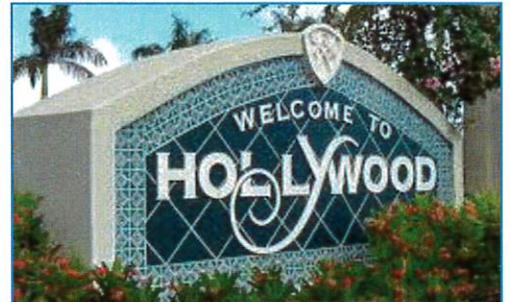


City of Hollywood Community Redevelopment Agency

Traffic Engineering Services, CRA 17-020



McMahon Associates, Inc.

2090 Palm Beach Lakes Boulevard, Suite 400

West Palm Beach, FL 33409

Phone: (561) 840-8650

Contact: William A. Grieve, P.E.

Email: wgrieve@mcmahonassociates.com

September 18, 2017 | 10:00 AM



**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.



**CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY**

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

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?



**CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY**

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

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



**CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY**

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

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



**CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY**

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

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

City of Hollywood
Community Redevelopment Agency
Traffic Engineering Services, CRA 17-020

TITLE PAGE

ACKNOWLEDGEMENT OF ADDENDUMS

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Section 4 - Description of Approach.....4-1

PROOF OF INSURANCE

City of Hollywood Community Redevelopment Agency

Traffic Engineering Services, CRA 17-020





McMAHON ASSOCIATES, INC.
2090 Palm Beach Lakes Boulevard, Suite 400
West Palm Beach, FL 33409
p 561-840-8650 | f 561-840-8590

September 7, 2017

Moshe Anuar, Senior Coastal Project Manager
City of Hollywood CRA
1948 Harrison Street
Hollywood, FL 33020

PRINCIPALS
Joseph W. McMahon, P.E.
Joseph J. DeSantis, P.E., PTOE
John S. DePalma
William T. Steffens
Casey A. Moore, P.E.
Gary R. McNaughton, P.E., PTOE
ASSOCIATES
John J. Mitchell, P.E.
Christopher J. Williams, P.E.
R. Trent Ebersole, P.E.
Matthew M. Kozsuch, P.E.
Maureen Chlebek, P.E., PTOE
Dean A. Carr, P.E.

**RE: Traffic Engineering Services
CRA 17-020
McMahon Project Number M17645.0P**

Dear Mr. Anuar:

McMahon Associates, Inc. (McMahon) is pleased to transmit eight (8) copies of our Response to the Request for Qualifications to assist the City of Hollywood Community Redevelopment Agency (CRA) with Traffic Engineering Services, CRA-17-020.

McMahon is the firm of choice for this contract. For Traffic Engineering Consultants, McMahon is unrivaled in our ability to serve the City of Hollywood CRA for several reasons:

Value	Approach
Location and Relationships	Resources (123 Transportations Professionals)
Dedication	Similar Experience

Our office is located at 2090 Palm Beach Lakes Blvd., Suite 400, West Palm Beach, FL 33409. All communication with McMahon will be through me, the single point of contact, William A. Grieve, P.E. I will be the Consultant Project Manager, and as such, will be responsible for all coordination between the City of Hollywood CRA and McMahon. I am excited about the prospect to serve the City of Hollywood CRA and am dedicated to making sure the CRA is 100% satisfied with the services they are provided. I can be reached at our office (561) 540-8650; our fax (561) 840-8590; my cell phone (561) 402-4092; our website www.mcmahonassociates.com; and my email address wgrieve@mcmahonassociates.com.

McMahon will meet the insurance requirements and is willing to execute Traffic Engineering Services with the City of Hollywood CRA. The CRA has our commitment to deliver professional and personalized service on time and with quality, while being sensitive to the budgetary natures of this assignment.

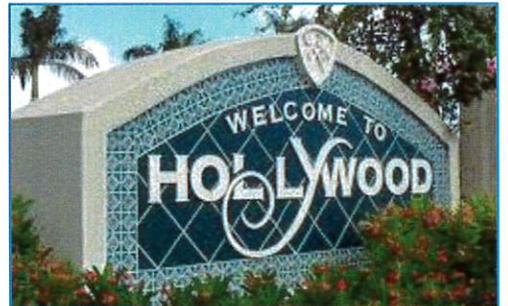
Sincerely,

William A. Grieve, P.E., Project Manager

F:\FL\17645L_Hollywood_TrafficEngConsult\17645L_0P\Proposal\S1.LetterofInterest.docx

City of Hollywood Community Redevelopment Agency

Traffic Engineering Services, CRA 17-020





ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

Traffic Engineering Services, City of Hollywood, FL

2. PUBLIC NOTICE DATE

Tuesday, August 8, 2017

3. SOLICITATION OR PROJECT NUMBER

CRA 17-020

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

R. Trent Ebersole, P.E., Vice President

5. NAME OF FIRM

McMahon Associates, Inc.

