscape Architect), Right of Way Control Survey Maps, Right of Way Maps, Maintenance Maps, Right of Way Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Expert Witness Testimony, Title Search Plotting Maps, Title Document Review and Analysis, Sketched, Parcel Staking, and Legal Descriptions. Contract Amount \$5 Million		
<b>SR 821 (HEFT) Widening from SE 288 St (Biscayne Dr.) to SE 216 St (Hainlin Mill Rd.)</b> FDOT Turnpike Enterprise (Miami and Homestead, Florida)	2017	N/A
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Surveyor. This project widens the Turnpike/SR 821 from SW 288th Street/Biscayne Drive to SW 216th Street from four to six travel lanes. One travel lane in each direction within the existing grassed median of the Turnpike/SR 821 will be constructed. These new inside lanes will serve as express lanes to enhance regional connectivity. MGIV is responsible for preparing a complete Design survey, which included recovering the monuments that have been destroyed, and re-set and add to the existing PNC sheets for horizontal (NAD 83/90) and vertical control (NAVD 88) networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, Drainage Survey, 4 Bridge Surveys, and geotechnical support. Survey Cost: \$200,000		
<b>Cross Town Parkway Segment 1 from Manth Lane to US1</b> City of Port St. Lucie (St. Lucie County, Florida)	2017	N/A
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Surveyor. MGIV prepared a complete Design survey which includes the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, perform cross sections, aerial targets, subdivision location (up to 100, as required), and geotechnical support. Cost \$183,080		
<b>SR-5 / US-1 / Biscayne Blvd. from NE 196th street to NE 213th St.</b> City of Port St. Lucie (St. Lucie County, Florida)	2013	N/A
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Surveyor. MGIV's topographic and DTM survey included: the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, alignment (project survey baseline), cross sections, drainage survey, sectional/grant survey, subdivision locations, work zone safety, and misc. survey. Cost: \$148,456.40		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Mark R. Sowers, PSM</b>	13. ROLE IN THIS CONTRACT <b>SUE Director</b>	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) <b>Manuel G. Vera &amp; Associates, Inc. Jupiter, FL</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Professional Surveyor &amp; Mapper, Florida, PSM #LS5266 (1993)</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science, Land Surveying, University of Florida, 1988</b>			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Mr. Sowers is a Professional Surveyor & Mapper with 30 years of experience throughout the state of Florida. His responsibilities include managing field operations and establishing standards for consultants as well as final quality assurance / quality control of all deliverables before client submission. He is proficient in the latest industry technology, as well as developing and implementing successful management strategies. Mr. Sowers worked for the Florida Department of Transportation (FDOT), District IV for eight years, four of them as District Surveyor. During his FDOT tenure, Mr. Sowers actively participated in statewide process improvements. He was a chairperson for FDOT's Survey Technical Advisory Committee and a member of the committees responsible for the development and implementation of the staff-hour estimating form and project network control sheet. Professional Affiliation: Florida Surveying & Mapping Society

**19. RELEVANT PROJECTS**

	1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a	<b>D/W Right of Way Mapping Production Support</b> FDOT District 4 (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SUE Director. Task driven contract performing miscellaneous survey tasks in Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, and all municipalities within the district. Recent tasks have included all aspects of Preliminary Engineering including establishing horizontal (NAD 83/90) and vertical control (NAVD 88) networks using GPS and conventional methods, establishing historical survey baseline and right of way, Topographic Surveys, Bridge Surveys, Drainage Surveys, Boundary and Right of Way Surveys, parcel sketches and legal descriptions for acquisitions parcels, construction easements, aerial easements, etc. including titles searches and reports. Contract Amount \$1.5 Million		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
b	<b>D/W Continuing Services for Survey, Mapping, and SUE</b> FDOT District 4 (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SUE Director. Task driven contract performing miscellaneous survey tasks in Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, and all municipalities within the district. Design Survey services for this contract include, but are not limited to: Mobile Lidar, Field Surveys, Maintenance of Traffic (MOT), Historical Baseline and Existing Right of Way Determination, Global Positioning System (GPS) Surveys, Monumentation Surveys, Bathymetric surveys (which includes single beam, multi beam and side scanner sonar capabilities), Utility Designation and Excavation (including Underwater Utilities), Tree Surveys (trees identified by an Arborist or Landscape Architect), Right of Way Control Survey Maps, Right of Way Maps, Maintenance Maps, Right of Way Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Expert Witness Testimony, Title Search Plotting Maps, Title Document Review and Analysis, Sketched, Parcel Staking, and Legal Descriptions. Contract Amount \$5 Million		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
c	<b>PD&amp;E Study for Widening Sawgrass from S. of US 441 to W. of Powerline Rd</b> Florida's Turnpike Enterprise (Broward County, Florida)	On-Going	N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SUE Director. MGV is responsible for preparing a complete Design survey, which includes the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, the creation of Topographic surveys and Digital Terrain Model, as well as provide subsurface utility engineering services (SUE). Cost: \$581,822		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
d	<b>Design Services for SR 817 (University Drive) from Hallandale Beach Boulevard to SR 834/Sample Road</b> Gannett Fleming, Inc. (Broward County, Florida)	2017	N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SUE Director. MGV completed a topographic, drainage, DTM survey within the existing right of way. All above ground features and improvements, break-lines, high and low points were located with sufficient density of points in order to create a DTM as well as a topographic base file, which included, but was not limited to: existing lighting, edge of pavement, trees, visible above ground utilities, sodded and paved areas, drainage structures (including rim/gutter elevations), etc. Cost: \$352,694.49		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
e	<b>Cross Town Parkway Segment 1 from Manth Lane to US1</b> City of Port St. Lucie (St. Lucie County, Florida)	2016	N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SUE Director. MGV prepared a complete Design survey which includes the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, perform cross sections, aerial targets, subdivision location (up to 100, as required), and geotechnical support. Cost \$183,080		
	<input checked="" type="checkbox"/> Check if project performed with current firm		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
 (Present as many projects as requested by the agency, or 10 projects, if not specified.  
 Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
 1

21. TITLE AND LOCATION (City and State)  
**D/W Right of Way Mapping Production Support**  
 (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)

22. YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
On-Going	N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER FDOT, District Four	b. POINT OF CONTACT Paul Doll, PE	c. POINT OF CONTACT TELEPHONE NUMBER (954) 777-4579
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Contract Amount: \$1.5 Million  
 Project Length: task driven

FDOT District Four  
 Contract: C-9D58

Project Description: Task driven contract performing miscellaneous survey tasks in Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, and all municipalities within the district. Recent tasks have included all aspects of Preliminary Engineering including establishing horizontal (NAD 83/90) and vertical control (NAVD 88) networks using GPS and conventional methods, establishing historical survey baseline and right of way, Topographic Surveys, Bridge Surveys, Drainage Surveys, Boundary and Right of Way Surveys, parcel sketches and legal descriptions for acquisitions parcels, construction easements, aerial easements, etc. including titles searches and reports. Task Work Orders under this contract include:

- TWO#1 SR A1A North @ Sheridan
- TWO#2 SR 842 / Broward Boulevard
- TWO#3 SR 869 (SW 10<sup>th</sup> Street)
- TWO#4 SR 848 / Stirling Road
- TWO#5 SR 7 Sample to Hillsboro
- TWO#6 Stake CSX RR Right of Way
- TWO#7 Test Holes
- TWO#8 SR 84 & 136<sup>th</sup> Avenue
- TWO#9 SR A1A from Iris – Michigan
- TWO#10 SR 5 @ SR 810
- TWO#11 SR 845 @ NW 38<sup>th</sup> Street
- TWO#12 SR842
- TWO#13 SR 806
- TWO#14 CSX Drainage
- TWO#16 SR 842 / Broward Boulevard
- TWO#17 SR 84 @ Flamingo Road
- TWO#18 Flamingo Road
- TWO#19 Broward Boulevard
- TWO#20 SR 7
- TWO#21 Parcel 104
- TWO#22 I-75 Areas
- TWO#23 I-95 (10<sup>th</sup> Street)
- TWO#24 SR A1A Drainage
- TWO#25 SR 824 @ Oleander
- TWO#26 SR80 SUE
- TWO#27 SR 842 / Broward Boulevard
- TWO#28 SR 7
- TWO#29 SW 10<sup>th</sup> Street
- TWO#30 SR 824 / Pembroke Road
- TWO#31 Boundary @ MIC
- TWO#32 West Side of District Test Holes
- TWO#33 Broward Boulevard
- TWO#35 SR 7 Designates
- TWO#36 US-1 Fisher Street
- TWO#37 SR A1A
- TWO#39 SR A1A / Dania
- TWO#40 SR A1A / Dania Beach
- TWO#41 SR 869 / SW 10<sup>th</sup> street
- TWO#42 Intersection of Pine Ave
- TWO#43 SR 804 Test Holes
- TWO#45 Parcel 107
- TWO#46 Parcel 104
- TWO#47 SR 25
- TWO#48 Pond Apple & Sheridan Street
- TWO#49 SR 804
- TWO#50 I-95 PH
- TWO#51 SR 842
- TWO#52 SR 824
- TWO#53 Las Olas Boulevard
- TWO#54 SW 40<sup>th</sup> Street
- TWO#55 SR 716
- TWO#56 SR 715
- TWO#58 SR 7 PNC
- TWO#59 Linton Boulevard
- TWO#60 Northwood Connector
- TWO#61 SR 828

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Manuel G. Vera & Associates, Inc.	Miami, Florida	Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
 (Present as many projects as requested by the agency, or 10 projects, if not specified.  
 Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
 2

21. TITLE AND LOCATION (City and State) <b>D/W Continuing Services for Survey, Mapping, and SUE</b> (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER FDOT, District Four	b. POINT OF CONTACT Paul Doll, PE	c. POINT OF CONTACT TELEPHONE NUMBER (954) 777-4579
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Contract Amount: \$5 Million  
 Project Length: task driven

FDOT District Four  
 Contract: C-9T24

Project Description: Task driven contract performing miscellaneous survey tasks in Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, and all municipalities within the district. Surveying and mapping services for this contract include, but are not limited to: Mobile Lidar, Field Surveys, Maintenance of Traffic (MOT), Historical Baseline and Existing Right of Way Determination, Global Positioning System (GPS) Surveys, Monumentation Surveys, Bathymetric surveys (which includes single beam, multi beam and side scanner sonar capabilities), Utility Designation and Excavation (including Underwater Utilities), Tree Surveys (trees identified by an Arborist or Landscape Architect), Right of Way Control Survey Maps, Right of Way Maps, Maintenance Maps, Right of Way Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Expert Witness Testimony, Title Search Plotting Maps, Title Document Review and Analysis, Sketched, Parcel Staking, Legal Descriptions and Documents of Conveyance. Task Work Orders under this contract include:

- TWO#1 NE 10<sup>th</sup> Street
- TWO#2 NE 4<sup>th</sup> Street
- TWO#3 SR 7 & SR 816
- TWO#7 Johnson Street
- TWO#9 Northwood Connector
- TWO#10 SR 848
- TWO#11 IRC Ditch 7 & 8
- TWO#12 Wave Parcel Staking
- TWO#13 Atlantic Ave & Congress
- TWO#14 Dania Beach
- TWO#16 SR 5 at Taylor Creek
- TWO#19 Haverhill Road
- TWO#20 Parcel 107
- TWO#23 Fountains Motel
- TWO#28 SR 80 / Southern Boulevard

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Manuel G. Vera & Associates, Inc.	(2) FIRM LOCATION (City and State) Miami, Florida	(3) ROLE Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
3

21. TITLE AND LOCATION (City and State) SR-5 / US-1 / Biscayne Blvd. from NE 196 <sup>th</sup> street to NE 213 <sup>th</sup> St. (Miami-Dade and Broward Counties, Florida)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER R.J. Behar & Company, Inc.	b. POINT OF CONTACT Javier Rodriguez	c. POINT OF CONTACT TELEPHONE NUMBER (954) 680-7771
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)  
  
Agency: FDOT District Six  
Survey Cost: \$148,456.40  
Project Length: 0.53 miles

Project Description: The purpose of the survey was to perform a full design TOPO / DTM survey, as per FDOT standards, along SR 5 from NE 196 St (Miami Dade County) to SE 9 St (Broward County). MGVS's topographic and DTM survey included: the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, alignment (project survey baseline), cross sections, drainage survey, sectional/grant survey, subdivision locations, work zone safety, and miscellaneous survey.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Manuel G. Vera & Associates, Inc.	Miami, Florida	Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
 (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
4

21. TITLE AND LOCATION (City and State)

**FDOT D4, SR 817 / University Drive Bicycle and Sidewalk Improvement Package 1A and 2A**  
(Broward County, Florida)

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
On-Going

CONSTRUCTION (If applicable)  
N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  
Gannett Fleming, Inc.

b. POINT OF CONTACT  
Alina Fernandez, PE

c. POINT OF CONTACT TELEPHONE NUMBER  
(786) 845-9540, Ext. 5814

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Agency: FDOT District Four  
 Survey Cost: \$124,956.56  
 Project Length: 1 mile

Project Description: MGV is responsible for providing a Design Survey consisting of the following deliverables: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, Survey Baseline and Right of Way Lines, preparation of Project Network Control Sheets, creation of Topographic survey and Digital Terrain Model (DTM/3D) in 3D laser scanning, Cross Sections, Drainage Survey (identifying the type of structure, rim elevation, pipe invert elevation, pipe materials, direction, size and condition), Sectional/Grant Survey and Subdivision Locations performing field locations of section corners, 1/4-section corners, and fractional corners, property corners, as well as block closures, plat and subdivisions in order to establish survey baseline and right of way lines. Work zone safety was provided as required by FDOT. Miscellaneous survey tasks include locating vertical clearances over pavement along SR 817 / University Drive of overhead obstructions, to include wires, signaling mast arms, bridges, and signs. Signaling mast arm data includes: length, measured base diameter, location of all signs and signals supported on the mast arm, and vertical clearance under all signs or signals- as well as locate signs and signals supported on wires over pavement, and clearance under all signs or signal heads.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Manuel G. Vera & Associates, Inc.	Miami, Florida	Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
5

21. TITLE AND LOCATION (City and State) <b>Cross Town Parkway Segment 1 from Manth Lane to US1</b> (Port St. Lucie, Florida)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER GAI Consultants, Inc.	b. POINT OF CONTACT Rachel Back, PE, CFM	c. POINT OF CONTACT TELEPHONE NUMBER (904) 256-2444
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Agency: City of Port St. Lucie  
Survey Cost: \$183,080 (Survey Services: \$133,080 / SUE Services: \$50,000)  
Project Length: 2.5 miles

Project Description: MGV prepared a complete Design survey which includes the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, perform cross sections, aerial targets, subdivision location (up to 100, as required), and geotechnical support.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Manuel G. Vera & Associates, Inc.	(2) FIRM LOCATION (City and State) Miami, Florida	(3) ROLE Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Manuel G. Vera & Associates Inc. (MGV) is qualified as DBE, SBE, MBE and CBE. Our main (Corporate) office is located in Miami-Dade County, our Central Florida office is located in Orange County, and we also have an office in Jupiter, Florida. MGV was established in Miami-Dade County in 1977. Since then, survey and mapping is what we have specialized in and is all we do. In over our 40 years of existence, there has not been a survey task, terrain, or problem we have not seen. MGV is a unique firm, in that it has the capability and technology of our competitors, but our principles are patterned by a family business with a service oriented and sound quality control ideology. This ideology is the foundation for our firm, and the reason MGV is revered as one of the premier survey firms in South Florida. It is one of the main reasons we have maintained an excellent rating from past and present contracts. MGV will always perform our projects to our client's specifications, by meeting and exceeding standards and expectations. This is why we support, as Sub Consultants, hundreds of Engineering and Construction firms throughout the State of Florida. In addition to our Florida Department of Transportation experience with District 4 (Broward, Palm Beach, Martin, St. Lucie and Indian River Counties), District 6 (Miami-Dade and Monroe County), and Florida's Turnpike Enterprise, our firm has been, and is currently, providing Miscellaneous Survey and Right of Way Mapping Services to a number of Cities, Counties, and Municipalities throughout South Florida, as well as State and Federal Agencies such as: South Florida Water Management District, South Florida Rail Transit Agency, All Aboard Florida, FEMA, Miami-Dade Expressway Authority, Miami-Dade Transit, Miami-Dade County, Palm Beach County, Monroe County, City of Miami, City of Doral, City of Miami Gardens, City of Port St. Lucie, City of Key West, and countless of private engineering clients providing survey support for miscellaneous engineering design and design-build projects.

MGV is dedicated and committed to providing excellent service and complete client satisfaction. MGV has a highly-trained staff of professional surveyors and associates with extensive experience in a wide range of surveying and mapping services. Our staff is the foundation of our firm. We employ a staff of over 50 skilled survey personnel. Among these, 8 employees are registered PSM's (which combined, have over two centuries of survey experience), 5 Survey Technicians, and 9 fully staffed and equipped survey crews, in which 3 are SUE capable. MGV's key personnel range from 10 years, to over 30 years of experience in surveying- more importantly, with our firm.

MGV has the ability to perform all survey tasks using either traditional methodologies such as EFB data collection, Electronic Total Stations/levels, hydrographic [sonar/GPS], GPS/RTK, and the latest in 3D Lidar Static Scanning. Recent advances in scanning technologies have opened the door to the future in 3D surveying. MGV was one of the pioneers in the use of 3D laser scanning technology, having purchased our first Scanner in 2004. All our office support staff are well versed and trained in Caice, Microstation & Geopak, AutoCAD Civil 3D, FDOT Hector and EFBP, Pedds, Electronic Signatures and will continue to parallel the industries software advances.

MGV has 3 office locations.

Corporate/Miami  
13960 SW 47<sup>th</sup> Street  
Miami, FL 33175

Jupiter  
1562 Park Lane South  
Suite 400  
Jupiter, FL 33458

Orlando  
423 South Keller Road  
Suite 300A  
Orlando, FL 32810

# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)  
CRA 17-020

## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME <b>Manuel G. Vera &amp; Associates, Inc.</b>			YEAR ESTABLISHED <b>1977</b>	DUNS NUMBER <b>032194151</b>
2b. STREET <b>13960 SW 47th Street</b>			5. OWNERSHIP	
2c. CITY <b>Miami</b>			a. TYPE <b>Corporation</b>	
2d. STATE <b>Florida</b>	2e. ZIP CODE <b>33175</b>		b. SMALL BUSINESS STATUS <b>541370</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>Manuel G. Vera, Jr., PSM Executive Vice President</b>			7. NAME OF FIRM (If block 2a. is a branch office)	
6b. TELEPHONE NUMBER <b>(305) 221-6210</b>		6c. E-MAIL ADDRESS <b>mverajr@mgvera.com</b>		
8a. FORMER FIRM NAME(S) (if any)			8b. YR ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	4		L02	Land Surveying	6
08	CADD Technician	4				
38	Land Surveyors	5	3			
58	Technician/Analyst	33				
Other Employees						
Total		46	3			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	0	1. Less than \$100,000	6. \$2 million to less than \$5 million		
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million		
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million		
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million	10. \$50 million or greater		

12. AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

a. SIGNATURE 

b. DATE  
**September 6, 2017**

c. NAME AND TITLE  
**Manuel G. Vera, Jr., PSM Executive Vice President**

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Michael Kroll, RLA, FASLA</b>	13. ROLE IN THIS CONTRACT <b>Quality Control</b>	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 29
15. FIRM NAME AND LOCATION (City and State) <b>Miller Legg, Ft. Lauderdale, FL</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL, Registered Landscape Architect TX, Registered Landscape Architect Fellow American Society of Landscape Architects	
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture, Landscape Architecture Graduate Studies, Urban and Regional Planning			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) During his extensive career, Mr. Kroll, President of Miller Legg, has been actively involved in projects ranging from campus-wide educational facilities to international urban redevelopment projects. Mr. Kroll's diverse professional experience has led to projects that successfully integrate engineering, environmental, planning and landscape architectural services. Under his leadership, Miller Legg develops project solutions that respond to the natural environment, respect the social fabric and create sustainable aesthetic spaces.			

**19. RELEVANT PROJECTS**

		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) TITLE AND LOCATION (City and State) <b>City of Hollywood CRA Planning, Landscape Architecture, Civil &amp; Traffic Engineering Consultant Hollywood, FL</b>		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge/Project Manager: Miller Legg is providing professional planning, landscape architecture, civil and traffic engineering services for a variety of public works projects. Services include: urban planning, landscape architecture, civil and traffic engineering, programming and scheduling, observations, feasibility studies, cost estimates, design services, construction and bid documents, permitting, construction administration, review of work prepared by other professional consultants, engineering analysis, field tests and laboratory tests.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>City of Dania Beach CRA Landscape Architecture &amp; Engineering Dania Beach, FL</b>		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge: Miller Legg was awarded landscape architecture and engineering continuing services contracts by the City of Dania Beach Community Redevelopment Authority (CRA) in 2009. The wide range of possible projects and services anticipated under this include master planning and urban design, roadway, street and Florida Friendly streetscape design, parks and recreational facilities, surveying, parking lot construction, community interaction and facilitation of development projects. The firm has conducted traffic review projects under this contract.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>City of Coconut Creek Copans Road Median Landscape Architecture Plans Coconut Creek, FL</b>	2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge: For this median improvement project along Copans Road between Lyons Road and the Florida Turnpike Overpass, Miller Legg provided landscape, hardscape and irrigation design plans, surveying, permitting, pre-construction and construction observation services to the City.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue Miramar, FL</b>	2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge: City of Miramar's Improvement project was a Local Agency Program (LAP)-funded revitalization project from Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length and included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>City of Pembroke Pines Streetscape Design Guidelines Pembroke Pines, FL</b>	2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge/Project Manager: Miller Legg worked on the City of Pembroke Pines city wide Streetscape Master Plan which also included the creation of context sensitive design guidelines for the roadway corridors throughout the City including accommodations for mobility. This Master Plan looked at both the corridor segment and intersection component. Corridor segment components included: median plantings, 'Side of Road' (along the right-of-way or street edge) plantings, street trees and specialty plantings. Intersection segment components included: Median nose treatments, crosswalks, expanded pedestrian plazas at the corners, specialty items and icons.	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Brian Shore, RLA</b>	13. ROLE IN THIS CONTRACT <b>Senior Landscape Architect</b>	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State) <b>Miller Legg, Ft. Lauderdale, FL</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL, Registered Landscape Architect FL, FDOT Intermediate Maintenance of Traffic	
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Landscape Architecture		18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) As a Senior Landscape Architect, Mr. Shore has significant experience in landscape architectural design and landscape construction services for a variety of public and private projects. Specialties include landscape, hardscape, and irrigation design services for streetscape and roadway projects including the Florida Department of Transportation (FDOT), all aspects of active and passive park design, health-care campuses, and environmental wetland habitat creation. Other experience includes various residential and commercial projects.	

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	PROFESSIONAL SERVICES	(2) YEAR COMPLETED	
		CONSTRUCTION (If Applicable)	
a. (1) <b>Town of Lauderdale By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements Lauderdale By-the-Sea, FL</b>			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Landscape Architect: Under the firm's Continuing Services Contract, Miller Legg will provide design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. in the Town of Lauderdale-By-The-Sea. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.		[X] Check if project performed with current firm	
b. (1) <b>City of Cocoa Beach CRA Minutemen Causeway Cocoa Beach, FL</b>	2015		2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Landscape Architect: Miller Legg provided surveying, landscape architecture and civil engineering design for a Florida Friendly streetscape beautification and stormwater improvement plan for a portion of Minutemen Causeway located within the Community Redevelopment Area (CRA) of the City of Cocoa Beach. The project consisted of significant landscape beautification and geometric modifications to the corridor to promote a pedestrian friendly environment and to stimulate economic development. The survey services provided included design/topographic surveying, GPS, Digital Terrain Map (DTM) and underground utility designation services. We also provided permitting services for a Coastal Construction Control Line (CCCL). The entire project was a City pilot program for Low Impact Design (LID) and Best Management Practices (BMPs) for stormwater management which realized significant funding from the State.		[X] Check if project performed with current firm	
c. (1) <b>City of Coconut Creek SR 814/Atlantic Boulevard Landscape Beautification Improvements Coconut Creek, FL</b>	2013		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Under the firm's Continuing Services contract for Landscape Architecture services, Miller Legg provided context sensitive landscape beautification improvements to this roadway corridor from west of Lyons Road to the Florida Turnpike on an expedited basis. Services included landscape architecture, hardscape, irrigation, water use permitting, construction observation, traffic control and surveying services. We also facilitated the plans for execution of agreements and provided coordination with FDOT District 4 and Florida's Turnpike Enterprise.		[X] Check if project performed with current firm	
d. (1) <b>City of Coral Springs SR 869/Sawgrass Expressway Gateway Improvements Coral Springs, FL</b>	2009		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: This project involved gateway landscape enhancements at the following interchanges to SR 869/Sawgrass Expressway at Atlantic Blvd., Sample Road, Coral Ridge Drive and University Drive in the City of Coral Springs. Services included: Florida Friendly landscape architecture design, irrigation design and construction observation. This project was partially funded through Florida's Turnpike Enterprise as a follow-up completion of the Sawgrass Expressway.		[X] Check if project performed with current firm	
e. (1) <b>City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue Miramar, FL</b>	2013		2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect: City of Miramar's Improvement project was a Local Agency Program (LAP)-funded revitalization project from Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length and included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation.		[X] Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Nelson Perez</b>	13. ROLE IN THIS CONTRACT <b>Landscape Designer</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>11</b>	b. WITH CURRENT FIRM <b>11</b>
15. FIRM NAME AND LOCATION (City and State) <b>Miller Legg, Ft. Lauderdale, FL</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>FL, FDOT Intermediate Maintenance of Traffic</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Landscape Architecture, Landscape Architecture</b>		18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>Mr. Perez is a Landscape Designer responsible for landscape architectural design for a variety of public and private projects including roadway landscaping and irrigation, active and passive park landscape design, as well as residential and commercial projects.</b>	

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Town of Lauderdale By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements Lauderdale By-the-Sea, FL</b>		
(3)	BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <b>Landscape Designer: Under the firm's Continuing Services Contract, Miller Legg will provide design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. in the Town of Lauderdale-By-The-Sea. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.</b>		
b.	<b>City of Coconut Creek Copans Road Median Landscape Architecture Plans Coconut Creek, FL</b>	<b>2014</b>	
(3)	BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <b>Landscape Designer: For this median improvement project along Copans Road between Lyons Road and the Florida Turnpike Overpass, Miller Legg provided landscape, hardscape and irrigation design plans, surveying, permitting, pre-construction and construction observation services to the City.</b>		
c.	<b>City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue Miramar, FL</b>	<b>2013</b>	<b>2014</b>
(3)	BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <b>Landscape Designer: City of Miramar's Improvement project was a Local Agency Program (LAP)-funded revitalization project from Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length and included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation.</b>		
d.	<b>City of Miami Capital Improvement Program (CIP) Landscape Architecture Continuing Services (2013-2017) Miami, FL</b>		
(3)	BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <b>Landscape Designer: Miller Legg holds a Miscellaneous Landscape Architecture Continuing Services contract for the City of Miami Department of Capital Improvements and Transportation Program. The scope of work under this contract spans all comprehensive landscape architectural professional services includes master planning of site developments and roadway beautification projects, which can encompass site and environmental analysis, landscape programming, visual impact landscape assessments, schematic and figure development for charrettes and public community meetings. Additional scope items may include design management and production of contract specifications and plans, permit approval and post-design services.</b>		
e.	<b>City of Pembroke Pines Streetscape Design Guidelines Pembroke Pines, FL</b>	<b>2012</b>	
(3)	BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <b>Landscape Designer: Miller Legg worked on the City of Pembroke Pines city wide Streetscape Master Plan which also included the creation of context sensitive design guidelines for the roadway corridors throughout the City including accommodations for mobility. This Master Plan looked at both the corridor segment and intersection component. Corridor segment components included: median plantings, 'Side of Road' (along the right-of-way or street edge) plantings, street trees and specialty plantings. Intersection segment components included: Median nose treatments, crosswalks, expanded pedestrian plazas at the corners, specialty items and icons.</b>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>William Mohler, III, CA, CLI</b>	13. ROLE IN THIS CONTRACT <b>Certified Arborist</b>	14. YEARS EXPERIENCE a. TOTAL <b>9</b> b. WITH CURRENT FIRM <b>4</b>	
15. FIRM NAME AND LOCATION (City and State) <b>Miller Legg, Ft. Lauderdale, FL</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL, FDEP Qualified Stormwater Management Inspector FL, FDOT Intermediate Maintenance of Traffic FL, Certified Landscape Inspector Advanced Airport Wildlife Hazard Management Certified Arborist FL, Broward County Basic Tree Pruning	
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Ecology & Biology, Minor in Geography		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL, FDEP Qualified Stormwater Management Inspector FL, FDOT Intermediate Maintenance of Traffic FL, Certified Landscape Inspector Advanced Airport Wildlife Hazard Management Certified Arborist FL, Broward County Basic Tree Pruning	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Mohler is experienced in environmental document preparation, ecological monitoring and assessment, compliance monitoring, and geographic information systems (GIS). He has a comprehensive knowledge of Florida floral and faunal communities and their interactions. His training and practical experience includes lab and field experimentation, biological sample collection and monitoring, plant physiology, wildlife, avifaunal surveys, experimental design and implementation, data management, and statistical and numerical analysis. He also is a Certified Arborist.			

**19. RELEVANT PROJECTS**

		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) TITLE AND LOCATION (City and State) <b>City of Pembroke Pines Taft St. Improvements Pembroke Pines, FL</b>	<b>2016</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Certified Arborist: Miller Legg was on the RJ Behar team for this Taft Street Design Build project for the City of Pembroke Pines. The firm's scope of services was landscape architectural design and post design services and included the development of design and contract documents including plans and specifications. Support during the construction phase with Requests for Information and contractor submittals was also provided.		
		[X] Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>Florida Department of Transportation (FDOT) District 4 D/W Mobility Project - 56th Avenue Hollywood, FL</b>		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Certified Arborist: For a 3-mile segment along 56th Avenue in Hollywood from Pembroke Road to Stirling Road, Miller Legg is a subconsultant to Protean Design Group for this off-system project providing certified arborist review of an inventory of approximately 400 trees including species, common name, diameter, breadth and height (DBH), canopy, spread and condition. Data tables and .kmz files will be provided. To minimize impacts to tree resources, we coordinated on the health and location of trees in proximity to the proposed sidewalk alignment to determine sidewalk placement.		
		[X] Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>Florida Department of Transportation (FDOT) District 4 D/W Mobility Projects in Hollywood/ Hallandale - 14th Avenue from Atlantic Shores Blvd. to Sheridan Street Hollywood/Hallandale Beach, FL</b>		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Certified Arborist: For this 3-mile segment along 14th Avenue in the Cities of Hallandale Beach and Hollywood, we are providing miscellaneous landscape architecture services for improvements along this off-system roadway. Miller Legg is a subconsultant to Propel Engineering.		
		[X] Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>Memorial Hospital Pembroke Parking Improvements/Tree Inventory Pembroke Pines, FL</b>	<b>2015</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Certified Arborist: To improve significant drainage problems at the Memorial Healthcare System's Pembroke Hospital, Miller Legg is providing engineering drainage studies and design services for the campus and the associated parking areas. The project will also include resurfacing the parking areas and design of new curbing for improved drainage. These improvements will be permitted through the City of Pembroke Pines, South Broward Drainage District and South Florida Water Management District. Additional services include: Surveying, Subsurface Utility Engineering (SUE), maintenance of traffic for public and emergency vehicles, tree inventory and permitting and construction observation. Regarding the tree inventory and permitting, our Certified Arborists conducted a comprehensive tree inventory of all trees located with the footprint of the proposed multi-story parking garage. Data on over 400 trees were collected and associated attributes were identified. This contract is performed under our master engineer agreement with Memorial Healthcare System.		
		[X] Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>Town of Davie Shenandoah HOA Tree Survey Davie, FL</b>		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Certified Arborist Miller Legg performed various tree and palm inventories (approximately 2,500 total) located throughout the Shenandoah neighborhood in the Town of Davie. For each of the 27 locations identified within the neighborhood, a tree inventory and evaluation was conducted to reflect data such as species, diameter at breast height, overall height, canopy spread and general health and condition as evaluated by the firm's Certified Arborists. In addition, each area was mapped utilizing aerial imagery.		
		[X] Check if project performed with current firm	

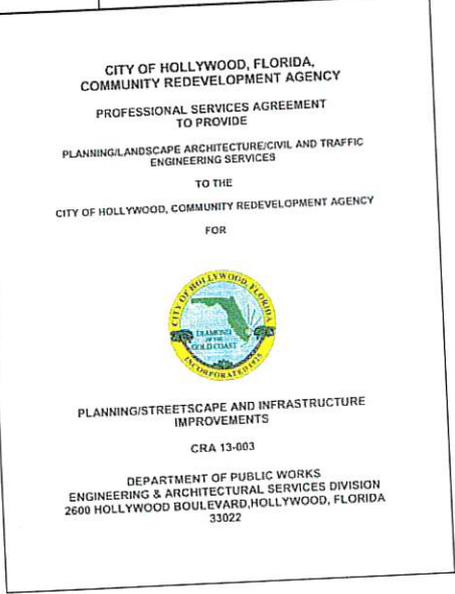
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 1
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21. TITLE AND LOCATION (City and State)  <b>City of Hollywood CRA Planning, Landscape Architecture, Civil &amp; Traffic Engineering Consultant Hollywood, FL</b>	22. YEAR COMPLETED  <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES</td> <td style="width: 50%;">CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)		

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Hollywood CRA	b. POINT OF CONTACT NAME Susan Goldberg	c. POINT OF CONTACT TELEPHONE NUMBER (954) 921-3900

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(Include scope, size, and cost)*

Miller Legg has a continuing services contract with the Hollywood CRA providing professional planning, landscape architecture, civil and traffic engineering services for a variety of public works projects. Services include: urban planning, landscape architecture, civil and traffic engineering, programming and scheduling, observations, feasibility studies, cost estimates/opinions of probable cost, partial or complete design services, including preparation of construction and bid documents, permitting with all governing agencies, construction contract administration, review of work prepared by other professional consultants, engineering analysis, field tests, laboratory tests, and other miscellaneous planning, landscape architecture, civil and traffic engineering services that may be required.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
	Miller Legg	Ft. Lauderdale, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)*

20. EXAMPLE PROJECT KEY NUMBER  
2

22. YEAR COMPLETED

21. TITLE AND LOCATION (City and State)

**City of Coconut Creek Copans Road Median Landscape Architecture Plans  
Coconut Creek, FL**

PROFESSIONAL SERVICES

2014

CONSTRUCTION (If Applicable)

23. PROJECT OWNER'S INFORMATION

d. PROJECT OWNER  
City of Coconut Creek

e. POINT OF CONTACT NAME  
Sheila Rose

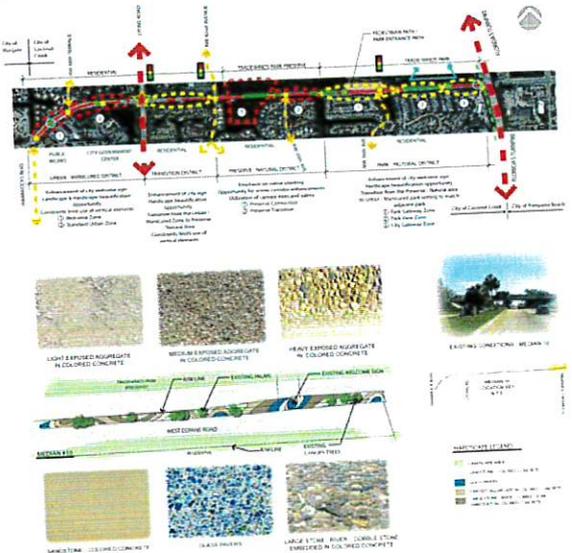
f. POINT OF CONTACT TELEPHONE NUMBER  
(954) 973-6756

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(Include scope, size, and cost)*

Miller Legg has been successfully providing a variety of sustainable landscape architecture, hardscape, irrigation, urban design and construction observation services to the City through Continuing Services contracts since 2002. In addition, other services have included surveying and traffic engineering. Projects have included Florida Friendly landscape and median improvements, roadway beautification, intersection upgrades and miscellaneous projects.

For the median improvement project along Copans Road between Lyons Road and the Florida Turnpike Overpass, Miller Legg provided landscape, hardscape and irrigation design plans, tree inventory, surveying, permitting, preconstruction and construction observation services to the City. Tree, streets and highway permitting was coordinated with Broward County.

For the SR 814/Atlantic Boulevard project, Miller Legg provided context sensitive landscape beautification improvements to this roadway corridor from west of Lyons Road to the Florida Turnpike on an expedited basis. Services included landscape architecture, hardscape, irrigation, water use permitting, construction observation, traffic control and surveying services. We also facilitated the plans for execution of agreements and provided coordination with FDOT District 4 and Florida's Turnpike Enterprise.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
a.	Miller Legg	Ft. Lauderdale, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
3

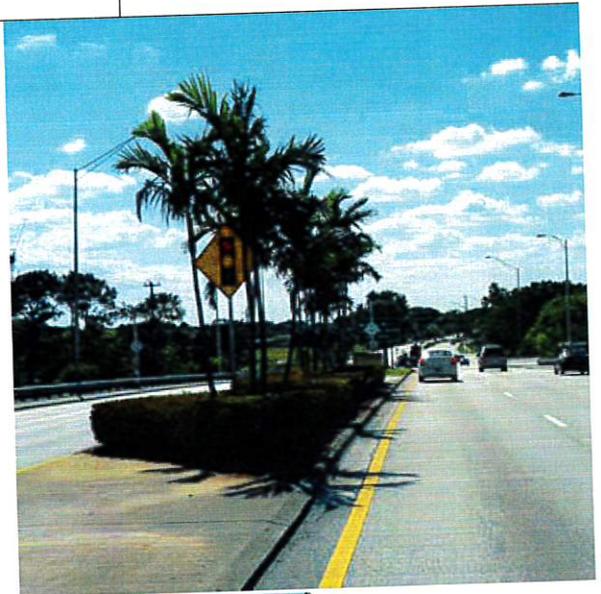
21. TITLE AND LOCATION (City and State) <b>City of Coconut Creek SR 814/Atlantic Boulevard Landscape Beautification Improvements Coconut Creek, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable)

23. PROJECT OWNER'S INFORMATION

g. PROJECT OWNER City of Coconut Creek	h. POINT OF CONTACT NAME Sheila Rose	i. POINT OF CONTACT TELEPHONE NUMBER (954) 973-6756
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(include scope, size, and cost)*

Under the firm's Continuing Services contract for Landscape Architecture services, Miller Legg provided context sensitive landscape beautification improvements to this roadway corridor from west of Lyons Road to the Florida Turnpike on an expedited basis. Services included landscape architecture, hardscape, irrigation, water use permitting, construction observation, traffic control and surveying services. We also facilitated the plans for execution of agreements and provided coordination with FDOT District 4 and Florida's Turnpike Enterprise.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
a.	Miller Legg	Ft. Lauderdale, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

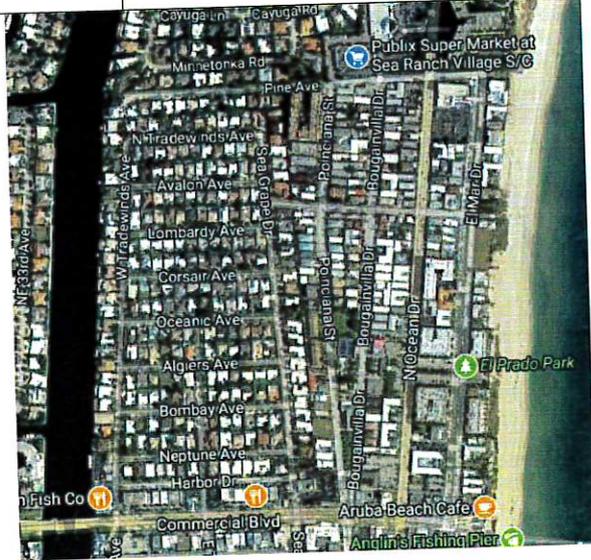
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete only Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 4
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21. TITLE AND LOCATION (City and State)  <b>Town of Lauderdale By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements Lauderdale By-the-Sea, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)

23. PROJECT OWNER'S INFORMATION		
j. PROJECT OWNER Town of Lauderdale-By-The-Sea	k. POINT OF CONTACT NAME Don Prince	l. POINT OF CONTACT TELEPHONE NUMBER (954) 640-4232

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(include scope, size, and cost)*

Under the firm's Continuing Services Contract, Miller Legg will provide design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. in the Town of Lauderdale-By-The-Sea. The goal of these streetscape improvements is to alleviate roadway and parking congestion along SRA1A. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
	Miller Legg	Ft. Lauderdale, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
5

21. TITLE AND LOCATION (City and State)  <b>City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue Miramar, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2014

23. PROJECT OWNER'S INFORMATION

m. PROJECT OWNER City of Miramar	n. POINT OF CONTACT NAME Alex Shershevsky	o. POINT OF CONTACT TELEPHONE NUMBER (954) 602-3315
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(include scope, size, and cost)*

Miramar Parkway Streetscape Improvement project was a Local Agency Program (LAP)-funded revitalization project in the City of Miramar. The project entailed Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length. The project included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation. Miller Legg developed a master plan for this corridor, incorporating access management and shared commercial parking facilities to enhance the commercial viability of the corridor. Utilizing the master plan, extensive public outreach was conducted with the corridor stakeholder to establish consensus on the redevelopment and roadway plan.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
a.	Miller Legg	Ft. Lauderdale, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)*

20. EXAMPLE PROJECT KEY NUMBER  
6

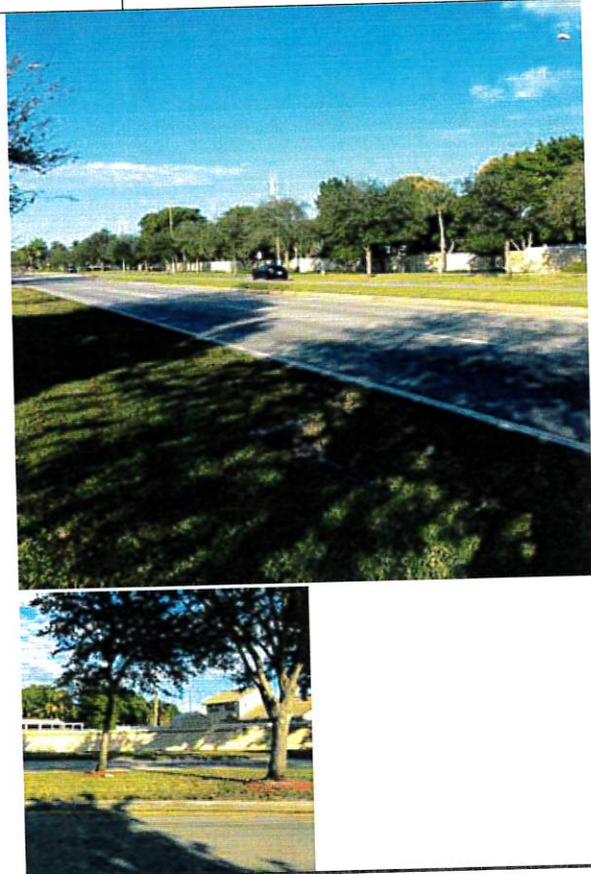
21. TITLE AND LOCATION (City and State)  <b>City of Miramar Roads Landscape Improvements Miramar, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable)