6. TELEPHONE NUMBER

(561) 840-8650

7. FAX NUMBER

(561) 840-8590

8. E-MAIL ADDRESS

tebersole@mcmahonassociates.com

C. PROPOSED TEAM

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

<i>(Check)</i>				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
PRIME	J-V PARTNER	SUBCON-TRACTOR				
a.	X			McMahon Associates, Inc. <small>CHECK IF BRANCH OFFICE</small>	2090 Palm Beach Lakes Blvd, Suite 400 West Palm Beach, FL 33409	Prime Consultant
b.		X		AE Engineering, Inc. <small>CHECK IF BRANCH OFFICE</small>	9180 Silver Glen Way Lake Worth, FL 33467	Subconsultant
c.		X		Tierra South Florida, Inc. <small>CHECK IF BRANCH OFFICE</small>	2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411	Subconsultant
d.		X		Craven Thompson & Associates, Inc. <small>CHECK IF BRANCH OFFICE</small>	3563 NW 53rd St, Fort Lauderdale, FL 33309	Subconsultant
e.				<small>CHECK IF BRANCH OFFICE</small>		
f.				<small>CHECK IF BRANCH OFFICE</small>		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] *(Attached)*

THE CITY OF HOLLYWOOD COMMUNITY REDEVELOPMENT AGENCY
Traffic Engineering Services
CRA No. 17-020

Consultant Project Manager
William Grieve, PE

QA/QC Officer
R. Trent Ebersole, PE

Traffic Planning/Engineering

Natalia Lercari, PE
Natalia Ramirez, AICP
Nishat Zaman
William Smith
Alan Mrovcica, PE

Transportation Design

R. Trent Ebersole, PE
William Grieve, PE
J. David Hill
Waruna Jayasooriya, EI
Bin Zhang

Civil Design

William Grieve, PE
Doug Taylor (CTA)
Waruna Jayasooriya, EI
Bin Zhang

Landscape Architect / Planner

Joseph D. Handley, RLA (CTA)
Douglas J. Schultz, RLA, LEED AP (CTA)
Scott W. Peavler, RLA (CTA)
Caleb Rothenberger, RLA, LEED AP (CTA)

Survey

Richard Pryce, PSM (CTA)
Nicholas Messina, Jr., PSM (CTA)

Geotechnical

Raj Krishnasamy, PE (TSF)
Kumar Vedula, PE (TSF)

Construction Services

Roderick Myrick, PE (AEE)
Alex Baader (AEE)
Andres Atehortua (AEE)

Subconsultants

AE Engineering, Inc. (AEE)
Craven Thompson & Associates, Inc. (CTA)
Tierra South Florida, Inc. (TSF)

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 <i>(City and State)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

City of West Palm Beach Transportation Consultant, Florida

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of West Palm Beach	b. POINT OF CONTACT NAME Khanh Uyen Dang, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 494-1087
--	--	---

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

Since 2006, McMahon has been a transportation consultant to the City of West Palm Beach. In this capacity, we have performed various traffic operations and planning projects. Traffic operations projects included signalized intersection qualitative assessments, one-way street circulation evaluation, traffic data collection, and pedestrian crossing assessments and maintenance of traffic plans preparation. Planning elements of the contract included the preparation of traffic concurrency impact studies for various sites and an update of the City's Transportation Element of the Comprehensive Plan. Work was performed for the engineering and planning departments of the City.

Entire Project Cost: ONGOING

Work for which Firm was/is responsible: Cost varies by task



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME McMahon Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME AE Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Lake Worth, FL	(3) ROLE Subconsultant – Construction Services
c.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Subconsultant – Geotechnical 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

2

21. TITLE AND LOCATION <i>(City and State)</i> Bicycle Master Plan, West Palm Beach, City of West Palm Beach, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of West Palm Beach	b. POINT OF CONTACT NAME Khanh Uyen Dang, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 494-1087
--	--	---

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

McMahon in association with Sprinkle Consulting is preparing a Citywide Bicycle Master Plan for the City of West Palm Beach. Efforts have included an extension public outreach process and agency coordination. The Master Plan provides a guide to the City regarding bicycle corridors, ultimate bicycle facilities and appropriate treatments to elevate the City to a desired destination that requires minimal motorized transportation. The effort includes preparing maps depicting the future bicycle network, recommending typical sections, planning level cost estimates, and prioritization of improvement projects.