23. PROJECT OWNER'S INFORMATION

p. PROJECT OWNER City of Miramar	q. POINT OF CONTACT NAME Alex Shershevsky	r. POINT OF CONTACT TELEPHONE NUMBER (954) 602-3315
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(include scope, size and cost)*

The City of Miramar desired landscape improvements to be performed on sections of Miramar Parkway, Miramar Boulevard and Red Road in addition to some smaller roadway locations. As a subconsultant to RJ Behar on this streetscape project, Miller Legg provided sustainable landscape architecture services as follows: data collection, site and tree inventories, conceptual planting and irrigation design, final planting and irrigation plans, tree permitting and coordination, opinion of probable cost, coordination meetings with the City of Miramar and with the affected community, construction administration and field reviews.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
a.	Miller Legg	Ft. Lauderdale, FL	Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

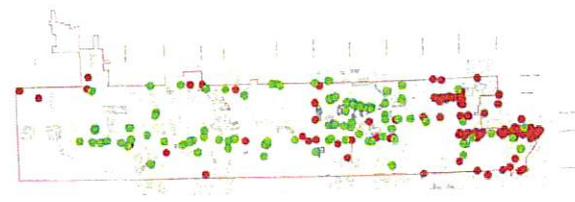
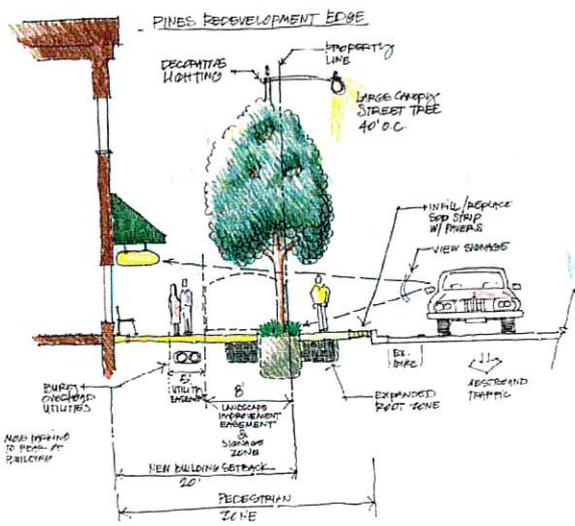
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 7
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<b>21. TITLE AND LOCATION (City and State)</b>  <b>City of Pembroke Pines Streetscape Design Guidelines Pembroke Pines, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable)

23. PROJECT OWNER'S INFORMATION		
s. PROJECT OWNER City of Pembroke Pines	t. POINT OF CONTACT NAME Joseph Yaciuk	u. POINT OF CONTACT TELEPHONE NUMBER (954) 435-6500

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT**  
*(Include scope, size, and cost)*

Miller Legg worked on the City of Pembroke Pines City Wide Streetscape Master Plan which included the creation of context sensitive design guidelines for the roadway corridors throughout the City including accommodations for mobility. This Master Plan looked at both the corridor segment and intersection component. Corridor segment components included: median plantings, 'Side of Road' (along the right-of-way or street edge) plantings, street trees and specialty plantings. Intersection segment components included: Median nose treatments, crosswalks, expanded pedestrian plazas at the corners, specialty items and icons. Components also included some specialty 'Threshold' Plantings, if there was adequate space. Residential streets included 'Family Ways'. These streets are intra-neighborhood linkages with improvements designed to enhance alternative modes of transportation – such as walking and biking. The Family Ways more effectively links residential communities with schools and parks and with commercial nodes, too, for shopping and to promote commerce at a local level.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
	Miller Legg	Ft. Lauderdale, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

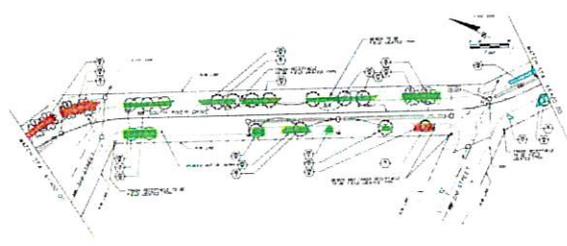
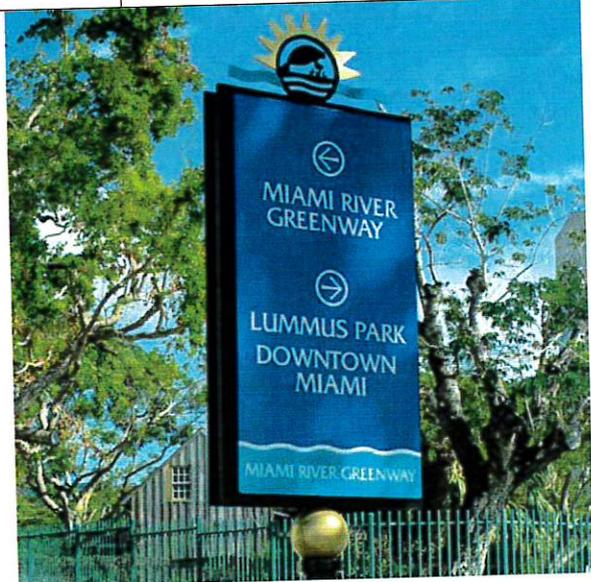
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by this agency or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 8
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21. TITLE AND LOCATION (City and State)  <b>City of Miami River Greenways - Segment D Miami, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  2009	CONSTRUCTION (If Applicable)

23. PROJECT OWNER'S INFORMATION		
v. PROJECT OWNER City of Miami	w. POINT OF CONTACT NAME Manuel Mejido	x. POINT OF CONTACT TELEPHONE NUMBER (305) 416-1289

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(include scope, size, and cost)*

Miller Legg was contracted to prepare landscape architecture design plans for Segment D of the City of Miami Riverwalk/Greenway Program along the Miami River. The project area includes a four-block (3/10 of a mile) area in conjunction with roadway improvements to include an eight foot multi-use pathway, landscape, hardscape and site furnishings. The project was partially funded by the Local Agency Program (LAP). Miller Legg was a subconsultant to RJ Behar and Company.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Miller Legg	(2) FIRM LOCATION (City & State) Ft. Lauderdale, FL	(3) ROLE Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 9
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21. TITLE AND LOCATION (City and State)  <b>Florida Department of Transportation (FDOT) District 4 D/W Mobility Projects in Hollywood/ Hallandale - 14th Avenue from Atlantic Shores Blvd. to Sheridan Street Hollywood/Hallandale Beach, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)

23. PROJECT OWNER'S INFORMATION		
y. PROJECT OWNER Florida Department of Transportation - District 4	z. POINT OF CONTACT NAME Robert Lopes	aa. POINT OF CONTACT TELEPHONE NUMBER (954) 486-1400

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(include scope, size, and cost)*

For this 3-mile segment along 14th Avenue in the Cities of Hallandale Beach and Hollywood, we are providing miscellaneous landscape architecture services for improvements along this off-system roadway. Miller Legg is a subconsultant to Propel Engineering.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
a.	Miller Legg	Ft. Lauderdale, FL	Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)</i>	<b>20. EXAMPLE PROJECT KEY NUMBER</b> 10
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<b>21. TITLE AND LOCATION (City and State)</b> <b>Florida Department of Transportation (FDOT) District 4 D/W Mobility Project - 56th Avenue Hollywood, FL</b>	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)

<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>bb. PROJECT OWNER</b> Florida Department of Transportation - District 4	<b>cc. POINT OF CONTACT NAME</b> Thuc Le	<b>dd. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 486-1400

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT**  
*(Include scope, size, and cost)*

For a 3-mile segment along 56th Avenue in Hollywood from Pembroke Road to Stirling Road, Miller Legg is a subconsultant to Protean Design Group for this off-system project providing certified arborist review of an inventory of approximately 400 trees including species, common name, diameter, breadth and height (DBH), canopy, spread and condition. Data tables and .kmz files will be provided. To minimize impacts to tree resources, we coordinated on the health and location of trees in proximity to the proposed sidewalk alignment to determine sidewalk placement.



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a.	(1) FIRM NAME Miller Legg	(2) FIRM LOCATION (City & State) Ft. Lauderdale, FL	(3) ROLE Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City & State)	(3) ROLE



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Miller Legg is a statewide award-winning consulting firm that brings together the elements of landscape architecture, planning, engineering, surveying, environmental wetlands consulting, and geographic information systems services.

Miller Legg works successfully to improve communities and create environments for a variety of clients. Client sectors include transportation, municipal and county government, healthcare, education, federal and international. This offers our clients a firm of seasoned professionals who are leaders in the Florida consulting industry.

Miller Legg, established in 1965, employs a staff of approximately 49 professionals and technicians and is wholly owned by its employees. The firm has locations in Ft. Lauderdale, Miami, Port St. Lucie and Winter Park.

The firm's landscape architecture services include: planting, hardscape, irrigation, urban design, complete street design, recreational and commercial planning, project theming, signage design, graphic design, contract administration, construction observation services, plan review, horticultural consulting and arboriculture. In addition, the firm has inventoried more than 40,000 trees ranging from 28 to 20,000 trees per project.

The firm has completed numerous municipal, county, state and federal projects ranging from neighborhood improvement and redevelopment projects, educational facilities site planning, cemeteries, neighborhood parks, and golf course designs to aviation facilities, regional water and sewer utilities, streetscapes, and streets and highways.

Additionally, the firm has successfully completed several thousand private-sector projects including residential developments from two to 7,000 acres, industrial and office sites, hotels and theme park facilities, hospitals and medical office complexes, commercial properties, retail shopping centers and franchise properties. The firm has been involved with more than 100,000 acres of project design development in Florida.

Our approach to each project is best characterized by a "partnering relationship." We dedicate ourselves to learning the culture of our clients, their specific concerns, desires and needs, much like an extension of their own offices. We consistently strive to maintain time schedules and to provide factual and frequent communication.

Miller Legg prides itself on its team approach to the interdisciplinary needs unique to the project and client. We provide responsive, personalized, quality service to value-conscious private clients and select government agencies, who desire the very best in planning and design.

I. AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

8/28/2017

33. NAME AND TITLE

Michael Kroll, RLA, FASLA, President

STANDARD FORM 330 (1/2004) PAGE 5

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)  
CRA 17-020

## PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

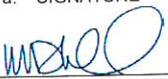
2a. FIRM (OR BRANCH OFFICE) NAME Miller Legg			3. YEAR ESTABLISHED 1965	4. DUNS NUMBER 038700035
2b. STREET 5747 N Andrews Way			5. OWNERSHIP	
2c. CITY Ft. Lauderdale			2d. STATE FL	2e. ZIP CODE 33309-2364
6a. POINT OF CONTACT NAME AND TITLE Michael Kroll, RLA, FASLA, President			a. TYPE Corporate	
6b. TELEPHONE NUMBER (954) 628-3651			6c. E-MAIL ADDRESS mkroll@millerlegg.com	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6. SMALL BUSINESS STATUS Yes			7. NAME OF FIRM (If block 2a is a branch office)	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	12	11	C02	Cemeteries (Planning & Relocation)	5
07	Biologist	3	3	C06	Churches; Chapels	2
08	CADD Technician	3	3	C10	Commercial Building; (low rise);	2
12	Civil Engineers	9	5	C14	Conservation and Resource	4
14	Computer Programmer	1	1	E01	Ecological & Archeological	4
16	Construction Manager	0	0	E02	Educational Facilities; Classrooms	4
19	Ecologists	1	1	H07	Highways; Streets; Airfield Paving;	2
21	Electrical Engineers	0	0	H09	Hospitals & Medical Facilities	3
23	Environmental Engineer	0	0	H11	Housing (Residential, Multifamily,	6
50	Environmental Risk Assessor	0	0	I06	Irrigation; Drainage	2
24	Environmental Scientist	1	1	L01	Laboratories; Medical Research	2
29	GIS Specialist	0	0	L03	Landscape Architecture	5
39b	Irrigation Designer	0	0	P04	Pipelines (Cross-country--Liquid &	2
38	Land Surveyor	2	2	P05	Planning (Community; Regional;	3
38a	Survey Crew Members	6	2	P06	Planning (Site, Installation and	3
39	Landscape Architects	3	2	R04	Recreational Facilities (Parks;	4
39a	Landscape Designers	5	5	S04	Sewage Collection, Treatment &	5
47	Planners: Urban/Regional	1	1	S13	Stormwater Handling & Facilities	5
51	Safety/Occupational Health	0	0	S10	Surveying; Platting; Mapping; Flood	2
60	Transportation Engineers	1	0	T03	Traffic & Transportation Engineering	2
	Other Employees	1	0	U02	Urban Renewals; Community	4
<b>Total</b>		<b>49</b>	<b>37</b>	<b>W03</b>	<b>Water Supply; Treatment and</b>	<b>4</b>

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	4	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	6	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

### 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 8/28/2017
c. NAME AND TITLE Michael Kroll, RLA, FASLA, President	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>RAJ KRISHNASAMY, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Principal Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>30</b>	b. WITH CURRENT FIRM <b>17</b>
15. FIRM NAME AND LOCATION (City and State) TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering, Christian Brothers University, 1987 MS Civil Engineering, University of Memphis, 1996		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida No. 53567	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer; Geotechnical Material Engineering Council, Past Chairman			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>Hiatus Road Extension from Sunrise Boulevard to Oakland Park Boulevard, Broward County, Florida</b>	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Krishnasamy is the principal in charge of the geotechnical engineering study for the construction of an undeveloped section of Hiatus Road (approximately 1.1 miles) and the construction of about 5200 feet of noise wall on the east side of the proposed Hiatus Roadway between Sunrise Boulevard and Oakland Park Boulevard in Broward County, Florida. Field work consisted of Standard Penetration Test (SPT) borings, auger borings, and Borehole Permeability (BHP) tests. Environmental corrosion tests were performed on soil samples recovered from the roadway soil borings. Environmental corrosion tests include parameters such as pH, resistivity, sulfate and chloride content. Provided geotechnical recommendations regarding soil conditions, groundwater, seasonal high groundwater estimates, noise wall foundation design (augercast pile foundation design, pile lengths and soil parameters to be utilized in pile analyses), treatment of organic soils, embankment construction, pavement design, and on-site soil suitability.		
b.	<b>SR 820 (Hollywood Blvd) and SR 845 (Powerline Road) Safety Projects, Broward County, FL FPID Nos.: 428274-1-32-01 &amp; 428275-1-32-01</b>	2011	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Krishnasamy was the principal in charge of for the safety improvement project included installation of mast arms at the following intersections: SR 820 (Hollywood Boulevard) and NW 35th Avenue, SR 845 (Powerline Road) and NW 40th Court. Performed a geotechnical engineering study to explore the subsurface conditions within the general vicinity of the intersections and provide geotechnical recommendations to guide the design and construction. Provided recommendations for drilled shaft foundation design as well as construction considerations.		
c.	<b>SW 36th Street Relocation from SW 73rd Avenue to SW 76th Terrace Davie, Florida</b>	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical study for the construction of an undeveloped section of SW 36th Street from SW 73rd Avenue to SW 76th Terrace (approximately 0.85 miles) in Town of Davie, Florida. Field work consisted of Standard penetration Test (SPT) borings, pavement cores, and Borehole Permeability (BHP) test. Provided report summarizing subsurface/groundwater conditions. Also provided geotechnical engineering recommendations for treatment organic soils, embankment constructions, temporary side slopes, pavement design considerations, and on-site soil suitability.		
d.	<b>Pine Island Road Widening from SR 84 to Nova Drive Broward County, Florida</b>	2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the improvements to Pine Island Road from Nova Drive to SR-84 in Broward County, Florida. The project entails the widening and reconstruction from a 4-lane divided rural typical section to a 6-lane urban typical section, and construction of Mast Arms at Orange Grove Drive and Nova Drive. Field work included Standard Penetration Test (SPT) borings, Borehole Permeability (BHP) tests and collecting subgrade samples for Limerock Bearing Ratio (LBR) tests. Provided geotechnical recommendations for treatment of organic soils, embankment construction, temporary side slopes, pavement design, gravity wall, and on-site soil suitability.		
e.	<b>I-95 Express Lanes in Broward and Miami-Dade Counties (Design-Build) from the Golden Glades in Miami-Dade County to Broward Boulevard in Broward County, Broward and Miami-Dade Counties, Florida</b>	2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		



Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the project. existing roadway and a 4-story Project included the extension of the High Occupancy Toll Express lanes from northern Miami-Dade County north 13 miles to Fort Lauderdale. The project included installing Intelligent Transportation System components; modifying the Ives Dairy Road interchange; bridge widening at specific locations and installing new noise barrier walls at locations between Hollywood Boulevard and Taft Street. TSF performed geotechnical study for roadway widening, bridge widening, overhead signs, MSE walls, toll equipment galleries and buildings. During construction TSF provided pile driving inspection and foundation certification. The project was completed on time and within budget

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>KUMAR VEDULA, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Principal Geotechnical Engineer</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>12</b>
<b>15. FIRM NAME AND LOCATION (City and State)</b> TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Bachelor of Engineering, Andhra University, India, 1992 MS Civil Engineering, University of Memphis, 1995		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Professional Engineer, Florida No. 54873	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> American Society of Civil Engineers, Past President			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>SR-997 (Krome Avenue) from SR-94/Kendall Drive to SR-90/SW 8 Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula is the Senior Engineer for the geotechnical engineering services for the project which consists of the realignment of Krome Avenue from SR 94 (Kendall Drive) to SR 90 (Tamiami Trail) in Miami, Florida. The project is approximately 5 miles long. The improvements include the realignment of the existing roadway. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the roadway improvements. Field work included auger borings and muck probes. Utilities, including a 30-inch force main and water main, which were to remain in place, were factored into geotechnical recommendations and proposed options. Geotechnical recommendations included the discussion of various options such as surcharge, reinforced soil platform, geo-synthetic, demucking and soil mixing. TSF also provided geotechnical recommendations involving permanent cut/fill slopes, excavations, groundwater control, pavement design, and on site soil suitability. TSF is currently providing construction support services including evaluation of surcharge settlement.		
b.	<b>I-75 Express Lanes Segment A/B from NW 170th Street to South of Miramar Parkway, Broward &amp; Miami-Dade Counties, Florida</b>	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula is Geotechnical Foundation Design Engineer of Record (GFDEOR) for the project. Performed a geotechnical study for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. This corridor includes fourteen (14) bridge structures, several associated MSE Walls, about 20,000 linear feet of sound walls, Toll Gantries, CCTV poles, High Mast Light Poles, and Overhead Sign Structures. Provided pile design for bridges, and design parameters for sound walls, poles, and sign structures. Currently providing pile driving inspections and auger cast pile inspections for sound walls, and foundation certifications for bridges and sound walls.		
c.	<b>South Florida AET Phase 4, Broward and Miami-Dade Counties, Florida</b>	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the principal engineer for the geotechnical engineering study. The project is to install All Electronic Toll equipment facilities at Golden Glades Mainline Plaza and Dolphin Center Exit Ramp Plaza in Miami-Dade County, and at Hollywood Blvd and Griffin Road Interchange Ramp Plazas. Provided geotechnical engineering services for the roadway improvements which include widening of HFFT northbound ramp to Turnpike mainline, minor widening at outside shoulder and gore areas near the southern end of the project and at Griffin Road Ramp Plaza, a new SB-WB exit ramp at Hollywood Blvd, access driveways at the proposed Toll Equipment Structure (TES) locations, toll equipment gantries, toll equipment buildings, retaining walls, drainage improvements, overhead sign structures, and mast arms.		
d.	<b>Design-Build Rehabilitation of West Bridge and Bear Cut Bridge on Rickenbacker Causeway, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the principal engineer for the geotechnical engineering study for the rehabilitation of West Bridge (Bridge No. 874541) and Bear Cut Bridge (Bridge No. 874544). As part of the project, Bear Cut Bridge will be widened on the north side to provide additional space for pedestrian and bicycle traffic. The project also includes constructing French drains on the east and west sides of the bridge. Field work consisted of Standard Penetration Test (SPT) borings, Borehole Permeability (BHP) tests, and rock corings. Performed pile capacity analysis, prepared soil parameters and provided geotechnical engineering recommendations. Additionally,		



TSF performed studies to determine the length and pile capacity of the existing bridge (unknown foundation study).		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>District 4 Unknown Foundations Bridge Scour Evaluation</b> <b>FPID No.: 427334-1-72-01, Broward County, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mr. Vedula was the principal engineer for the geotechnical engineering services which consisted of estimating pile foundation embedment for 20 bridge structures. Bridges included Andrews Avenue over C-13 Canal Bridge, NE 23 Avenue over Rio Giraldo Canal, NE 26th Terrace over Rio De Sota, Laguna Terrace over Diane River, West Lake Drive over Estelle River, West Lake Drive over Diane River, West Lake Drive over Lucille River, Johnson Street over C-10 Canal, and Kings Highway over Belcher Canal amongst others.		