Entire Project Cost: \$199,008.11

Work for which Firm was/is responsible: \$117,466.93

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME McMahon Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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)*

22. YEAR COMPLETED

Continuing Services, Bonita Springs, City of Bonita Springs, FL

PROFESSIONAL SERVICES
Ongoing

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Bonita Springs

b. POINT OF CONTACT NAME

Matt Feeney

c. POINT OF CONTACT TELEPHONE NUMBER

(239) 949-6246

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

McMahon has served as the Transportation Consultant, on a task order base, to the City of Bonita Springs since 2008. Our services provided to the City have covered a multitude of requests ranging from completing studies, to developing conceptual details, to interacting with various governmental agencies, such as the Florida Department of Transportation (FDOT) and Lee County, all to support the demands and requests from the City. We have also assisted the City's Public Works Department with responses to intersection operations; signing and pavement marking requirements; traffic signal operations; field observations; pedestrian crossing matters; and corridor speed studies, including establishing the appropriate speed limit recommendations. McMahon also developed a citywide bicycle and pedestrian master plan.

Entire Project Cost: ON-GOING

Work for which Firm was/is responsible: Cost varies by task.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	McMahon Associates, Inc.	West Palm Beach, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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)*

Key Corridor Study (Complete Streets), Bonita Springs, City of Bonita Springs, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2015

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Bonita Springs

b. POINT OF CONTACT NAME

Matt Feeney

c. POINT OF CONTACT TELEPHONE NUMBER

(239) 949-6246

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

The study included evaluation of implementing Complete Streets on each of the City's key roadways. The study also evaluated the addition of roadway linkage that would enhance the City's transportation network. One of the study goals was the relief of congestion at the intersection of two important corridors through the provision alternative facilities. The study outcome included identification and prioritization of improvement projects.

Entire Project Cost: \$49,922.00

Work for which Firm was/is responsible: \$49,922.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	McMahon Associates, Inc.	West Palm Beach, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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)*

**NW 31st Avenue Roadway Reconstruction
Lauderdale Lakes, Florida**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

Ongoing

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Lauderdale Lakes CRA

b. POINT OF CONTACT NAME

J. Gary Rogers

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 535-2492

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

McMahon is providing planning and design services for a half-mile segment of NW 31st Avenue, from NW 39th Street to NW 44th Street. The City initiated the project to implement Complete Streets, particularly to provide sidewalk along the east side, providing safer pedestrian access to transit stops. The project included evaluation of several alternatives, including potential reduction in the number of lanes. The scope includes typical section packages, roadway reconstruction, signing & pavement marking and signalization modifications.



Entire Project Cost: \$195,000

Work for which Firm was/is responsible: \$195,000

(Survey, Geotechnical and Landscape Architecture Services.

Provided MDR separate contract)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	McMahon Associates, Inc.	West Palm Beach, FL	Prime
b.	Craven Thompson & Associates, Inc.	Fort Lauderdale, FL	Subconsultant – Survey & Drainage
c.			

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)*

Consultant Engineering Services, City of Lauderhill, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2000 to Present

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Lauderhill

b. POINT OF CONTACT NAME

Charles Cuyler

c. POINT OF CONTACT TELEPHONE NUMBER

954-730-2960

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

Since 2000, McMahon has been the Traffic Engineer for the City of Lauderhill. In this capacity, McMahon was charged with development of traffic study reviews, performing special traffic studies and providing recommendations for improvements. As part of our current assignment, we also review and perform operational analyses for signalized and unsignalized locations and traffic signal/corridor timing and analyses.

In addition, McMahon has acted as a Liaison for the City to FDOT and Broward County. One particular completed project of a high profile nature was the completion of the Regional Broward County Park on SR-7. In a joint agreement between the City and County, McMahon performed a transportation study, secured an Access Management variance from FDOT for a median opening and a closely spaced traffic signal control access to park, between 12th Street and Sunrise Boulevard, developed the construction plans and secured an FDOT permit, and observed the construction and completion of the project.