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <p style="text-align: center;"><b>1</b></p>		
<b>21. TITLE AND LOCATION (City and State)</b> <b>SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida</b>		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>			
<b>23. PROJECT OWNER'S INFORMATION</b>				
<b>a. PROJECT OWNER</b> FDOT c/o BMA Consulting Engineering	<b>b. POINT OF CONTACT NAME</b> Mr. Jesus A. Mustafa, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954).870- 5054		
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b> <p>           Provided geotechnical engineering services for several roadway improvements under consideration on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County, Florida. The purpose of the study was to provide Geotechnical (i.e. soils and groundwater) input to the design team to assist in evaluation of the merits of the potential roadway improvements. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Reviewed readily available published topographic and soils information obtained from the "Soil Survey of Broward County, Florida" published by the United States Department of Agriculture (USDA) Natural Resources Conservation Services (NRCS), and USGS Maps. Field work included Standard Penetration (SPT) borings for roadway widening, light pole installations and retaining walls. double ring infiltration tests (DRIT), exfiltration tests, and asphalt pavement cores from existing roadway. Classified soil samples using the AASHTO and Unified Soil Classification System and performed laboratory testing to establish the soil properties which included grain size analysis, moisture content and organic content determination, and Atterberg limit tests. TSF also reviewed the existing data from previous geotech studies. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pile Wall, Light Pole installation, and construction considerations.         </p>				

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	<b>(1) FIRM NAME</b> Tierra South Florida, Inc.	<b>(2) FIRM LOCATION (City and State)</b> West Palm Beach, Florida	<b>(3) ROLE</b> Geotechnical Engineering Services
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>2</b>
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<b>21. TITLE AND LOCATION (City and State)</b> <b>I-75 Express Lanes – Segment A/B from NW 170 Street to South of Miramar Parkway, Broward and Miami-Dade Counties, Florida</b>	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) On-going

**23. PROJECT OWNER'S INFORMATION**

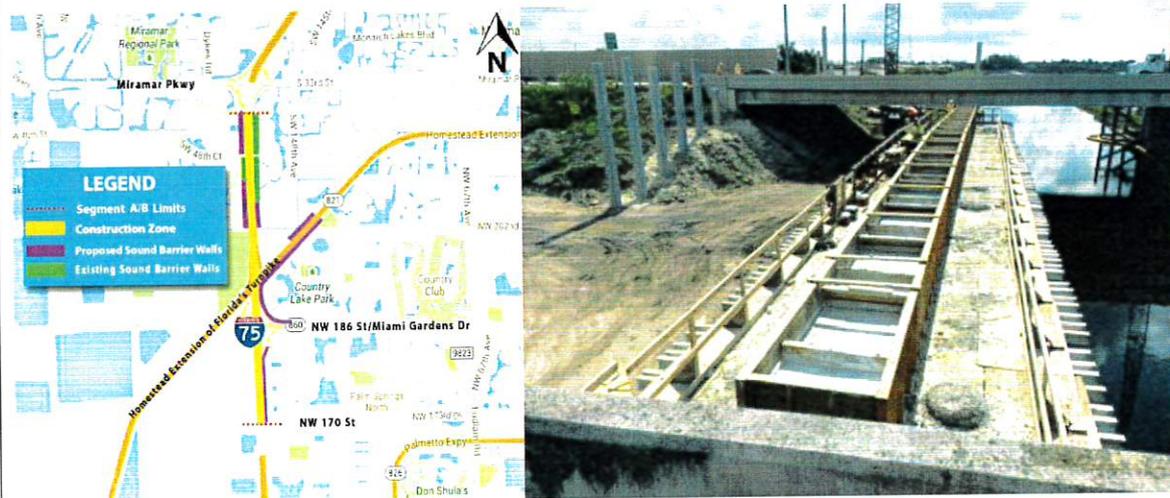
<b>a. PROJECT OWNER</b> FDOT D4 c/o Wantman Group, Inc.	<b>b. POINT OF CONTACT NAME</b> Keegan Larson, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (561) 687-2220
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Performed a geotechnical study for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. This corridor includes fourteen (14) bridge structures, several associated MSE Walls, about 20,000 linear feet of sound walls, Toll Gantries, CCTV poles, High Mast Light Poles, and Overhead Sign Structures. Provided pile design for bridges, and design parameters for sound walls, poles, and sign structures.

Currently providing pile driving inspections and auger cast pile inspections for sound walls, and foundation certifications for bridges and sound walls.

Project Duration: 2014 – 2019 (Scheduled)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION (City and State) <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineering and Construction Support Services</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>3</b>
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<b>21. TITLE AND LOCATION (City and State)</b> <b>I-95 Express Lanes in Broward and Miami-Dade Counties (Design-Build) from the Golden Glades in Miami-Dade County to Broward Boulevard in Broward County, Broward and Miami-Dade Counties, Florida</b>	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(if applicable)</i> 2014

**23. PROJECT OWNER'S INFORMATION**

<b>a. PROJECT OWNER</b> FDOT District 4 and District 6 c/o Hubbard Construction	<b>b. POINT OF CONTACT NAME</b> Mr. Leonel Ferradaz, Jr.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 790-6512
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Project included the extension of the High Occupancy Toll Express lanes from northern Miami-Dade County north 13 miles to Fort Lauderdale. The project included installing Intelligent Transportation System components; modifying the Ives Dairy Road interchange; bridge widening at specific locations and installing new noise barrier walls at locations between Hollywood Boulevard and Taft Street. TSF performed geotechnical study for roadway widening, bridge widening, overhead signs, MSE walls, toll equipment gallantries and buildings.

During construction TSF provided pile driving inspection and foundation certification.

The project was completed on time and within budget.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	<b>(1) FIRM NAME</b> Tierra South Florida, Inc.	<b>(2) FIRM LOCATION (City and State)</b> West Palm Beach, Florida	<b>(3) ROLE</b> Geotechnical Engineering & Construction Support Services
<b>b.</b>	<b>(1) FIRM NAME</b>	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) ROLE</b>



**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Raj Krishnasamy, P.E.	Project Manager, Principal Engineer	X	X	X							
Kumar Vedula, P.E.	Senior Geotechnical Engineer	X	X	X							

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida	6	
2	I-75 Express Lanes – Segment A/B from NW 170 Street to South of Miramar Parkway, Broward and Miami-Dade Counties, Florida	7	
3	I-95 Express Lanes in Broward and Miami-Dade Counties (Design-Build)	8	
4		9	
5		10	

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## H. ADDITIONAL INFORMATION

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30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

### Company Profile

Tierra South Florida, Inc. is a multi-disciplinary geotechnical, materials engineering and inspection firm, offering professional engineering and associated consulting services to both the public and private sectors. The primary service areas are:

1. Geotechnical Engineering
2. Field and laboratory construction materials engineering inspection and testing
3. Threshold/Special Inspections

The geotechnical and materials engineering services provide clients with the comprehensive range of siting, planning, design, construction and quality control disciplines required for major construction projects.

Mr. Raj Krishnasamy, P.E. qualifies as a minority by Federal Guidelines. Mr. Krishnasamy is a licensed Engineer with 30 years of experience in geotechnical, material engineering and inspection services.

### Geotechnical Engineering

Tierra South Florida can provide a complete range of geotechnical engineering services. These services include site assessments, planning, field and laboratory investigations, design specifications and recommendations, quality control, instrumentation and performance studies. Applications are for all types of buildings, airport facilities, transportation systems, landfills, dams, and other civil and private projects. Tierra South Florida's primary market is minority business set aside by City, County, State and Federal agencies.

### Construction Materials Engineering and Testing

Tierra South Florida offers materials engineering, testing and inspection services applicable to the governmental, construction and manufacturing industries. Tierra South Florida will evaluate and then develop recommendations regarding both existing structures and new construction. During construction, monitoring and quality control services will cover every phase of construction and all materials used.

### Laboratory Facilities

Tierra South Florida operates its own laboratory facilities in order to better meet the needs of its clients. This laboratory provides specialized testing services associated with geotechnical, engineering, and construction materials. Tierra South Florida's laboratory facilities are designed and operated to provide fast, reliable information to assure the meeting of client's needs. The geotechnical operations of Tierra South Florida are supported by state-of-the-art soil testing capabilities. Tierra South Florida has a laboratory for the testing of non-contaminated soils and materials. The trained and certified laboratory staff will routinely perform physical properties testing of soil, rock, concrete, steel, asphalt, and composite building materials. These testing services are performed in support of all project phases, including site investigations and assessments, design, and construction.

### Corporate and Project Management Philosophy

The Tierra South Florida organization is committed to minimizing corporate administrative control which allows both branch management and specific technical teams to take correct and timely actions to meet the objectives of their clients. Employees stress quality, responsive services in which they will take a great deal of pride. Client satisfaction with the quality of Tierra South Florida's work, past and future, will result in a large percentage of work to be performed for repeat clients.

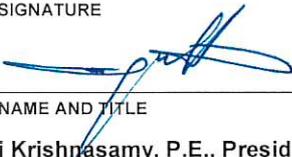
### Interaction with Regulatory Agencies

Tierra South Florida has an excellent working relationship with the Florida Department of Transportation as well as the South Florida Water Management District. When working within right of way of these agencies, Tierra South Florida will submit an application for request of work permit and obtain the proper authorization prior to proceeding with work. Tierra South Florida will then follow up with a meeting to explain the scope in detail, and notify the agency at completion.

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The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

September 5, 2017

33. NAME AND TITLE

Raj Krishnasamy, P.E., President/Principal Engineer







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Traffic Engineering Services to the CRA for Capital Projects

## SECTION 5 | PROFILE CONSULTANT

### a. FIRM ORGANIZATION

#### **R. J. BEHAR & COMPANY, INC.**

R. J. Behar & Company, Inc. (RJ Behar) is a local Corporation in the State of Florida.

- The company was incorporated in State of Florida on October 4, 1999
- The company was authorized to do business in the State of Florida on October 22, 1999
- The Secretary of State's License Number is P99000088184
- The Federal Employers Identification Number is 65-0954070.

#### ***SUBCONSULTANTS INFORMATION***

##### **TIERRA SOUTH FLORIDA, INC.**

The company was established in the State of Florida in 2003.

##### **MILLER LEGG & ASSOCIATES, INC.**

The company was established in the State of Florida in 1965.

##### **M.G. VERA & ASSOCIATES, INC.**

The company was established in the State of Florida in 1977.

### b. LOCATION

RJ Behar's office location in charge of this project is located at 6861 SW 196<sup>th</sup> Avenue, Suite 302, Pembroke Pines, FL 33332 in the Broward County.

**TIERRA SOUTH FLORIDA, INC.** – All services will be provided from their Fort Lauderdale office, which is located at 2765 Vista Parkway, Suite 10, West Palm Beach, FL 33411.

**MILLER LEGG & ASSOCIATES, INC.** – All services will be provided from their Fort Lauderdale office, which is located at 5747 N Andrews Way, Fort Lauderdale, FL 33309.

**M.G. VERA & ASSOCIATES, INC.** – All services will be provided from their Corporate/Miami office, which is located at 13960 SW 47<sup>th</sup> Street Miami, FL 33175.

### c. FIRM DESCRIPTION, SIZE, RANGE OF ACTIVITIES

RJ Behar was established in 1999, to provide personalized services in the disciplines of engineering, planning, and construction management engineering inspection to public and private clients throughout Florida. Our firm has grown during this period of time to 36 employees. Our steady growth has been based on providing quality services with a client service-oriented approach. In this





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short time, we have secured contracts with agencies such as Broward County, Miami-Dade County, Palm Beach County, the Florida Department of Transportation (FDOT), Miami-Dade Expressway Authority, South Florida Water Management District (SFWMD), Central Broward Water Control District, the cities of Miramar, Lauderdale Lakes, Lauderhill, Coral Springs, Fort Lauderdale, North Miami, Doral, Hialeah and Miami, and the Towns of Southwest Ranches and Davie. RJ Behar's Board of Directors and Trustees include Mr. Robert J. Behar; PE, founder, president, and treasurer of RJ Behar. Mr. Behar is the Principal in Charge/CEO of all projects with the Company. Mr. Juan Vazquez, PE, serves as the Vice-president of the Company and Mrs. Dereth Behar serves as the Corporate Secretary. Mr. Behar and Mr. Vazquez are the sole proprietors of the firm.

RJ Behar is an Engineering Consulting firm with three offices located in Miami-Dade, Broward and Palm Beach Counties. The project will be managed and produced from our Broward County office. RJ Behar is licensed in the State of Florida to perform Engineering Services. The Secretary of State's License Corporation Number is P99000088184 and the State of Florida Professional Engineers Certificate of Authorization Number is 8365. RJ Behar's tax status is current as of September 30, 2017, which will be renewed at that time.

RJ Behar is bringing the City of Hollywood a well-qualified group of individuals whose capacities and skills are especially suited for the any task work order that could be requested in this contract; along with supporting staff members to ensure all disciplines are covered. Our team has successfully completed similar general engineering and architectural services contracts for various government and municipal agencies. Several projects performed by the proposed team have received or have been nominated to receive engineering or architectural awards. The table on this page offers a comprehensive distribution of our Company's breakdown.

RJ Behar has distinct areas of specialization, which include 16 Professional Engineers (PEs), 5 Engineer Interns (EIs), Professional Hydrologists, Board Certified Environmental Engineers, Environmental Inspectors, Threshold Inspectors, Vertical Inspectors, Technical Field Inspectors, Roadway and Bridge Inspectors, Earthwork Inspectors, Concrete Inspectors, Asphalt

DEPARTMENT	# OF STAFF
Civil/Site Engineering	4
Water/Wastewater/Stormwater	8
Traffic/Transportation/Planning	3
Structural Engineering	2
Construction Management/Inspection	11
CAD Design	2
Administrative	6
<b>Total =</b>	<b>36</b>

Inspectors, CTQP certified inspectors, Certified Temporary Traffic Control Plan inspectors, Certified Public Managers, Certified Floodplain Managers, Professional Traffic Operations Engineers, and Transit Planners. Our team has considerable resources and we will be able to meet the challenges of the City's anticipated assignments. RJ Behar will be able to provide sufficient staff to ensure timely completion of any and all assignments under this contract. We offer an extremely qualified group of individuals whose experience and capabilities are especially suited to the development of the project requested in this contract. We have assembled a team of seasoned professionals with supporting staff members to undertake any assignment that could come up in this Request for Qualifications for this contract. Our team has successfully completed similar





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civil engineering contracts for various government and municipal agencies. Several projects of the proposed team have received or have been nominated to receive engineering or architectural awards. We pride ourselves in meeting our client's needs through the use of proper project management and an extensive quality assurance program.

RJ Behar's disciplines include:

- ❖ *Civil Engineering*
- ❖ *Roadway*
- ❖ *Drainage*
- ❖ *Permitting*
- ❖ *Traffic Engineering/Transportation Planning*
- ❖ *Planning*
- ❖ *Streetscape Planning and Design*
- ❖ *Traffic Data Collection*
- ❖ *Feasibility Studies*
- ❖ *Cost Estimate*
- ❖ *Construction Administration*

## Transportation and Traffic Engineering

RJ Behar provides transportation engineering design services in the following areas: *Urban Roadway Design, Rural Roadway Design, Freeway Design (Limited Access Facilities), Intersection Improvement Design, Resurfacing Street Design, Pavement Marking and Signing Plans, Signalization Plans, Lighting Plans, Utility Coordination, Drainage Design and Permitting, Culvert Designs, Embankment Earthwork Calculations.*

In approaching all transportation planning projects, RJ Behar integrates the land use issues and transportation relationships in order to provide the proper balance between the travel modes and the operation of the facility, taking into consideration the social, environmental and engineering constraints, and available funding to provide innovative and practical solutions for our clients. We also recognize the importance of involving the public and elected officials throughout our planning process in order to obtain meaningful solutions, which increase our chances towards a successful project. We strive to develop smooth flowing, pedestrian friendly transportation solutions for all our clients.

## Traffic Planning

We have developed expertise in the Transportation Planning, and Traffic Engineering field. We are very familiar with the Manual of Uniform Traffic Control Devices, The Florida GreenBook (Mr. Robert Behar is a member of the Committee), Florida Department of Transportation Standards, American Association of State Highway and Transportation Officials, Broward County Land Development Code and many City Code Ordinances. RJ Behar owns data capturing equipment and has in-house trained staff to collect and process traffic volume data. We can perform traffic volume counts, speed studies, turning movement counts, vehicle classification studies and vehicle cut-through analysis. These services are performed by staff and do not require the involvement of a third party subconsultant, which allows us the flexibility to respond to our clients request for these services efficiently and on short notice.

We have prepared numerous traffic studies for FDOT, MDX and a variety of municipalities. We recently completed the Interchange Operational Analysis Report (IOAR) for the I-75/Griffin Road and I-95/Donald Ross Road IOAR for District 4. For MDX, we have completed the Interchange Justification Report (IJR) for a new interchange on SR-874 in Miami-Dade County. These studies require approvals from each of the respective District's as well as other agencies. District 4's IOAR also required the approval from FHWA. The MDX IJR required the approval from the FDOT Central Office. Both were very challenging and complex studies. We completed a major traffic study for the NW 87th Avenue/Okeechobee Road/NW 103rd Street complex intersections.





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Traffic Engineering Services to the CRA for Capital Projects

## PREPARE TRAFFIC STUDIES AND TRAFFIC OPERATIONS REPORTS

RJ Behar has a substantial amount of experience. Mr. Rafael De Arazoza served as District 6 Assistant Traffic Operations Engineer for several years as well as providing these services to municipalities within the private sector.

RJ Behar was contracted by the Florida Department of Transportation to provide Traffic engineering services for Traffic Operations/Safety Studies within the District 6 region. The general purpose of this contract is to provide the Department with professional traffic engineering services through the development of various traffic operations and safety studies that will be identified for intersections, arterials, etc., and related improvements recommendations and evaluations. All reports/studies are to be signed and sealed by a professional engineer registered in Florida whose area of specialization is traffic engineering. As of March 2016, RJ Behar has successfully completed 32 task work orders.

Assignments include: *Crash Analysis, Highway Lighting Studies, Fatal Crash Review, Intersection Safety and Traffic Operations Study, Roadway Lighting Field Inventory, Speed Data Collection, Spot Speed Study and Safe Curve Speed Study, Vehicle Gap Analysis, Traffic Data Collection, Road Safety Audit, Intersection Quality Assessment Study, Intersection Improvements, and Traffic Signal Warrant Analysis.* RJ Behar has successfully completed 58 study/data collection assignments for the FDOT District 6 under the Traffic Operation/Safety Studies contracts.

## Traffic Signalization

RJ Behar has extensive experience in traffic signalization improvement projects. Many of the signal improvements have been part of larger roadway or corridor improvement projects. RJ Behar has developed many signalization improvements including signal timing, signal modifications, and upgrades to mast-arm assemblies. Our signalization project experience has included intersection geometric improvements (such as lane additions), reducing conflict points, pedestrian safety, bus stop installations and ADA upgrades. The goal of each project has always involved optimization of the signal phasings/timing, traffic operations and safety considerations. RJ Behar will use the latest available version of Synchro and/or HCS as well as field observations to assist in the analysis and optimization of signalized operations and intersection LOS. Recent traffic signalization projects include: *SR845/Powerline Road Boca Raton, FL – 8 signalized intersections, NW 87th Avenue, Medley, FL – 5 signalized intersections, SR-25/Okeechobee Road, Hialeah Gardens, FL - 2 signalized intersections, E. 1st Avenue Hialeah, FL – 5 signalized intersections, US-1/Hallandale Beach Boulevard – 2 signalized Intersections, Palm Avenue, Hialeah, FL – 5 signalized intersections.*

## Roadway Design

RJ Behar began as a roadway design firm. Our primary expertise is roadway design and most of our other areas of expertise came by way of roadway design or by supplementing our roadway design capabilities. Our experience includes: Roadway/Highway Design Plans, Traffic Engineering and Operations Studies, Signing, Pavement Marking and Channelization Plans, Lighting/Signalization Plans, Drainage and Permitting, Miscellaneous Structures, and Construction Management/Engineering Inspection. Our staff has a wide roadway design/city streets experience including design of major arterial roadways such as: *Miami River Greenways-Segment D (East Little Havana), City of Miami; NW 87th Avenue, Miami Dade County (FDOT D6); Powerline Road (SR-845) in Boca Raton (FDOT D4); SR-A1A in Palm Beach County (FDOT D4); NW 44th Street Improvements and Sunrise Lakes Blvd - Right-of-Way*





# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

*Improvements, for the City of Sunrise; Reconstruction of SE 3rd Street, Belle Glade, NW 44th Street, City of Lauderdale Lakes; and much more!*

## **Civil Engineering**

RJ Behar has extensive experience in municipal engineering. We understand the governmental engineering process, the bid process, contract administration and working with city commissions associated with municipal engineering. The keys to providing successful municipal engineering services include: *Being responsive, adapting to performing under short notice, learning to be an extension of the City's Staff, understanding the City's budgetary constraints, being user friendly, delivering on our promise and providing quality products.* RJ Behar has been involved in the following types of municipal engineering projects: *Streetscape Planning and Design, City Street Planning and Design, Recreational Facility Design, Design of Sanitary Sewer Systems, Cost Estimating, Water Distribution Design, Structural Engineering, Contract Administration, Site Engineering, Traffic Studies, Neighborhood Studies, Streets Resurfacing, Funding Applications/LAP Certifications, Grant Assistance and Applications.* Our team has extensive civil engineering design experience, some of our completed project include: Seawall Repairs at Indian Mound Park and Hillsboro Inlet Park, City of Pompano Beach; Hialeah Public Works, Site Plans, City of Hialeah; Design Services for Lehman Causeway Wall, City of Sunny Isles; BC & FAU A. Hugh Adams Parking Garage Expansion, Broward College; Old Davie School Improvements, Town of Davie, and so on.

## **Site Planning and Design**

RJ Behar provides services in the area of site planning ranging from small scale commercial site planning to master planning for mixed-use projects. We provide the design of paving, drainage, water distribution systems and sanitary sewer systems associated with land development projects. We are experienced in obtaining permits from state agencies such as the Water Management Districts, Department of Environmental Protection, the Florida Department of Transportation, Health Department and numerous City and County agencies throughout South Florida. RJ Behar provides the following site engineering services: *Site Grading Design, Park and Recreation Facilities, Water Distribution Design, Stormwater Master Plans, Wastewater Collection Systems, Construction Permitting.*

## **Drainage Design**

RJ Behar has extensive expertise in the areas in drainage design and water resources. We are qualified to determine drainage areas, develop maps and hydrologic/hydraulic parameters to be used in the drainage. The data can be developed using digital maps, GIS maps, stormwater atlases and previous analyses and permits. RJ Behar has extensive expertise in the areas of drainage design and water resources. Services in this area include: *Stormwater Master Planning, Hydrologic-Hydraulic Studies, Bridge Hydraulics and Scour Analyses, Stormwater Sewer Design, Injection Well Design, Highway Drainage, NPDES Permitting for Construction Activities, Open Channel Hydraulics/Canal Conveyance/Energy Dissipation, Flood Control and Drainage Studies, Stormwater Pump Stations, Gates/Culverts/Spillways Design, Environmental Reporting and Permitting, and Water Quality Modeling*

## **Permitting**

We have extensive experience with permitting. As Town or City Engineer in different municipalities, we have had to process multiple permits. RJ Behar has procured all the required civil engineering permits for all its projects in Miami-Dade County. The permitting agencies we have past experience with are the



**R.J.Behar**



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Department of Environmental Protection, South Florida Water Management District, Local Water Control Districts, the Health Department, and many municipalities. RJ Behar has also been the permit coordinators for FDOT District 6 Permit Coordination and Drainage Reviews, Central Broward Water Control District Permit Reviews, and the Town of Southwest Ranches permitting and building code inspections. We also provided plan reviews and drainage permitting coordination.

## Construction Engineering and Inspections (CEI) Services

RJ Behar is certified by FDOT in Construction Engineering Inspections Services. RJ Behar offers a full range of construction engineering services. These services range from providing Construction Engineering & Inspection (CE&I) to providing on-call site engineering services for land development and municipal projects. Our proposed team members are all trained and certified. They are familiar with all of the required contract provisions for construction contracts including all monitoring and reporting requirements, contract and project billing documentation. We provide both infrastructure inspection as well building inspection services. Our construction management team includes licensed General Contractors and licensed Threshold Inspectors. Our CEI Department has worked on several **roadway construction projects** for various municipalities, such as the City of Pembroke Pines, City of Hialeah, City of Fort Lauderdale, City of Delray Beach, City of North Miami, City of Doral, Town of Cutler Bay and much more.



## Specialties Certifications

RJ Behar has distinct areas of specialization, which include Professional Hydrologists, Board Certified Environmental Engineers, Environmental Inspectors, Threshold Inspectors, Vertical Inspectors, Technical Field Inspectors, Roadway and Bridge Inspectors, Earthwork Inspectors, Concrete Inspectors, Asphalt Inspectors, CTQP certified inspectors, LEED AP certified, certified MOT, Certified Public Managers, Professional Traffic Operations Engineers, and Transit Planners.

## Subconsultants

### *Miller Legg & Associates, Inc.*

Miller Legg is a statewide award-winning consulting firm that brings together the elements of *landscape architecture* and urban design, engineering, surveying, planning, environmental wetlands consulting, and geographic information systems services. Miller Legg works successfully to improve communities and create environments for a variety of clients. Client sectors include municipal and county government, transportation, and healthcare, education, federal and international. This offers our clients a firm of seasoned professionals who are leaders in the Florida consulting industry. Miller Legg, established in 1965, employs a staff of over 50 professionals and





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technicians and is wholly owned by its employees. The firm has locations in Fort Lauderdale, Miami and Port St. Lucie. The firm's *landscape architecture services include*: planting, hardscape, irrigation, urban design, complete street design, recreational and commercial planning, project theming, signage design, graphic design, contract administration, construction observation services, plan review, horticultural consulting and arboriculture. The firm has completed numerous municipal, CRA, county, state and federal projects ranging from neighborhood improvement and redevelopment projects, educational facilities site planning, cemeteries, neighborhood parks and golf course designs to aviation facilities, complete streets projects, regional water and sewer utilities, streetscapes, and streets and highways.

Additionally, the firm has successfully completed several thousand private sector projects including residential developments from two to 7,000 acres, industrial and office sites, hotels and theme park facilities, marinas, golf courses, hospitals and medical office complexes, commercial properties, retail shopping centers and franchise properties. The firm has been involved with more than 200,000 acres of project design development in Florida.

Our approach to each project is best characterized by a "partnering relationship". We dedicate ourselves to learning the culture of our clients, and their specific concerns, desires and needs, much like an extension of their own offices. We consistently strive to maintain time schedules and to provide factual and frequent communication. Miller Legg prides itself on its team approach to the interdisciplinary needs unique to the project and client. We provide responsive, personalized, quality service to value-conscious private clients and select government agencies, who desire the very best in planning and design.

## Landscape Architecture Services:

- ✓ *Landscape Design*
- ✓ *Landscape Planning*
- ✓ *Hardscape & Feature Design*
- ✓ *Greenway Design*
- ✓ *Streetscape Design*
- ✓ *Urban Design & Revitalization*
- ✓ *Planting Design*
- ✓ *Irrigation Design*
- ✓ *Signage Design*
- ✓ *Graphic Design & Presentation*
- ✓ *Crime Prevention Through Environmental Design*
- ✓ *Recreation Facilities Design*
- ✓ *Habitat Restoration*
- ✓ *Boardwalk Design*
- ✓ *Arboriculture & Horticultural Consulting*
- ✓ *Project Theming*
- ✓ *Recreational & Commercial Planning*
- ✓ *Contract Administration*
- ✓ *Construction Observation Services*
- ✓ *Plan Review*

## Planning Services:

- ✓ *Land Planning*
- ✓ *Urban Design*
- ✓ *Community Planning*
- ✓ *Parks & Recreation Planning & Design*
- ✓ *CRA & Redevelopment Planning*
- ✓ *Site Planning Design & Processing*
- ✓ *Comprehensive Planning*
- ✓ *Development Plans Review*
- ✓ *Development of Regional Impact (DRI) Studies*
- ✓ *Grant Writing Assistance & Applications*
- ✓ *Land Use Plan Amendments*
- ✓ *Rezoning Applications*
- ✓ *Concurrency Studies*
- ✓ *Due Diligence Studies*
- ✓ *Plat Preparation & Processing*
- ✓ *Community Relations*





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## ***M.G. Vera & Associates, Inc.***

***Manuel G. Vera & Associates Inc. (MGV)*** is qualified as DBE, SBE, MBE and CBE. Our main (Corporate) office is located in Miami-Dade County, our Central Florida office is located in Orange County, and we also have an office in Jupiter, Florida. MGV was established in Miami-Dade County in 1977. Since then, survey and mapping is what we have specialized in and is all we do. In over our 40 years of existence, there has not been a survey task, terrain, or problem we have not seen. MGV is a unique firm, in that it has the capability and technology of our competitors, but our principles are patterned by a family business with a service oriented and sound quality control ideology. This ideology is the foundation for our firm, and the reason MGV is revered as one of the premier survey firms in South Florida. It is one of the main reasons we have maintained an excellent rating from past and present contracts. MGV will always perform our projects to our client's specifications, by meeting and exceeding standards and expectations. This is why we support, as Sub Consultants, hundreds of Engineering and Construction firms throughout the State of Florida. In addition to our Florida Department of Transportation experience with District 4 (Broward, Palm Beach, Martin, St. Lucie and Indian River Counties), District 6 (Miami-Dade and Monroe County), and Florida's Turnpike Enterprise, our firm has been, and is currently, providing Miscellaneous Survey and Right of Way Mapping Services to a number of Cities, Counties, and Municipalities throughout South Florida, as well as State and Federal Agencies such as: South Florida Water Management District, South Florida Rail Transit Agency, All Aboard Florida, FEMA, Miami-Dade Expressway Authority, Miami-Dade Transit, Miami-Dade County, Palm Beach County, Monroe County, City of Miami, City of Doral, City of Miami Gardens, City of Port St. Lucie, City of Key West, and countless of private engineering clients providing survey support for miscellaneous engineering design and design-build projects.



***MGV*** is dedicated and committed to providing excellent service and complete client satisfaction. MGV has a highly-trained staff of professional surveyors and associates with extensive experience in a wide range of surveying and mapping services. Our staff is the foundation of our firm. We employ a staff of over 50 skilled survey personnel. Among these, 8 employees are registered PSM's (which combined, have over two centuries of survey experience), 5 Survey Technicians, and 9 fully staffed and equipped survey crews, in which 3 are SUE capable. MGV's key personnel range from 10 years, to over 30 years of experience in surveying- more importantly, with our firm.

***MGV*** has the ability to perform all survey tasks using either traditional methodologies such as EFB data collection, Electronic Total Stations/levels, hydrographic [sonar/GPS], GPS/RTK, and the latest in 3D Lidar Static Scanning. Recent advances in scanning technologies have opened the door to the future in 3D surveying. MGV was one of the pioneers in the use of 3D laser scanning technology, having purchased our first Scanner in 2004. All our office support staff are well versed and trained in Caice, Microstation & Geopak, AutoCAD Civil 3D, FDOT Hector and EFBP, Pedds, Electronic Signatures and will continue to parallel the industries software advances.



**R.J. Behar**



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Traffic Engineering Services to the CRA for Capital Projects

***We have added Tierra South Florida, Inc. (TSF) on an as needed basis, in case any materials testing is required.*** TSF is a full service consulting geotechnical engineering, construction materials testing and inspections engineering firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction materials testing. TSF operates as an S-Corp. Established in the State of Florida in 2003 and is in good standing with the State of Florida. TSF is 100% owned by Mr. Raj Krishnasamy, PE. TSF's professional team has been working together since 2000, and they are committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. TSF's services also include threshold/special inspection and roofing inspection services. TSF is a certified Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation. TSF is also a certified Minority Business Enterprise (MBE) with the State of Florida's Office of Supplier Diversity.

TSF's staff of 52 includes 5 engineers, 19 field/laboratory technicians and inspectors, as well as drillers and clerical/support staff. Their staff includes principal engineers with more than 28 years of experience in geotechnical, construction, laboratory and field materials testing and inspection services. TSF features Masters Degree level or higher educational background amongst their Registered Professional Engineers and maintain licenses in the State of Florida.



## BASIC SERVICES

**SERVICES** - Geotechnical Engineering: TSF provides a complete range of geotechnical engineering services. Our organization helps define the construction and long-term performance risks associated with subsurface conditions. Whether buildings, airport facilities, transportation systems, landfills, dams, or other civil and private projects, our engineers have the experience and expertise to handle the most technically demanding projects. TSF owns a large, diverse fleet of 8 drill rigs with automatic hammers (truck-mounted, track-mounted, rotary, tripod, ATV, barge/overwater) capable of drilling in challenging conditions including remote, soft, marshy, over-water, difficult access or environmentally sensitive areas. We also employ MOT (Maintenance of Traffic) certified staff to safely perform drilling services in high traffic areas.

TSF's geotechnical services include:

- Laboratory testing and analysis
- Subsurface exploration
- Site preparation recommendations
- Soil reinforcement
- Expert witness testimony
- Value engineering
- Pavement evaluations and design
- Deep and shallow foundation analysis/design
- Slope stability analysis
- Corridor studies
- Sinkhole studies
- Unknown foundation studies

Both TSF labs follow American Society for Testing and Materials (ASTM) and American Association of State Highway and Transportation Officials (AASHTO) standards and their West Palm Beach laboratory is also validated by Florida Department of Transportation (FDOT) and the United States Army Corp of Engineers (USACE). Their field and laboratory technicians hold industry-recognized certifications (ACI/CTQP/PCI/FPCA) for aggregates, asphalt, concrete, and earthwork testing as well as drilled shaft,





# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

augercast pile, and pile driving installation monitoring. TSF's construction materials testing and inspection services include:

- ❖ Soils/aggregates/concrete/masonry/asphalt
- ❖ Earthwork testing and observations
- ❖ Concrete testing and placement observation
- ❖ Masonry, grout, and mortar sampling/testing
- ❖ Asphalt paving monitoring
- ❖ Asphalt plant observations and monitoring
- ❖ MSE wall installation monitoring
- ❖ Pre-stressed yard observations
- ❖ Drilled shaft installation monitoring
- ❖ Pile driving installation monitoring

**Construction Materials Testing:** TSF offers materials engineering, testing and inspection services applicable to the governmental, construction and manufacturing industries. TSF will evaluate and then develop recommendations regarding both existing structures and new construction. During construction, monitoring and quality control services will cover every phase of construction and all materials used. TSF owns and operates two fully equipped in-house soils, concrete, aggregate, and asphalt testing laboratories which follow American Society for Testing and Materials (ASTM) and American Association of State Highway and Transportation Officials (AASHTO) standards, certified by Construction Materials Engineering Council (CMEC). Our West Palm Beach lab is also validated by Florida Department of Transportation (FDOT) and the United States Army Corp of Engineers (USACE). Our field and laboratory technicians hold industry-recognized certifications (ACI/CTQP/PCI/FPCA) for aggregates, asphalt, concrete, and earthwork testing as well as drilled shaft, augercast pile, and pile driving installation monitoring. TSF's construction materials testing and inspection services include:

- Soils/aggregates/concrete/masonry/asphalt
- Concrete testing and placement observation
- Asphalt paving monitoring
- MSE wall installation monitoring
- Drilled shaft installation monitoring
- Earthwork testing and observations
- Masonry, grout, and mortar sampling/testing
- Asphalt plant observations and monitoring
- Pre-stressed yard observations
- Pile driving installation monitoring

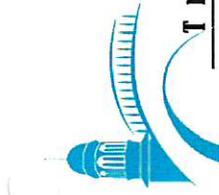
**Building Inspection:** TSF also provides building inspection services to public and private clients; our services include:

- Threshold/special inspections
- Roof installation observations
- Welding inspections
- Floor flatness testing
- Non-destructive testing
- Torque testing and inspections
- Fire proofing testing

## **CAPABILITIES AND EXPERIENCE**

TSF's principals have served as geotechnical engineering consultants to a large variety of clients, both public and private, in the course of our experience. These clients include architects, engineers, contractors, developers, utilities, institutions, schools, military, municipalities, and private enterprise covering commercial and residential entities. Each year TSF completes approximately 350+ projects throughout Florida. These projects range from large, multiple-year duration projects to small, short term projects. Approximately 70% of these projects are for public agencies. Our collective project experience is broad-based covering: buildings, highways, bridges, utilities, communication towers, dams and levees, airport construction, pavement design of municipal airports, sinkhole remediation, ground improvement projects, water supply projects, landfills, slope stabilities analyses, and distressed structure/foundation studies.





# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

## d. LIST AND DESCRIPTION OF SIMILAR MUNICIPAL OR GOVERNMENT PROJECTS WITHIN THE LAST 5 YEARS

### SW 20<sup>th</sup> Street and SW 57<sup>th</sup> Avenue Street Calming

**Client:** City of West Park

**Scope:** RJ Behar was contacted to provide engineering services for traffic calming features at the intersection. Originally a roundabout was evaluated as a solution but was found not to be feasible. A speed table intersection was selected instead, which included the construction of a traffic calming speed table, milling and resurfacing up to the speed table, and drainage. The improvements also included new ADA ramps, concrete curb and gutter, brick pavers, new signage and pavement markings and sod. The work consisted of the preparation of Construction Documents for the improvements, including all the necessary signage and pavement markings, and traffic and pedestrian controls.

**Contact Person:** Mr. Dan Millien  
**Total Contract Value:** \$30,500

### Palm Avenue Final Design

**Client:** City of Lauderhill

**Scope:** The scope included the construction of a pedestrian access to the new Central Broward Regional Park and the future Performing Arts Center and Library. The project includes the installation of roadway lighting along SR-7 and decorative pedestrian lighting. Additional improvements included milling and resurfacing, installation of decorative stamped concrete and asphalt, lighting, landscaping, and street furniture. The installation of concrete sidewalk/pedestrian path connecting to the park facilities and the installation of decorative pavers, street furniture, and decorative crosswalks at the intersection. This was a FDOT Local Agency Program (LAP) Project. RJ Behar performed the design, quality assurance review of the plans, permitting and coordination with the respective agencies, and post design services to ensure the improvements were constructed in accordance with the design.

**Contact Person:** Mr. Martin Cala  
**Total Contract Value:** \$65,601.00, Construction Cost: \$430,000

### Tressler Street Drainage Improvements

**Client:** City of North Miami

**Description of Work:** RJ Behar was contracted to provide design services that will upgrade the existing infrastructure along Tressler Street, based on the recommendations provided in the City's Stormwater Master Plan. The subject improvements will include upgrading existing drainage infrastructure by installing exfiltration trenches, solid piping, installation of new catch basin structures with baffles, regrading of swale areas, replacement of existing hand built catch basins, swale retrofit, and other Best Management Practices (BMPs). The proposed improvements will aim at eliminating flooding for 25-year critical events and reduce 100-year critical events and help reduce the pollutant loading in the area. RJ Behar was responsible for the design analysis, drainage report, plans preparation, estimates, utility coordination, permitting, and bid assistance.

**Contact Person:** Mr. Chuks Okereke, PE  
**Total Contract Value:** \$40,300, Construction Cost: \$550,000 (Est.)

### NE 3<sup>rd</sup> Avenue from NE 54<sup>th</sup> Street to NE 58<sup>th</sup> Terrace

**Client:** City of Miami

**Description of Work:** RJ Behar is providing all project management, investigation, analysis, permitting, utility coordination, and civil engineering services necessary for roadway reconstruction and drainage improvements. The scope includes: roadway reconstruction, drainage improvements, replace existing auger holes or slab cover trench, regrading swale areas with "Turf Blocks" and asphalt as needed, swale restoration, replacement of damaged curb and/or curb & gutter, new curb and gutter, replacement of damaged sidewalks and driveway approaches, ADA ramps where applicable, new sidewalk where required, install Type "F" curb on landscape islands as needed, new signing & pavement markings, and minor landscaping. The project also includes design of an 8-inch ductile iron waterline, which includes stub outs at all side streets, Fire hydrants every 500', and service connections.

**Contact Person:** Mr. Manuel (Manny) Mejido  
**Total Contract Value:** \$124,000

**d. LIST AND DESCRIPTION OF SIMILAR MUNICIPAL OR GOVERNMENT PROJECTS WITHIN THE LAST 5 YEARS**

**Sample Road Beautification Project**

**Client:** City of Pompano Beach

**Scope:** This project, which was funded by a grant from the Florida Highway Beautification Council, consisted of the installation of an irrigation systems, replacement of sod, and removal/installation of trees and shrubs. RJ Behar was contracted to observe the Contractor's work, identify discrepancies, report significant discrepancies to the City, and direct the Contractor to correct such observed discrepancies. RJ Behar monitored the Contractor's on-site construction activities and inspected materials entering into the work in accordance with the contract, including but not limited to the plans, specifications, technical specifications and special provisions to determine that the project was constructed in reasonable conformity with such documents. RJ Behar attended progress meetings, kept records of the work progress and submittals, reviewed payment requests, reviewed schedules, processed requests for additional information, assisted with utility coordination and completed substantial and final inspections.

**Contact Person:** Mr. Robert A. McCaughan

**Total Contract Value:** \$42,570 Construction Cost: \$415,000

**US-1/Federal Highway Beautification Project Local Agency Program (LAP)**

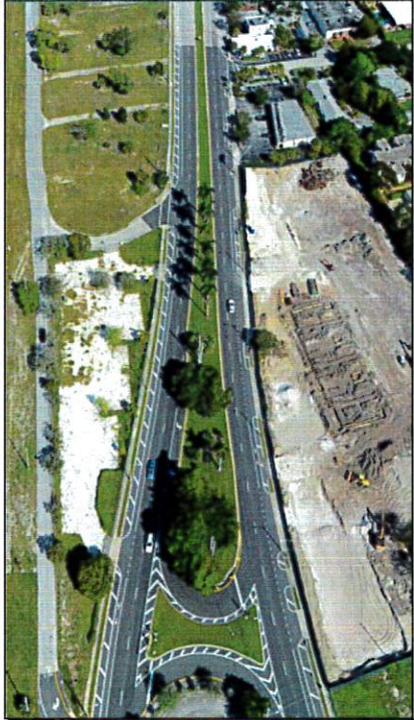
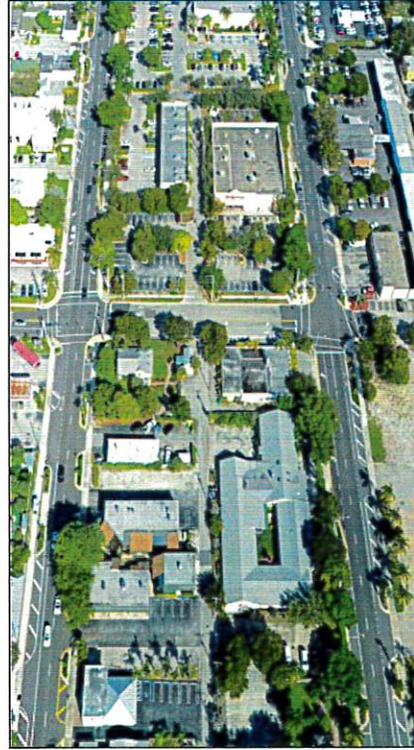
**Client:** City of Delray Beach/FDOT District 4

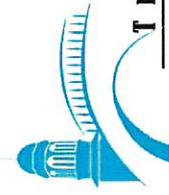
**Scope:** This was a construction project between the City of Delray Beach and FDOT, District 4. The project was 2.4 miles in length. The scope of the work included widening for a street parking area, the addition of a 4' bike lane and a new left turn lane; also the project called for new sidewalks, curbs and gutters, decorative lighting, and sod placement. Construction also included water main upgrades. The remainder of the project consisted of milling & resurfacing, some overbuild areas, pavement markings, drainage modifications, construction of bulb-outs in the radius returns of the side streets, sidewalks, curbs, and gutters. Landscaping and irrigation was located in the "Bump-Outs" within the milling and resurfacing portion of the project. RJ Behar was responsible for construction management, preparing daily inspection reports, ensuring the contractor followed the TTCP, attending all progress meetings, inspecting all construction performed on this project; responsible for the progress and final estimates, processing contract changes, EEO compliance, and finalizing all paper work for the project.