The approach to this project required the direct involvement of our Florida Principal to oversee the project from beginning to end. Again, consistency and continuity were provided to the City, and the guidance of services from traffic engineering to design and construction, provided a successful project and the park opened on time.



Entire Project Cost: ONGOING

Work for which Firm was/is responsible: Approximately \$90,000 Annually

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	McMahon Associates, Inc.	West Palm Beach, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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

7

21. TITLE AND LOCATION <i>(City and State)</i> Annual Services Traffic Signal Design, Palm Beach County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Palm Beach County	b. POINT OF CONTACT NAME Fattoush Jafar, Ph.D., P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 684-4030
--	--	---

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

Mr. Ebersole is the Consultant Project Manager for a Continuing Service Traffic Signal Design Contract with Palm Beach County Traffic Division. Mr. Ebersole reports to Fattoush Jafar, the County's Project Manager. Assignments have included preparation of design plans for school zone signs and flashers, as well as traffic signal installation plans. The school zone project was a LAP project, requiring coordination with FDOT District Four, for the installation of school zone pavement markings and overhead sign equipment at five (5) school locations. Traffic signal design tasks include installation of a new traffic signal at a three-leg intersection. Plans account for addition of a fourth leg at a future date. All work efforts include utility coordination and providing survey, geotechnical, subsurface utility engineering and structural engineering components.

Entire Project Cost: \$86,608.78

Work for which Firm was/is responsible: \$42,547.26

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME McMahon Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Subconsultant – Geotechnical Services
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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

8

21. TITLE AND LOCATION *(City and State)*

Continuing Services Agreement for Architectural/Engineering, Landscape Architecture & Surveying Services, City of Tamarac, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2011 – 2016

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Tamarac

b. POINT OF CONTACT NAME

John Doherty, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 597-3706

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

McMahon was responsible for performing various consulting services related to traffic engineering and transportation planning. These services include intersection/roadway capacity analysis, data collection, traffic calming elements, multi-modal transportation planning, as well as other requested studies. Ms. Lercari prepared the Woodlands Boulevard and Mainlands Drive Bike Lane Feasibility Studies, which included a feasibility analysis to support bicycle lane implementation.

Entire Project Cost: \$

Work for which Firm was/is responsible: \$84,560.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	McMahon Associates, Inc.	West Palm Beach, FL	Prime
b.			
c.			

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)*

Tamarac Village, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2015

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Village of Tamarac

b. POINT OF CONTACT NAME

John Doherty

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 597-3706

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

McMahon provided Transportation Planning and Engineering services for this redevelopment master plan project. The City of Tamarac acquired several parcels of land generally located north of Commercial Boulevard between Pine Island Road and NE 94th Street. Their master plan vision for the site is a mixed-use, walkable Town Center with green space, pedestrian promenades and transportation facilities that promote bicycle activity. Among McMahon's contributions, we conducted studies and conceptual design for pedestrian access facilities, crossing County and State roadways at the Village's entry locations. Project put on hold by client in 2015.

Work for which Firm was/is responsible: \$85,000.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	McMahon Associates, Inc.	West Palm Beach, FL	Subconsultant – Traffic Engineer
b.			
c.			

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)*

World Trade Center at PortMiami, Miami, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2013

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

PortMiami

b. POINT OF CONTACT NAME

Felix Pereira

c. POINT OF CONTACT TELEPHONE NUMBER

(305) 347-5505

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

McMahon provides transportation planning and traffic engineering services for the master planning effort to bring the World Trade Center to PortMiami. The master plan of approximately 50 acres on PortMiami (Dodge Island) included up to 300,000 square feet of office space, a 300-room hotel and retail. McMahon prepared traffic impact analyses, planned the vehicular and pedestrian circulation and developed a wayfinding sign plan for the island including the cruise ship facilities for alternate circulation patterns. Conceptual circulation plans evaluated multiple versions of one-way circulation patterns, accounted for security checkpoints, and maximized capacity at key intersection/interchanges with concepts including roundabouts and grade separation.