**Contact Person:** Timothy Tack, PE

**Total Contract Value:** \$1,443,471.25, Construction Cost: \$12,486,967.77

**US-1/Federal Highway Beautification Project**





# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

## d. LIST AND DESCRIPTION OF SIMILAR MUNICIPAL OR GOVERNMENT PROJECTS WITHIN THE LAST 5 YEARS

### Districtwide Traffic Operations/Safety Studies

**Client:** FDOT, District 6

**Scope:** RJ Behar was contracted to provide traffic engineering services for Traffic Operations/Safety Studies. The general purpose of this contract is to provide the Department with professional services through the development of various traffic operations and safety studies that will be identified for intersections, arterials, etc., and related improvements recommendations and evaluations. All reports/studies are signed and sealed by a professional engineer registered in Florida whose area of specialization is traffic engineering. As of March 2016, RJ Behar has successfully completed 58 task work orders. Assignments include: Crash Analysis, Highway Lighting Study, Fatal Crash Review, Intersection Safety and Traffic Operations Study, Roadway Lighting Field Inventory, Speed Data Collection, Spot Speed Study and Safe Curve Speed Study, Vehicle Gap Analysis, Traffic Data Collection, Road Safety Audit, Intersection Quality Assessment Study, Intersection Improvements, Traffic Signal Warrant Analysis.

**Contact Person:** Mr. Khalil Maarouf

**Total Contract Value:** Varies per work order

### Traffic Data Collection NW 107<sup>th</sup> Avenue, NW 12<sup>th</sup> Street

**Client:** FDOT, District 6

**Scope:** The purpose of this TWO was to collect vehicular volume counts and obtain travel time/delay data. Collected data will be used in traffic signal retiming tasks for Miami-Dade County. The data information was collected as follows:  
7-days bi-directional traffic volumes summarized by hourly intervals;  
10-hrs intersection turning movement counts (TMCs) during typical weekdays (Tuesday, Wednesday, Thursday);  
6-hrs TMCs at 12 intersections were collected on Saturday and/or Sunday; and  
Travel time and delay data were collected during the TMCs hours.

**Contact Person:** Mr. Khalil Maarouf

**Total Contract Value:** \$57,918.14

### NE 151<sup>st</sup> Street Feasibility Study

**Client:** Miami Dade County Public Works and Waste Management Department

**Scope:** RJ Behar performed a Feasibility Study for the expansion of NE 151<sup>st</sup> Street from the existing 4-lane divided roadway to a 6-lane divided roadway. The study limits were from Biscayne Boulevard/US-1 heading east to Bay Vista Boulevard. The feasibility study evaluated 4 alternatives to provide the proposed 6-lane divided roadway: Alternative No. 1 involved widening the existing 4-lane section to the north; Alternative No. 2 involved widening the existing 4-lane section to the south; Alternative No. 3 involved a symmetrical widening to both the north and south sides; Alternative No. 4 involved reconstruction of the entire roadway as a new 6-lane divided section. Alternative No. 1 was the most feasible based on our investigation that took into account the environment, traffic engineering, right of way acquisition costs, construction costs and future growth and development of the community within the project area.

**Contact Person:** Ms. Lana Moorey, PE

**Total Contract Value:** \$42,576.00, Construction Cost: \$4,647,480 (Est.)

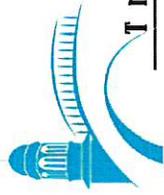
### Donald Ross Road/I-95 Interchange Operational Analysis Report (IOAR)

**Client:** FDOT, District 4

**Scope:** RJ Behar developed an IOAR for I-95 at Donald Ross Road to assess the existing (2010) and future traffic operations of the interchange and developed improvement recommendations to address the identified deficiencies. The study covered a No-Build scenario and 3 alternative improvement scenarios, including a Transportation System Management (TSM) Alternative for the following years: 2018, 2023, and 2028. RJ Behar successfully completed an IOAR at the interchange of I-95/Donald Ross Road. The IOAR identified projects that significantly improved safety and operations. The study received approval by FDOT and the Federal Highway Administration (FHWA).

**Contact Person:** Mr. Julio Delgado, PE

**Total Contract Value:** \$88,061.87



# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

## d. LIST AND DESCRIPTION OF SIMILAR MUNICIPAL OR GOVERNMENT PROJECTS WITHIN THE LAST 5 YEARS

### Central Broward Water Control District Engineer Services

**Client:** Central Broward Water Control District

**Scope:** Under this contract, RJ Behar serves as one of two firms who serve as District Drainage Engineers (DDE). As DDE, RJ Behar reviews plans, applications for water management work permits, paving and drainage plans, as-built plans, and permit renewal applications for conformance with the District's drainage regulations, standards, procedures, and design criteria. RJ Behar also provides other services including drainage criteria, manual updates, special studies, data collection and monitoring, computer modeling, geographic information systems, master planning, design, permitting, cost estimating, construction inspection services, facilities financing, facilities operations and other services as directed by the District. Permit reviews are conducted and verified against District criteria. RJ Behar also participates in the District Board Meetings as representative to the District. For this contract the deliverables mostly consist of comments to submitted permit packages. The responses are reviewed with senior engineers before submittal to the client. On complex reviews, peer review and consultation is also conducted to verify criteria and hydrologic-hydraulic analyses. All of the schedules, budgets, and deliverables were monitored using spreadsheets and scheduling software. Tasks are completed within the time and budgets allocated.

**Contact Person:** Mr. Mike Crowley

**Total Contract Value:** Varies



### SR-7/SW 36<sup>th</sup> Streetscape Final Design Island Park

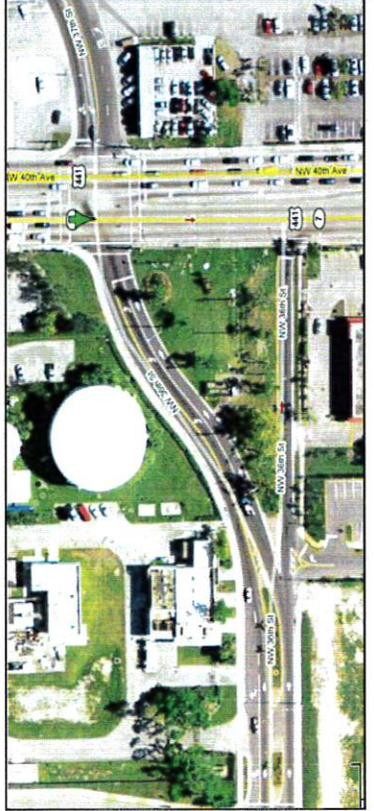
**Client:** City of Lauderdale Lakes

**Scope:** The project site is located in the City of Lauderdale Lakes, Florida at the intersection of SR-7/US-441 and NW 36<sup>th</sup> Street just north of West Oakland Park Boulevard. The site is a large triangular shaped splitter island that is created by SR-7/US-441 on the east, 36<sup>th</sup> eastbound to the south and 36<sup>th</sup> east and westbound to the north. The project site is approximately 0.3 acres. The scope of the project included a hardscape, landscape and irrigation construction documents. The scope also included a Conceptual Phase, which developed several alternatives for the City's review.

**Contact Person:** Mr. Philip Ayllene

**Total Contract Value:** \$270,000

### SR-7/SW 36<sup>th</sup> Streetscape Final Design Island Park



**d. LIST AND DESCRIPTION OF SIMILAR MUNICIPAL OR GOVERNMENT PROJECTS WITHIN THE LAST 5 YEARS**

**Palm Avenue Final Design – City of Hialeah**

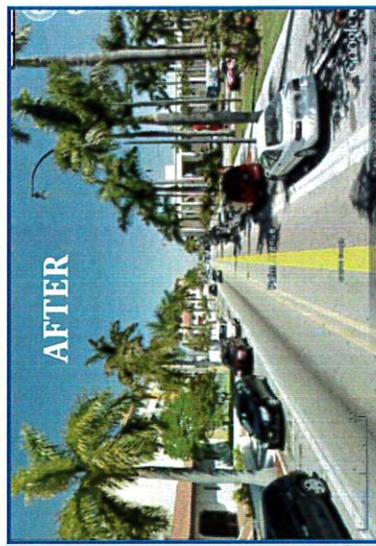
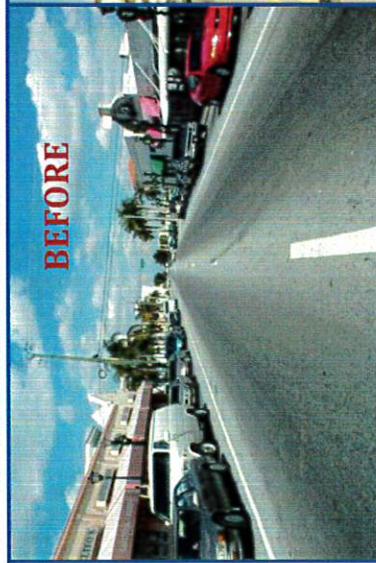
**Client:** City of Hialeah

**Scope:** The scope of the project included reconstruction of approximately 1.5 miles of Palm Avenue, from Okeechobee Road to 21<sup>st</sup> Street, converting Palm Avenue from a one-way street to a two-way street. The project required the modification of the existing sidewalk widths, lane widths and signal modifications at Okeechobee Road, 3<sup>rd</sup> Street, 5<sup>th</sup> Street, 9<sup>th</sup> Street and 21<sup>st</sup> Street. The project included streetscape, drainage design, permitting, marking and signing plans and signal plans. The design incorporated new urban design features to Palm Avenue.

**Contact Person:** Mr. Jose Sanchez

**Total Contract Value:** \$250,000, Construction Cost: \$3,800,000

**Palm Avenue Final Design**





# **RFQ CRA 17-020**

**Traffic Engineering Services to the CRA for Capital Projects**

## **e. LITIGATION HISTORY WITHIN THE LAST FIVE (5) YEARS**

September 18, 2017

R. J. Behar & Company, Inc. has not been involved in any contract defaults, liens or other litigations in the past five years. RJ Behar, its principals, and officers have never been debarred or suspended from bidding by any government during the past five years or since the firm's inception.





# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

## f. KEY STAFF SIMILAR EXPERIENCE AND EDUCATION

We have assembled a team of highly qualified individuals to work on this project. The RJ Behar' team is composed as follows:

### **ROBERT J. BEHAR, PE - Principal in Charge**

Education: BS Civil Engineering/1974/ ME Civil Engineering/1975

Registration: PE Florida License No. 21755/1980

Mr. Behar began his engineering career in 1977 with the Florida Department of Transportation, and has over 41 years of experience in the planning, design and management of transportation projects nationwide. He has worked on projects for many municipalities throughout South Florida. He is RJ Behar's President and oversees the firm's full operation. Mr. Behar was an original member and helped developed the ASCE publication, Context Sensitive Highway Design Principles. He is currently a member of the Advisory Committee for the development of the Florida Green Book. His projects with RJ Behar include: *Young's Circle Improvements, Broward County, FL – Florida Department of Transportation (FDOT), District 4, NW 87th Avenue, Miami-Dade County, Florida – FDOT, District 6; Traffic Data Collection-Okeechobee Road / NW 103<sup>rd</sup> Street / Hialeah Gardens Boulevard, Miami-Dade County, FL; Roundabout and Speed Tables at NW 34<sup>th</sup> Avenue and NW 5<sup>th</sup> Street, City of Lauderhill, FL*

### **RAFAEL DE ARAZOZA, PE, PTOE, CPM - Project Manager**

Education: ASCET Miami-Dade College, Miami, FL, 1972, BSCET, Florida International University, Miami, FL, 1975, Florida State University/FDOT, Certified Public Manager (CPM) 1989

Registration: PE Florida License No. 24487/1980

Mr. De Arazoza has 40 years of transportation planning and traffic engineering experience. Mr. De Arazoza experience includes supervising and providing technical guidance and support to transportation planning, roadway design and traffic engineering personnel throughout his career. He provided and continues to provide management and technical support for traffic engineering and safety studies, transportation planning, land use planning, including public involvement and coordination with local governments. He provided quality assurance and quality control on all of the above activities. He has worked in both private and governmental agencies, including FDOT and Broward County. Mr. De Arazoza has held many high level management positions throughout his career. He is well-versed in traffic engineering and roadway design standards and procedures. His projects with RJ Behar include: *Traffic Data Collection-Okeechobee Road / NW 103<sup>rd</sup> Street / Hialeah Gardens Boulevard, Miami-Dade County, FL; Traffic Engineering/Transportation Planning Services, City of Doral, FL; NW 52<sup>nd</sup> Street (NW 107<sup>th</sup> Avenue and NW 97<sup>th</sup> Avenue) Traffic Calming Study, City of Doral, FL*

### **JUAN H. VAZQUEZ, PE, PH, BCEE - Vice-President/ Drainage Design/Water & Sewer**

Education: BS Civil Engineering/1985

Registration: PE Florida License No. 51143/1996

Mr. Vazquez has more than 32 years of civil engineering experience including: preparation of stormwater master plans, drainage studies, and street improvements. He has designed highways, interchanges, intersections (both urban and rural), prepared pavement designs, transportation studies, hydrologic-hydraulic and scour studies, utility relocations, etc. Mr. Vazquez is a Professional





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Hydrologist (PH) and a Board Certified Environmental Engineer (BCEE) specializing in water supply and waste water. For the ninth year in a row, Mr. Vazquez is in the "Who's Who book of Environmental Engineering, 2011". He is currently the past president of the Association of Engineers and Land Surveyors of Puerto Rico, Florida Chapter. His sampling projects include: *SE 1<sup>st</sup> Street, SE 1<sup>st</sup> Place, SE 2<sup>nd</sup> Place and SE 3<sup>rd</sup> Place, Hialeah, FL; NW 8<sup>th</sup> Avenue, Miami-Dade County, Florida – Florida Department of Transportation (FDOT), District 6*

## **CARLOS MAZORRA, PE - Roadway Design/Traffic Signal/Timing & Design Plans Review**

Education: BS Civil Engineering/1983

Registration: PE Florida License No.42653/1990

At RJ Behar, Mr. Mazorra is responsible for the design, project management and quality control for the Company's Highway Group. He has 29 years of experience. Mr. Mazorra has designed roadway signal plans in collaboration with traffic engineering and structural engineering personnel. He also has 11 years of experience as an FDOT employee and knows the policies and needs of the FDOT from both a technical and managerial perspective, and can thereby assure the success of any project. His projects with RJ Behar include: *NW 8<sup>th</sup> Avenue, Miami-Dade County, Florida – Florida Department of Transportation (FDOT), District 6; West Avenue Neighborhood Improvement Project, Miami-Dade County, FL – City of Miami Beach; Districtwide Consultant Plans Review/Support Services, Fort Lauderdale, Florida – FDOT D4*

## **SEAN F. O'KEEFE, PE - Roadway Design/Traffic Engineer & Transportation Planning**

Education: BS Civil Engineering/1981

Registration: PE Florida License No. 41766/1989

Mr. O'Keefe has more than 35 years experience in project management, planning, design and construction of large civil engineering design and transportation projects. He has integrated an effective blend of traffic analysis and traffic operations improvements in all of his projects, including signing, striping and signalization. Many of his projects have involved feasibility, environmental investigations and planning studies as well as value analysis of alternatives. He is a Professional Planner certified in the State of New Jersey. His sampling projects include: *NW 8<sup>th</sup> Avenue Traffic Study, Miami-Dade County, Florida – FDOT, District 6; NW 10<sup>th</sup> Avenue Feasibility Study – Miami-Dade Public Works; I-75/Griffin Road Interchange Traffic Study, Broward County, Florida – FDOT, District 4*

## **DAVID G. ROMANO, PE - Construction Management/Construction Engineering & Inspection**

Education: BS Civil Engineering/1993/ MS Construction Management/1995

Registration: PE Florida License No. 63817/2006

Mr. Romano has over 20 years of experience specializing in the areas of Construction Engineering, Inspection, and Management. His knowledge includes all facets of CEI responsibilities including the oversight of construction operations, administration, public relations, quality control, final estimates, and claims analysis. His representative projects include: *Davie Road Phase II - Local Agency Program (LAP) Construction Engineering and Inspection (CEI) Services, Town of Davie, FL; SE 15<sup>th</sup> Ave. Bridge Replacement, Local Agency Program (LAP) Project, Fort Lauderdale, FL; W. 16<sup>th</sup> Avenue from W. 76<sup>th</sup> Street to W. 84<sup>th</sup> Street, Local Agency Program (LAP) and American Recovery and Reinvestment Act (ARRA) Project, Hialeah, FL*





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## **HANS MURZI, PE - Drainage Design, Permitting**

Education: BS Chemical Engineering, University of Los Andes, Merida, Venezuela/2000

MS Environmental Engineering, Florida International University/2002

Registration: PE Florida License No. 67767/2008

Mr. Murzi is a water resources engineer with 15 years of experience including hydrologic and hydraulic analysis and modeling of rivers and flood control systems, natural resources restoration projects, and watershed management. Also, rural and roadway drainage design, drainage field inspections, drainage plan reviews and QA/QC of water resources models and drainage reports. The experience includes use of several computer programs such as XPSWMM, HEC-RAS, AdICPR, MIKE SHE/MIKE 11, ASAD, ArcGIS. Mr. Murzi is a Certified Floodplain Manager. He is also member of the FICE Water Resources Committee. His representative projects include: *NW 87<sup>th</sup> Avenue, Miami-Dade County, Florida – Florida Department of Transportation (FDOT), District 6; Districtwide In-House Consultant Plans Review/Support Services, Fort Lauderdale, Florida – FDOT D4; Miscellaneous Drainage Projects, City of Doral, FL*

## **MARLIN SCATTOLINI, PE - Roadway Design/Civil Site Planning/Traffic Signal Timing & Design**

Education: BS Civil Engineering/2006

Registration: PE Florida License No. 80723,10/2015

Ms. Scattolini has more than 11 years of experience in a wide range of civil and transportation projects. At RJ Behar, Ms. Scattolini is in charge of design and plans preparation of roadway projects, drainage plans, signing and pavement marking plans, lighting plans, signalization plans, as well as preparation of permitting packages. She has also designed and prepared plans for sites and parking lots. She has experience in municipal, county projects as well as Florida Department of Transportation (FDOT) roadway projects. For more than 7 years, she has been the main plans engineer reviewer for a Plans Review Contract in FDOT, District 4. She has performed utility coordination and obtained utility schedules and coordinated resolution of utility conflicts. She has experience with the design of French drains and stormwater collection systems. She has received commendations from many of her clients. Her projects with RJ Behar include: *NW 87<sup>th</sup> Avenue, Miami-Dade County, Florida – Florida Department of Transportation (FDOT), District 6; SR-5 /US-1/Biscayne Boulevard Resurfacing from NE 199<sup>th</sup> Street to NW 213<sup>rd</sup> Street – FDOT D6; SE 1<sup>st</sup> Street, SE 1<sup>st</sup> Place, SE 2<sup>nd</sup> Place and SE 3<sup>rd</sup> Place, Hialeah, FL*

## **PAOLA RIVEROS, PE - Drainage Design/Permitting**

Education: BS Civil Engineering/2001

Registration: PE Florida License No. 74249/2012

Ms. Riveros has been responsible for the preparation of roadway plans, drainage plans and site plans throughout South Florida. She has assisted in drainage design of stormwater management projects as well as roadway design. She has also performed construction cost estimates for improvements that included street construction, buildings construction, and landscaping projects. At RJ Behar, Ms. Riveros is responsible for support in drainage and permitting projects. She has drafted and performed revisions to site, utility, drainage, and landscaped plans. Ms. Riveros has more than 16 years of experience. She has managed the production of and coordinated with other junior engineers and technicians on several FDOT projects. She has managed the production of and





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coordinated with other junior engineers and technicians on several FDOT projects. Her projects with RJ Behar include: *NW 87<sup>th</sup> Avenue, Miami-Dade County, Florida – Florida Department of Transportation (FDOT), District 6; Hollywood Boulevard (SR-820) from SR-A1A to US-1 – FDOT District 4; I-95 at 6<sup>th</sup> Avenue Interchange PD&E, Lake Worth, Florida, Florida Department of Transportation (FDOT), District 4*

## **JASMANI RIVERON, PE - Roadway Design**

Education: M.S. Civil Engineering, Florida International University, College of Engineering, Miami, 2009/B. S. Civil Engineering, Florida International University, Miami, Florida, August 2008

Registration: PE Florida License No. 73798/2011

Mr. Riveron has 8 years of experience in civil engineering, permitting, budgeting and construction management. He has been Project Engineer responsible for roadway, signing and marking, utility coordination, drainage plans and permitting for roadway projects. He has worked on a 10 story commercial office building, applying for gold LEED certification, oversaw the completion of the project within budget and without scheduling constraints and coordinated the activities of the construction team, architects, engineers and vendors. He has assisted in scheduling and obtaining bids for numerous construction projects, obtained permits and legal documents for various developments. His representative projects include: *Hatton Highway Bridge over PDD Main Canal, Palm Beach County, FL – Palm Beach County Department of Engineering & Public Works Division of Roadway Production; Northlake Boulevard Water and Sewer, City of West Palm Beach, FL – Palm Beach County Department of Engineering & Public Works Div. of Roadway Production*

## **JAVIER BEJARANO, PE - Construction Management/Construction Engineering & Inspection**

Education: BS Civil Engineering/1998

Registration: PE Florida License No. 63830/2005

Mr. Bejarano has 18 years of construction engineering experience working for the Florida Department of Transportation, District IV Broward Operations Office. He has performed duties as a Project Manager and Project Administrator. His responsibilities in these roles included: visiting the assigned projects and monitoring the CCEI to ensure that construction project administration was in accordance with contract documents, the Construction Project Administration Manual (CPAM) department policies and procedures were being adhered to, ensured quality control and quality assurance in accordance with the Department's procedures; provided guidance on plan errors, field changes, extra work, and contract and procedure interpretations. His representative projects include: *Pine Island Road from Nova Drive/SW 24<sup>th</sup> Street to SR-84/I-595, Broward County, FL - Broward County Highway Construction & Engineering; Palm Beach Operations Task Work Order Contract, Florida Department of Transportation, District 4*

## **ELMER CARDENAS, PE - Drainage Design**

Education: M.S. Environmental Engineering, Florida International University/2001

B.S. Civil Engineering, National University of Engineering, Lima, Peru/1984

Registration: PE Florida License No. 62988, 2005; Certified Environmental Inspector, Environmental Assessment Association, EA-17007

Mr. Cardenas has 30 years of engineering experience. Mr. Cardenas is responsible for design and plans preparation for civil engineering and water resource projects. He has extensive experience in environmental engineering and utility projects and has designed and supervised construction of





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water distribution systems and drinking wells. He has experience with the use of Environmental models: SWMM (storm water management model), and HSSM (hydrocarbon spill screening model) and hydraulic models AdICPR, ASAD and HEC-RAS. His representative projects include: *I-95 at 6<sup>th</sup> Avenue Project Development & Environmental Study (PD&E), Palm Beach County, FL – FDOT, District 4; SR-997/Krome Avenue from SW 312<sup>th</sup> Street to SW 296<sup>th</sup> Street, 3R - Miami-Dade County, FL – FDOT, District 6*

## **KIRA LEON, EI - Drainage Design/Civil Site Planning/Traffic Data Collection**

Education: BS Civil Engineering/2013

Registration: Engineer Intern #: 1100018213/2014

Ms. Leon has 4 years of engineering experience. Ms. Leon has worked on preparation of drainage plans for FDOT projects and municipalities, and with water and sewer plans for neighborhood improvement projects. She has reviewed shop drawings, performed water line testing observations and completed design revisions during construction. She also has experience with canal/open channel rehabilitation and revetments. She worked on PD&E projects in the conceptual drainage design and conceptual plans. At R.J. Behar & Company, Inc., she is currently preparing plans in Microstation and AutoCad. She is proficient in Microsoft Word, Excel, and Publisher. Some of her project experience includes: *NW 87<sup>th</sup> Avenue, Miami-Dade County, Florida – Florida Department of Transportation (FDOT), District 6; Billie Johns Street Roadway Improvements – Seminole Tribe of Florida; City of Lauderdale Lakes Canal System Stabilization Project, Broward County, Florida - City of Lauderdale Lakes*

## **MICHELLE LEON, EI - Construction Engineering & Inspection/Civil Site Planning**

Education: BS Civil Engineering/2012

Registration: Engineer Intern #: 1100019645/2016

Ms. Leon has 4 years of engineering experience. Ms. Leon is a young engineer currently responsible for construction engineering inspection for infrastructure projects, which includes reviewing the contractor's operations, field measurements, recording changes made during construction, reviewing and approving as-built conditions and documentation of construction progress on a daily basis. She is responsible for documenting the construction progress with daily reports in the Primavera Expedition and Lynx systems. She is proficient in Microsoft applications including: Word, Excel and PowerPoint, also proficient in AutoCAD and AutoCAD 3D. She has also prepared plans using Microstation and GeoPak. Some of her project experience includes: *NW 35<sup>th</sup> Avenue Greenway Enhancement, Broward County, FL – City of Lauderdale; Gilbert Samson Ocean Front Park, Miami-Dade County, FL – City of Sunny Isles Beach; SW 212<sup>th</sup> Street Drainage CEI Services, Miami-Dade County, Florida -Town of Cutler Bay*

## **JOSEPH EDWARDS, EI - Drainage Design**

Education: MS Engineering Management with Structural/Wind/Construction/2014

BS Civil Engineering, Florida International University/2012

Registration: Engineer Intern #: 1100019624/2015

Mr. Edwards is a young engineer currently working in design and plans preparation for miscellaneous civil engineering projects. Mr. Edwards has 3 years of experience; he has been involved in public





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works engineering and project management operation projects. He has been involved in the analysis of seawalls of various marine facilities, bridge rehabilitation maintenance, drainage control structures design, inspections, and overseeing construction management projects. His representative projects include: *Lyons Park Neighborhood Improvements Project - City of Pompano Beach; Canal System Stabilization Project - City of Lauderdale Lakes*

## **RENATO ALVA, EI - Traffic Signal Timing & Design/Traffic Studies & Data Collection**

Education: BS Civil Engineering/2015

Registration: Not Applicable

Mr. Alva has studied transportation engineering and understands the concepts of designing highways and roads, including marking and signing, traffic engineering analysis, traffic signals and roadway geometrics. He is familiar with the pavement design including using the AASHTO and FDOT Pavement Design Manuals for the proper design of highway and roads. Mr. Alva has learned the art of designing concrete structures including beams, columns, concrete slabs, etc. His representative projects include: *Districtwide Traffic Operations/Safety Study Reviews, Miami-Dade County, FL - Florida Department of Transportation (FDOT), District 6; I-95 and 6<sup>th</sup> Avenue PD&E Study, Palm Beach County, FL - FDOT, District 4*

## **RICHARD BOLT - Civil Site Planning/Permitting/Construction Management**

Education: BS Building Construction/1978

Registration: PE MD No. 14562; PE VA No. 16025; PE DC No. 8214; SBCCI Building Inspector

Mr. Bolt has over 38 years of experience. He has extensive multi-disciplined experience in; civil, structural, and construction engineering and administration, architectural design, inspections, general contracting and custom computer applications. Mr. Bolt's responsibilities include construction management and observations, Computer-Aided Design (CAD), calculations for site layout, grading and paving, storm drainage, water systems and sanitary sewer systems. In addition, Mr. Bolt reviews shop drawing submittals, to be in compliance with construction documents, performs field inspections in order to monitor contractor performance, and estimates construction costs. During his career, his successful completion of numerous municipal projects, demonstrates his skillful and effective management for difficult and complex projects. His representative projects include: *Davie Road Beautification Project - Town of Davie, Florida (Community Redevelopment Agency); W. 29<sup>th</sup> Street 3R Safety Review (From Okeechobee Road to W. 4<sup>th</sup> Avenue) - City of Hialeah, Florida*

## **SUGEILY PATXOT - Drainage Design**

Education: BS Civil Engineering/2007

Registration: Not Applicable

Ms. Patxot has 10 years of experience working on a range of water resource projects. At RJ Behar, She is responsible for plans preparation, performing calculations, permitting, and design of drainage systems. She has worked in preparation of drainage projects as well as designing construction plans for sanitary sewers. Some of her project experience includes:

*Safe Routes to School, Miami-Dade County, Florida - Town of Cutler Bay; Sample Road Beautification Project, Broward County, Florida - City of Pompano Beach*





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## **HERNANDO SEGURA - Civil Site Planning**

Education: Mechanical and Architecture Drafting, LACC, Los Angeles, Ca 1983-1985

Design University Jorge Tadeo Lozano, Bogota Colombia 1979-1980

Registration: Not Applicable

Mr. Segura has over 29 years of experience in civil engineering, survey and mapping projects throughout California and Florida. He is also experienced in municipal land development (commercial and residential) and roadway projects using CALTRANS and FDOT standards. He has prepared plans for pump stations, control structures and drainage projects. At RJ Behar, Mr. Segura produces complete sets of construction plans on all types of civil engineering projects. His representative projects include: *Roundabout and Speed Tables at NW 34<sup>th</sup> Avenue and NW 5<sup>th</sup> Street, City of Lauderhill, FL, Florida; SR-5/US-1/Biscayne Boulevard Resurfacing from NE 199<sup>th</sup> Street to NW 213<sup>rd</sup> Street – FDOT D6*

## **NANETTE AKYAZ - Roadway Design**

Education: A. A. Degree Broward Community College, Davie, Florida, 1992

Registration: Not Applicable

Ms. Akyaz has over 16 years of experience. At RJ Behar, She kyz is our teams' most experienced highway designer. She has experience in design and plans preparation for large highway engineering projects, using MicroStation and Geopak software. Her design skills include development of complex highway alignment, integrating drainage and utility information, digital plan submittals and participation in plan review and quality control efforts using District 4's ERC module. Some of her project experience includes: *SR-5/US-1/Biscayne Boulevard Resurfacing from NE 199<sup>th</sup> Street to NW 213<sup>rd</sup> Street – FDOT D6; NW 87<sup>th</sup> Avenue, Miami-Dade County, Florida – Florida Department of Transportation (FDOT), District 6*

## **STACY SOOKDEW-SING - Construction Management/Construction Engineering & Inspection**

Education: High School Graduate, North Miami Senior High School

Registration: TIN #: S23278171

Ms. Sookdew-Sing has 11 years of experience, performing office support functions as a Resident Compliance Specialist (RCS), as well as a Public Information Officer on a variety of projects throughout Broward and Palm Beach Counties. As a result of her knowledge and experience, with reference to Federal-Aid requirements and procedures, she has been delegated to several Federal-Aid Administrative assignments. Ms. Sookdew-Sing verifies accuracy of contractors/ subcontractors certified payrolls, reviews and updates Equal Employment Opportunity and Affirmative Action (EEO/AA) files with date sensitive paperwork. Furthermore, she monitors On-The-Job-Training (OJT) schedules and personnel, while searching for opportunities to facilitate proper training requirements. In addition she assisted a Contractor in complying with EEO/AA requirements in a timely and efficient manner. Some of her project experience includes: *Davie Road Phase II - Local Agency Program (LAP) Construction Engineering and Inspection (CEI) Services, Town of Davie, FL; NE Second Avenue Seacrest Beautification from NE 4<sup>th</sup> Street/Lake Ida Road to George Bush Boulevard, Palm Beach County, FL – City of Delray Beach; NW 35<sup>th</sup> Avenue Greenway Enhancement, Broward County, FL – City of Lauderhill*





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## **DALTON POLANCO, PE - Construction Engineering & Inspection**

Education: BS Civil Engineering/1998

Registration: Engineer Intern #: 1100003005/1998; TIN #: P452165530450

Mr. Polanco has over 21 years of experience in the supervision, inspection, testing and design of roadway, utilities and building projects. He has worked on water works, transportation, geotechnical and environmental projects. His experience includes: *SR-821/HEFT Widening from North of SW 72<sup>nd</sup> Street/Sunset Drive to North of SW 40<sup>th</sup> Street/Bird Road MP 21.949 to MP 24.033, Miami-Dade County, Florida – Miami-Dade Expressway Authority; SE 15<sup>th</sup> Avenue Bridge Replacement Construction Engineering Inspection- Fort Lauderdale, FL*

## **HUMBERTO SOTERAS - Construction Engineering & Inspection**

Education: Farleigh Dickinson University, 1981

Registration: TIN #: S362320603360

Mr. Soteras has over 26 years experience in Construction Engineering and Inspection. He has worked as a consultant and directly for the Florida Department of Transportation's District 4 Construction. His many years of experience, field skills, dedication and knowledge of final estimates and project documentation are a great asset to any project. His experience includes: *Wiles Road from West of Rock Island Road to SR-7 / US-441, Broward County, Florida - Broward County Highway Construction & Engineering; SW 196<sup>th</sup> Avenue/Pembroke Road Design Build, Pembroke Pines, Florida – City of Pembroke Pines*

## **MICHAEL OWENSBY - Construction Engineering & Inspection**

Education: High School High School Diploma

Registration: TIN #: O521547684070

Mr. Owensby has over 25 years of experience. He has worked as a Senior Roadway Inspector and Senior Bridge Inspector on numerous projects for the Florida Department of Transportation, District 4, District 6, District 5, District 1, as well as the Turnpike and the Miami-Dade Expressway Authority. His responsibilities include the inspection of milling and resurfacing, signalization, drainage, lighting, landscaping, minor and major bridge widening, ADA improvements, traffic railing and guardrail. His experience includes: *Pine Island Road from Nova Drive/SW 24<sup>th</sup> Street to SR-84/I-595, Broward County, FL - Broward County Highway Construction & Engineering; SW 212<sup>th</sup> Street Drainage CEI Services, Miami-Dade County, Florida -Town of Cutler Bay*

## **LOGAN FASANELLA - Construction Engineering & Inspection/Traffic Studies/Data Collection**

Education: A.A. Culinary, Art Institute of Tampa, Tampa, Florida

Registration: TIN #: F254533883350

Mr. Fasanella has over 6 years of experience. Mr. Fasanella is currently working as an Inspector. He observes and inspects ongoing construction work, reviews plans and specifications to ensure that work is in compliance, conducts laboratory sampling, maintains a daily activity of work in progress and status of completion and discusses construction related problems with his supervisor, records and reports observations including video and digital pictures, and performs other job responsibilities as assigned. He started his career in the traffic/transportation department of RJB. He was responsible for performing numerous turning movement counts. He set up automatic traffic recorders





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(ATRs) for volume counts, speed studies, etc. His experience includes: *Davie Road Phase II - Local Agency Program (LAP) Construction Engineering and Inspection (CEI) Services, Town of Davie, FL; Broward Boulevard from Pine Island Road to I-95, Broward County, Florida - Florida Department of Transportation (FDOT), District 4*

## **YAHARRIS FLORES - Traffic Studies/Data Collection**

Education: A.A. Physical Education/2006

Registration: Not Applicable

Ms. Flores has over 8 years of experience. She has worked on multiple jobs obtaining traffic data for various studies. She is well-versed in hand-held data collectors regarding calibration and maintenance. She also has expertise in compiling and categorizing the data and assembling the information into a report file. Ms. Flores also works as a secretarial assistant with expertise in Microsoft Office including Word, Excel, Power Point and Publisher. Some of her project experience includes: *SR-5/US-1/Biscayne Boulevard Resurfacing from NE 199<sup>th</sup> Street to NW 213<sup>rd</sup> Street - FDOT D6; SW 36<sup>th</sup> Avenue Pedestrian Bridge and Path Project, Broward County, Florida - City of Pompano Beach*

## **SUBCONSULTANTS**

### **TIERRA SOUTH FLORIDA, INC.**

#### **RAJ KRISHNASAMY, PE - Laboratory Test/Surveying**

Education: MS in Geotechnical Engineering, University of Memphis/1995;

BS in Civil Engineering, Christian Brothers University/1987;

Diploma/1984/Electronic Engineering, Malaysian Air Force Institute

Registration: Professional Engineer: Florida, 53567; Certified OSHA Supervisor; Certified Environmental Consultant

Mr. Raj Krishnasamy, P.E. is a Florida-registered Professional Engineer with 3 years of professional experience and a Master's of Science in Geotechnical Engineering. As President and Principal Engineer of Tierra South Florida, Inc. (TSF), Mr. Krishnasamy oversees all geotechnical engineering, construction materials testing, and inspection services operations. His experience is highlighted by over 3,000 public and private projects and design-build projects totaling over \$2 billion in construction costs. Mr. Krishnasamy has extensive experience as Project Manager and QA/QC Officer for geotechnical engineering, laboratory services, and construction material testing projects. He serves as Project Manager for continuing contracts with over 20 Florida public agencies with a history of repeatedly retaining those contracts through successful, cost-effective and prompt execution of each task order. Mr. Krishnasamy's daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida. Mr. Krishnasamy and his highly experienced team focus on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget.

#### **KUMAR VEDULA, PE- Laboratory Test/Surveying**

Education: Bachelor of Engineering, Andhra University, India, 1992

MS Civil Engineering, University of Memphis, 1995





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Mr. Vedula, P.E. is a Florida-registered Professional Engineer with 21 years of geotechnical and construction materials testing experience. He specializes in geotechnical projects involving foundation design, slope stability analysis, WEAP analysis and interpreting PDA reports, excavation support, and construction inspection. Additional experience includes foundation inspections (shallow and deep foundations), soil modification (dynamic compaction, stone columns), preloading, excavations, backfilling, and post construction monitoring. Mr. Vedula has served as a principal inspector on numerous surcharging and settlement evaluations of organic laden soils assignments. His project experience includes over 20 high rise buildings, as well as foundation engineering for bridges, roadways, utilities, schools and government facilities.

## **MILLER LEGG & ASSOCIATES, INC.**

### **MICHAEL KROLL, RLA, FASLA - Landscape Design**

Education: Bachelor of Landscape Architecture, Landscape Architecture; Graduate Studies, Urban and Regional Planning

Registration: Registered Landscape Architect, Florida

Senior Landscape Architect/QA/QC has been actively involved in projects ranging from large scale habitat restoration to international urban redevelopment projects. His 30+-year career has concentrated on planning, infrastructure, open space, transportation and redevelopment, principally in South Florida. Mr. Kroll's diverse professional experience has led to projects that successfully integrate environmental, planning and landscape architectural services. Under his leadership, Miller Legg develops project solutions that respond to the natural environment, respect the social fabric and create sustainable aesthetic spaces. He is the firm's Principal-in-Charge for Landscape Architecture services and has worked with more than 75 municipalities.

### **BRIAN SHORE, RLA - Landscape Design**

Education: Bachelor of Science, Landscape Architecture

Registration: Registered Landscape Architect, Florida; FL; FDOT Intermediate Maintenance of Traffic

Mr. Shore is a Senior Landscape Architect with significant experience in landscape architectural design and landscape construction services for a variety of public and private projects. Specialties include landscape, hardscape, and irrigation design services for streetscape and roadway projects including the Florida Department of Transportation (FDOT), all aspects of active and passive park design, health care campuses, and educational facilities design. Most recently, Mr. Shore led the firm's efforts for landscape architecture on three mobility projects in the City of Hollywood on 56th Avenue, 14th Street and 62nd Avenue (on-going).

### **NELSON PEREZ - Landscape Design**

Education: Bachelor of Landscape Architecture, Landscape Architecture

Registration: FDOT Intermediate Maintenance of Traffic

Mr. Perez is a Landscape Designer responsible for landscape architectural design for a variety of public and private projects including roadway landscaping and irrigation, active and passive park landscape design, as well as residential and commercial projects. He has worked closely with Mike and Brian for more than 11 years on complete streets and streetscape beautification projects throughout Broward and Miami-Dade Counties.





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## **WILLIAM MOHLER, CA, CLI - Landscape Design**

Education: Bachelor of Science, Ecology & Biology, Minor in Geography

Registration: FL, FDEP Qualified Stormwater Management Inspector; FL, FDOT Intermediate Maintenance of Traffic; FL, Certified Landscape Inspector; Advanced Airport Wildlife Hazard Management; Certified Arborist; FL, Broward County Basic Tree Pruning

Mr. Mohler is a Certified Arborist and provides consulting services to both public and private sector clients including municipalities, Counties and FDOT including: tree species identification and inventories, tree surveys and canopy mapping, destroyed/damaged tree assessments, tree value estimates, tree grading, tree species selection for planting, mangrove trimming oversight and tree permitting. Working with Brian, he recently provided Arborist services for the Hollywood mobility projects in the City of Hollywood.

## **M.G. VERA & ASSOCIATES, INC.**

### **MANUEL G VERA, JR., PSM - Principal / Senior Surveyor**

Education: Bachelor of Science, Legal Studies, Nova Southeastern University, 1994

Associates of Science, Land Surveying, Miami Dade College, 1988

Registration: Professional Surveyor & Mapper, Florida, PSM#5291 (1994)

Mr. Vera Jr., a registered Land Surveyor has over 34 years of experience with the company and throughout the state of Florida. He has managed a variety of survey contracts and projects for the Florida Department of Transportation, Miami-Dade County, Miami-Dade Expressway Authority, City of Miami, and numerous Engineering and Design firms. Mr. Vera has performed and managed all types of surveying services including: Design Surveys, Right-of-Way Control Surveys, Right-of-Way Mapping, Platting, Construction Layout, As-built Surveys, Drainage Surveys, etc. Mr. Vera is a Senior Surveyor and Mapper as well as our Senior Project Manager. He has extensive experience in the management and coordination of survey projects involving a variety of surveying techniques such as Aerial Surveys, Conventional Ground Surveying, Utilities designation, etc.

### **MARK R. SOWERS, PSM - SUE Director / Project Surveyor**

Education: Bachelor of Science, Land Surveying, University of Florida, 1988

Registration: Professional Surveyor & Mapper, Florida, PSM#5266 (1993)

Mr. Sowers is a Professional Surveyor & Mapper with 30 years of experience throughout the state of Florida. His responsibilities include managing field operations and establishing standards for consultants as well as final quality assurance / quality control of all deliverables before client submission. He is proficient in the latest industry technology, as well as developing and implementing successful management strategies. Mr. Sowers worked for the Florida Department of Transportation (FDOT), District IV for eight years, four of them as District Surveyor. During his FDOT tenure, Mr. Sowers actively participated in statewide process improvements. He was a chairperson for FDOT's Survey Technical Advisory Committee and a member of the committees responsible for the development and implementation of the staff-hour estimating form and project network control sheet.





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Traffic Engineering Services to the CRA for Capital Projects

## g. TEAM QUALIFICATIONS/ORGANIZATIONAL CHART

The ability of a consulting firm to serve its clients is a function of the staff's experience and the philosophy of the firm. RJ Behar is proud of the technical competence of its staff and the shared commitment to quality. We offer an extremely qualified group of individuals whose experience and capabilities are especially suited to the development of the project requested in this contract.

We have assembled a team of seasoned professionals with supporting staff members to undertake any assignment that could come up in this Request for Qualifications to provide Traffic Engineering Services.

We pride ourselves in meeting our client's needs through the use of proper project management and an extensive quality assurance program.

*THE TABLE BELOW ILLUSTRATES KEY STAFF PERSONNEL AND THEIR QUALIFICATIONS FOR THIS CONTRACT.*







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Traffic Engineering Services to the CRA for Capital Projects

## **h. MUNICIPAL STAFF SUPPORT**

Coordination of a multi-member team requires regular attention. All matters related to the project and support from City Staff will be coordinated with the City's Project Manager. We will try to minimize the City's day-to-day involvement by keeping the Project Manager informed electronically (e-mail). Our Project Manager will serve as our focal point of coordination and for providing timely responses and prompt follow up. He will be the link with the project team.

Between RJ Behar and the City of Hollywood's Staff – we will keep the City's Project Manager well-informed of all project issues at all times. Recognizing that City's Project Managers may be managing several projects at any given time, we will try to accommodate his/her day-to-day involvement by:

- 1) Obtaining needed information ourselves
- 2) Maximizing electronic information transfer (e-mail)
- 3) Conference calls, and
- 4) Supplying prompt meeting minutes

We will schedule progress meetings as often as the City's Project Manager desires. A progress report will be provided on a monthly basis including required action items and who is to follow up. The City's Project Manager is the voice for the City and therefore we will coordinate with him/her prior to meeting with other entities.

For this project we will have to coordinate with Planning and Development Staff, Public Utilities, Public Works, Engineering & Architectural Services, and the Procurement Division.





# RFQ CRA 17-020

Traffic Engineering Services to the CRA for Capital Projects

## i. APPROACH TO PERFORMING THE WORK

### PROJECT APPROACH

#### Overview

This proposal addresses the roadway design for Young Circle Improvements, the East-West Streets Improvements on the beach and roadway configuration for the Downtown Improvements. Our approach is as follows:

Members of the **RJ Behar Team** have participated in the Young Circle improvements dating back to the 1980's and early 1990's. Specifically we have:

- ✓ Reviewed the scope of work requested by *the City of Hollywood*, ensured that the proposed improvements adhere to the latest Broward County standards,
- ✓ Visited the site numerous times, and
- ✓ Contacted various permitting agencies with jurisdiction over this project.

The existing Young Circle serves as a focal point for the eastern section for the City of Hollywood, it also connects to Downtown Hollywood, which also is designated for roadway improvements, as part of this contract. Finally, the East-West streets will be coordinated with the Young Circle and Downtown Hollywood Street improvements.

As Prime Proposer, our project approach will incorporate the following subconsultants:

- **Miller Legg and Associates (MLA)** will provide the Landscape Architecture Services. They are represented by Mr. Brian Shore, RLA who previously collaborated with **RJ Behar** on over 25 roadway design projects.
- **Tierra South Florida (TSF)** will provide the required Geotechnical Service. Firm principal, Mr. Raj Krishnaswamy, PE, has successfully worked together with **RJ Behar** in the past on numerous projects. They are familiar with the subsurface geotechnical conditions along the planned project.
- **M.G. Vera & Associates, Inc. (MGV)** will provide the field survey for this project. The firm's owner, Manual Vera, PSM, and **RJ Behar** have worked together on over 20 roadway design projects in past.

#### Management Approach

It is not uncommon to have **RJ Behar** working on multiple projects concurrently. This is a very common practice. Each project is assigned a core project team, which is made up of the Project Manager, Project Engineer, Designer and CADD Technician. It is also not uncommon to have a Project Manager manage multiple projects. For smaller projects with longer duration, the Project Engineer may also be working on multiple projects. The same holds for the Designer and CADD Technician. However, on larger projects, such as the proposed City of Hollywood street improvements, it may require that the Project Engineer, Designer and CADD Technician be fully dedicated to the project because of the complexity of the project and in order to expedite the final plans.

RJ Behar's project management approach for managing concurrent projects is best described as *pro-active* and *responsive*. Our management plan will address the following: a) establish overall goals and







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## Coordination with Project Manager

Mr. Behar will keep the *City of Hollywood's* Project Manager well-informed of all project technical and administrative issues by providing effective status reports and communiqués in a timely fashion. Mr. De Arazosa will remain in close contact via telephone, email, coordination meetings, as needed and provide detailed monthly progress reports. We understand that *City of Hollywood* Project Managers may be managing many projects at any given time and it is our goal to minimize their day-to-day involvement by 1) obtaining needed information ourselves, 2) maximizing electronic information transfer (email) and 3) meeting via conference calls.

## UNDERSTANDING OF THE SCOPE

RJ Behar will base the design criteria on the Miami-Dade County Standards and the 2016 Manual of Uniform Minimum Standards for Design, Construction and Maintenance of Streets and Highways (Florida Greenbook) and will implement the criteria for the various design elements such as lane widths, median widths, sidewalk widths, bicycle lane widths and roadway geometry according to the applicable sections of these documents. We will utilize a design speed of 40 mph for this project, with a posted speed of 35 mph.

DESIGN ELEMENT	DESIGN MANUAL	CRITERIA
Design Speed	Table 3-1 Florida Greenbook 2013	40 MPH (minimum)
Lane Width	Table 3-8 Florida Greenbook 2013	Major Arterial 11 ft
Median Width	Table 3-12 Florida Greenbook 2013	Urban Streets 15.5 ft
Horizontal Alignment	Table 3-4 Florida Greenbook 2013	Min. Radius = 400 ft
Roadway Cross Slope	Section C.7.b.2 Florida Greenbook 2013	1.5 % Min / 4 % Max
Bike Lane Width	Figure 9-1 Florida Greenbook 2013	4 ft. Min adjacent to curb*
Sidewalk Width	Section C.7.d Florida Greenbook 2013	6 ft. Min adjacent to curb; 5 ft otherwise

## Roadway Design Issues

RJ Behar will develop roadway sections and present them to the City for approval prior to embarking in the final design plans. The alignment for Young Circle does have many challenges to address including:

- Minimize the acquisition of right of way and still provide the necessary operations along the circle.
- Maintain traffic during construction and minimize the any business disruptions.
- Address traffic operations.

There are similar challenges for the East-West Streets and for the Downtown Street improvements. The existing terrain seems generally flat, however; the existing plans does indicate that there is a 0.2% longitudinal "saw-tooth" profile at some locations, a 0.3% longitudinal profile is preferred and our design will take that into consideration in the final design.

The projects will be designed utilizing Complete Streets concepts adopted by Broward County in 2009. According to the Florida Greenbook, Table 3-12, the required clear zone is 14-ft from the edge of the



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through lane for a rural arterial facility and 4-ft from the face of curb for an urban arterial facility. Since the existing typical sections are a combination of outside flush shoulders and curb & gutter, we determined that both criteria would be applicable depending on which of these were present. The clear zone required along the sections with outside flush shoulders would be 14-ft and when there was outside curb & gutter it would be 4-ft.

There are several signalized intersections within the project limits. These will be modified based on the findings from the Traffic Study.

## Traffic Operations

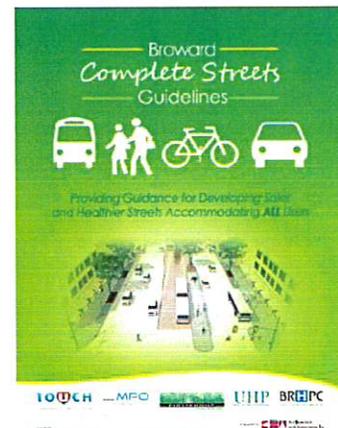
RJ Behar will analyze the turning movements for all proposed improvements. The WB-50 design vehicle was selected for the right turns because this was the most appropriate design vehicle for a non-interstate facility such as Young Circle and other city streets. Please refer to Table 3-2 in the Florida Greenbook.

Our subconsultants, MLA performed traffic analysis for the realignment of Young Circle. This Hollywood landmark has been documented to have weave/merge conflicts and a high rate of traffic accidents. The study included numerous traffic analysis utilizing Synchro and SimTraffic software. These models compared the performance of alternative designs based on peak hour delay, travel speed, and queue lengths at intersections around the circle. Services provided included:

- Traffic Analysis
- Alternative Design Analysis

## Complete Streets

Broward County began the process in 2009 of implementing Complete Streets. In 2014, the County adopted the Complete Streets Policy, which focuses on making roads safe for all users. There are many aspects to the policy that allows designers to implement improvements to the mobility of pedestrians and bicyclist. Due to constraints on budget, the inclusion of bike lanes will not be feasible because of the impact to the existing drainage, right of way and cost. To maximize the usage of Complete Streets on this project, RJ Behar is recommending implementing shared roadways as outlined in the manual. The 2009 MUTCD introduced the standards for Shared Lane Markings or Sharrows, which allows bicycles to use the full lane. This standard may be applied when the existing typical section does not have shoulders and the lanes are too narrow to allow bicycles and vehicles to travel side by side. The RJ Behar Team is recommending sharrows for the major roadways as a way to provide additional facilities for bicyclists. This improvement has been implemented in numerous locations in South Florida and has been met with acceptance by both motorists and bicyclists. This is a cost-effective way to improve mobility and safety for users.



Sharrows offer the following enhancements:

- 1) Assist bicyclists with lateral positioning in a shared lane with on-street parallel parking in order to reduce the chance of a bicyclist's impacting the open door of a parked vehicle.





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- 2) Assist bicyclists with lateral positioning in lanes that are too narrow for a motor vehicle and a bicycle to travel side by side within the same traffic lane.
- 3) Alert road users of the lateral location bicyclists are likely to occupy within the traveled way.
- 4) Encourage safe passing of bicyclists by motorists.
- 5) Reduce the incidence of wrong-way bicycling.

## **Transit Facilities**

Broward County Transit (BCT) provides bus. These routes operate at 30-minute headways throughout the day.

## **Pedestrian/Bicycle Facilities**

There is continuous public sidewalk along of the proposed city street improvements. The public sidewalk width is wider for the Young Circle Downtown Streets and approximately 5' wide for the East-West city streets. The existing 5-ft width adjacent to the back of curb does not meet the Florida Greenbook Criteria shown in Chapter 3, Section C.7.d that requires a 6-ft width when adjacent to the curb. Bicycle lanes will be accommodated, wherever right of way permits.

## **Drainage**

The existing drainage system appears to be a combination of swales that receive the stormwater sheet flow directly and existing French drain systems. Because of the poor percolation rates in this area, outfalls may be required to accommodate water quantity. A Broward County and a South Florida Water Management District (SFWMD) permits will be required.

## **Utility Owners**

In a project of this magnitude coordination with Utility Agency Owners (UAOs) will be vital to success. The efforts will focus on identifying UAOs that have facilities within the project limits; identifying where those facilities are both horizontally and vertically; identifying if the proposed improvements will conflict with any of these facilities. We have already done a preliminary identification of the UAOs that might have facilities in the project limits, which are listed in the table below. Early in the design process, we will contact these UAOs and ask that they provide information about their facilities either with as-builts or by marking them on plans provided for that purpose. Once we incorporate their information in our design, we will take the additional step of having them located in the field to verify their position. This is particularly important for underground utilities that may be close to any proposed drainage structure or other excavation area. The design will make every effort to avoid conflicts with the existing utilities but should there be an unavoidable one, we will bring it to the attention of the UAO during a conference to discuss utility issues and develop a relocation plan. All this will be documented in the form of work schedules in which the relocation effort will be specified so that at construction time, the construction management team will be aware of what was agreed during the design stage. In addition to designing around the existing utilities, it will be important to identify if any of the utilities present in the project limits desires to expand or improve their facilities during this project. This can easily be handled by a JPA but the need has to be identified early so that the project can remain on schedule.





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## Lighting

The existing lighting system is conventional roadway lighting. The lighting system with a spacing of about 180-ft will be analyzed.

## Pavement

Depending on the condition of the existing pavement, which appears satisfactory based on field observations, widening will be constructed where necessary to accommodate bicycle lanes, right of way permitting. The existing pavement would be milled and resurfaced to achieve the necessary cross slope of 2% and 3%. The existing vertical geometry would be maintained to the extent possible in order to use the existing low points. The existing longitudinal grade was found to be less than 0.3%, therefore, the required longitudinal grades can still be achieved by varying the cross slope of the outside and bicycle lanes between 2% and 4%.

## Signalization

There are several signalized intersections throughout the projects. These will be upgraded and timings will be analyzed to provide for optimal operations.

## Beautification and Aesthetics

On landscape improvement projects, our landscape subconsultant will collaborate with the City's Staff to recommend the improvements commensurate with the City's vision for aesthetics and finally prepare the construction drawings. There are limited locations to add beautification and aesthetics to street projects. Our recommendation is to focus these efforts to the major roadways and add decorative crosswalks; we can recommend median and green space locations where native drought tolerant landscaping can be installed to enhance the look of the corridor. This will allow for beautification while addressing the lack of existing irrigation. All landscape improvements will be closely coordinated with the City's project manager and closely monitored so that it does not go over the City's proposed budget.

## Temporary Traffic Control

Given the largely commercial character of the project, temporary traffic control during construction will be a significant challenge. Stakeholders and motorists who transit the subject areas on a regular basis will be very sensitive about construction activities and the length of time that the work will take. The traffic control plans will take into consideration working hours, special events that may be scheduled both in Downtown Hollywood and Young Circle. We will propose night work wherever feasible.

## Geotechnical

A geotechnical exploration for the design and construction of the proposed projects will be performed in accordance with the Soils and Foundations Handbook (S&FH) and the RFP requirements.

Once a conceptual geotechnical exploration plan has been developed, we will review our proposed exploration plan with the City of Hollywood's Project Manager for concurrence. Utility clearance and coordination, as well as applicable right-of-way permits, will be performed prior to field activities. A laboratory testing program will be conducted to verify soil properties and the data will be incorporated into a 'Cross Section Soil Survey' sheet to provide guidance on soil suitability. Upon completion of the geotechnical explorations and associated lab testing, geotechnical analyses and recommendations will





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be presented in geotechnical reports in accordance with the FDOT S&FH and Structures Manual. Based on a review of the available project information and our experience on similar projects, we consider the following to be specific areas of focus for this project:

- High water tables are anticipated within the project limits. We will evaluate the groundwater levels, including review of available historical information, in order to insure the required roadway base clearance is maintained.
- Challenges for the field exploration activities on this project will include Temporary Traffic Control Plan (TTCP) while performing soil borings, underground utility locations and coordination of drilling activities with the various agencies involved in the project.

## Surveying

The land surveying effort will include the following:

- Obtain Section Map(s) from Miami Dade County Engineering, Subdivision Plats and Deeds from Public Records, Bench Marks from County survey website or County Surveyor.
- Inspect site to find any available control at the site. Look for Section Corners, PRM's, PCP's, Lot Corners, control points along CL.
- Set Traverse Points.
- Run elevation to traverse points from bench marks and back.
- Locate existing control points, above-ground improvements, above-ground utilities and obtain elevation cross sections within survey area.
- Obtain invert elevations of manholes.
- Plot right-of-way per Plats, Deeds.
- Plot C/L, B/L.
- Plot survey points and adjust to Plat (Adjust found control to best fit).
- Draw survey.
- QC Compare drawing to field notes, aerial photos, site.
- Provide location and elevation of SUE locations.

## Key Milestones

1. Immediately after NTP the field survey activities will commence.
2. Utility contacts will also be initiated immediately after NTP.
3. Geotechnical exploration will commence once the roadway baselines has been established in the field.
4. Development of typical section packages and identification of any design exceptions will be prepared.
5. A permit pre-application meeting will be scheduled with the relevant agencies.
6. 30% roadway plans will be produced, this include preliminary horizontal and vertical geometry.
7. 60% roadway, signing and marking, signal, lighting and landscape plans will be produced; this includes drainage design and preliminary drainage plans and landscape plans.
8. Permit applications will be initiated.
9. Utility Coordination meeting will be scheduled as the project gets close to 60% complete.
10. 90% roadway, signing and marking, lighting and landscape plans will be produced.
11. 100% plans submittal will be made.
12. Deliver signed and sealed final documents.







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Traffic Engineering Services to the CRA for Capital Projects

## SECTION 7 | ACKNOWLEDGEMENT OF ADDENDA

RJ Behar & Company, Inc. acknowledges addendums received in connection with this Request for Qualifications (RFQ CRA 17-020) Traffic Engineering Services for the City of Hollywood. Please see signed Addenda, immediately following this page.

Addendum No. 1 – Received August 24<sup>th</sup>, 2017

Addendum No. 2 – Received August 31<sup>st</sup>, 2017

Addendum No. 3 – Received September 6<sup>th</sup>, 2017





**CITY OF HOLLYWOOD  
COMMUNITY REDEVELOPMENT AGENCY**

1948 Harrison Street  
Hollywood, FL 33020  
Phone (954) 924-2980 Fax (954) 924-2981

**ADDENDUM NUMBER 1**

Date: **8/24/2017**

FOR: **RFQ for Traffic Engineering Services**  
FILE NUMBER: **CRA 17-020**

**ALL BIDDERS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:**

This addendum is issued as part of the Bidding Documents for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated August 8, 2017. The bidder shall coordinate all modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum on the Bid Form by addendum number and date. Failure to do so may subject Bidder to disqualification.

**CLARIFICATION**

**Question 1:** In Section II, Scope of Services, field tests and laboratory tests are included with traffic engineering and data collection. Will Geotechnical services be required?

**Clarification:** It is not mandatory, points will not be given or taken for this service.

**Question 2:** In Section VI, Submittals, letter d, we are required to provide a list and description of similar projects performed within the last five (5) years, and in Section V, Initial Selection Criteria, #5 requires similar projects within the last four (4) years. Which is correct?

**Clarification:** Section V, Initial selection criteria, #5, should reflect five years (5).

**Question 3:** In Section VI, Submittals, letter g, estimated hours for each member of the team are required. Since this is a general contract, are you looking for percent availability?

**Clarification:** Yes, percentage is fine.



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**ADDENDUM NUMBER   1**

**Question 4:** Under Section VII. Oral Presentation, it mentions schematic drawings with floor plans. Please confirm if this requirement is for traffic engineering services.

**Clarification:** No drawings are necessary.

**Question 5:** Section VI Submittals; Profile of Consultant; Item D. Requests a list of projects completed within the past five years. The information requested on each project (name and telephone number of contact, role, and dollar amount), is similar to the information required within the SF330, Section F. Can vendors reference the evaluation team to the SF330 section to meet the requirements of Section D, or should vendors repeat this information within section D.

**Clarification:** A reference to the SF330.

**Question 6:** Section VII. Oral Presentation. This section states that shortlisted firms are expected to provide schematic design drawings and an estimated probable cost of construction at the Oral Presentation. Can the CRA confirm whether this deliverable is required under this contract? If so, can the CRA clarify what proposed project they'd like vendors to utilize for this requirement.

**Clarification:** No schematic design drawings or estimated probable costs are necessary.

**Question 7:** VI. Submittals: Standard Forms 330 (page 10 of RFQ) Does the City want complete and separate SF330 Parts I&II for both the prime firm and the subconsultants?

**Clarification:** Only for prime firm.

**Question 8:** VI. Submittals: Profile of Consultant, d. list and description of engagements (page 10 of RFQ) Are these projects required in addition to the 10 projects included in the SF330 Part I Section F: Example Projects?

**Clarification:** No, they can be the same.

**Question 9:** VI. Submittals: Profile of Consultant, f. staff experience in conducting similar projects (page 10 of RFQ) Is this project experience/educational background information required in addition to the full page resumes included in the SF330 Part I Section E: Resumes of Key Personnel?



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**ADDENDUM NUMBER 1**

**Clarification:** No.

**Question 10:** VI. Submittals: Profile of Consultant, g. organization of staff and estimated hours for each member (page 11 of RFQ)

- a) Is the organization of staff required in addition to the organizational chart included in the SF330 Part I Section D: Organizational Chart?

**Clarification:** No.

- b) Given that this is an oncall contract, how should the estimated hours for each member of the team be calculated?

**Clarification:** Percentage estimates.

+

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE CONTRACT DOCUMENTS AND THE RECEIPT OF THE SAME SHALL BE NOTED IN THE PROPOSAL IN THE SPACE PROVIDED.

Moshe Anuar, P.E., Senior Coastal Project Manager  
Community Redevelopment Agency

Robert J. Behar, PE - President/CEO



**CITY OF HOLLYWOOD  
COMMUNITY REDEVELOPMENT AGENCY**

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**ADDENDUM NUMBER 2**

Date: **8/31/2017**

FOR: **RFQ for Traffic Engineering Services**  
FILE NUMBER: **CRA 17-020**

ALL BIDDERS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:

This addendum is issued as part of the Bidding Documents for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated August 8, 2017. The bidder shall coordinate all modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum on the Bid Form by addendum number and date. Failure to do so may subject Bidder to disqualification.

**CLARIFICATION**

**Question 1:** Addendum #1 states that receipt of the addendum shall be acknowledged on the Bid Form by addendum number and date, and failure to do so may subject Bidder to disqualification. However, I did not see a bid form or any other place to acknowledge receipt of addenda included with the original RFQ.

**Clarification:** No Bid Form was included on the RFQ; however, please include a copy of the addenda and state that they were acknowledged.

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE CONTRACT DOCUMENTS AND THE RECEIPT OF THE SAME SHALL BE NOTED IN THE PROPOSAL IN THE SPACE PROVIDED.

Moshe Anuar, P.E., Senior Coastal Project Manager Community Redevelopment Agency

Robert J. Behar, PE - President/CEO



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Hollywood, FL 33020  
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**ADDENDUM NUMBER 3**

Date: **9/6/2017**

FOR: **RFQ for Traffic Engineering Services**  
FILE NUMBER: **CRA 17-020**

ALL BIDDERS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:

This addendum is issued as part of the Bidding Documents for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated August 8, 2017. The bidder shall coordinate all modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum on the Bid Form by addendum number and date. Failure to do so may subject Bidder to disqualification.

**CLARIFICATION**

**Due to climate challenges related to Hurricane Irma, the deadline for this RFQ has been extended. The new deadline to submit bidding documents is September 18, 2017 at 10:00 AM.**

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE CONTRACT DOCUMENTS AND THE RECEIPT OF THE SAME SHALL BE NOTED IN THE PROPOSAL IN THE SPACE PROVIDED.

Moshe Anuar, P.E., Senior Coastal Project Manager Community Redevelopment Agency

**Robert J. Behar, PE - President/CEO**