Work for which Firm was/is responsible: \$40,000.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	McMahon Associates, Inc.	West Palm Beach, FL	Subconsultant – Traffic Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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 "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
William A. Grieve, P.E.	Project Manager	X	X			X	X				
R. Trent Ebersole, P.E.	Senior Transportation Engineer	X	X	X	X	X	X	X	X	X	X
Natalia T. Lercari, P.E.	Senior Traffic Engineer	X	X	X	X		X		X	X	X
J. David Hill	Senior Roadway Designer	X		X	X	X	X	X			
Alan Mrvica, P.E.	Traffic Engineer	X		X							
Waruna Jayasooriya, E.I.	Design Engineer	X		X		X	X	X			
William Smith	Traffic Engineer	X	X	X	X						
Nishat Zaman	Traffic Engineer	X	X	X	X						
Natalia Ramirez, AICP	Transportation Planner	X	X	X	X						X
Bin Zhang	Design 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	City of West Palm Beach Transportation Consultant, FL	6	Consultant Engineering Services, City of Lauderdale, FL
2	Bicycle Master Plan, West Palm Beach, City of West Palm Beach, FL	7	Annual Services Traffic Signal Design, Palm Beach County, FL
3	Continuing Services, Bonita Springs, City of Bonita Springs, FL	8	Continuing Services Agreement for Architectural/Engineering, Landscape Architecture & Surveying Services, City of Tamarac, FL
4	Key Corridor Study (Complete Streets), Bonita Springs, City of Bonita Springs, FL	9	Tamarac Village, Tamarac, FL
5	NW 31st Avenue Roadway Reconstruction, Lauderdale Lakes, FL	10	World Trade Center at PortMiami, Miami, FL

**STANDARD FORM 330
ARCHITECT - ENGINEER QUALIFICATIONS**

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

REQUEST FOR QUALIFICATIONS TO PROVIDE TRAFFIC ENGINEERING SERVICES TO THE CRA FOR CAPITAL PROJECTS

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

CRA 17-020

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

RODERICK MYRICK, PEP / SR. PROJECT ENGINEER/ PROJECT MANAGER

5. NAME OF FIRM

AE ENGINEERING, INC.

AE ENGINEERING, INC.
Civil Engineering • CEI • Construction Management

6. TELEPHONE NUMBER

561.632.5185

7. FAX NUMBER

904.322.8424

8. E-MAIL ADDRESS

ROD@AEENGINEERINGINC.COM

C. PROPOSED TEAM

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

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.			X	<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE		
b.				AE Engineering Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	9180 Silver Glen Way, Lake Worth, FL, 33467	Construction Engineering and Inspection Services (CEI) and Architect 10.1, 10.4
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Roderick Myrick, P.E.	13. ROLE IN THIS CONTRACT Principal in Charge/ Project Manager / Sr. Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> AE Engineering, Inc. – Lake Wort, FL		AE ENGINEERING, INC. Civil Engineering • CEI • Construction Management	
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS Civil Engineering, University of Florida, 1996		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> State of Florida PE No. 56969	

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

Florida Certified General Contractor License No. 1511653 TIN# M620725711660; Final Estimates Level 1, and Level 2, Nuclear Surface Moisture Density Certification, QC Manager, IMSA - WZTC Safety Program, ATTSA- Advance MOT, NPDES Storm Water Inspector, FDOT Critical Structures Certified, SSPC Bridge Coatings Level 1

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	SR-A1A from East of Mercedes River Small Bridge to Sunrise Boulevard (T4407, FIN 430601-1-52-01)	<input type="checkbox"/> Check if project performed with current firm	CONSTRUCTION <i>(if applicable)</i> 3/2016-6/2017
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Project Engineer- The SR A1A corridor is an urban arterial along the beachfront in the City of Fort Lauderdale. The project scope includes milling and resurfacing, minor roadway reconstruction, construction of sidewalk and driveways, signing & pavement markings, pedestrian crossings improvements (including signalization improvements and in-roadway lighting assemblies), and minor drainage improvements that connect to the existing drainage.			
b.	SR-715/SW-NW 16th Street from SR-717/W Canal Street to SR-15 Project (FIN 428722-1 52-01)	<input type="checkbox"/> Check if project performed with current firm	CONSTRUCTION <i>(if applicable)</i> 2/2016-2/2017
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Project Engineer -The major work function on the project includes milling and resurfacing and shoulders widening. Additional scope includes proposed sidewalk on the south side, guardrails, minor drainage and signing and pavement marking improvements.			
c.	FDOT D-4 General Assigned Contract:	<input type="checkbox"/> Check if project performed with current firm	CONSTRUCTION <i>(if applicable)</i> 12/2014-03/2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Project Engineer – The Improvements under this Contract consist of Bridge rehabilitation along SR A1A over Hillsboro Inlet including deck replacement, bascule leaf structural and drive machinery repair, new sidewalk construction, traffic railing construction, pedestrian railing construction and fender system upgrades.			
d.	FDOT FM# 43368846201 Washout from South of NE 14 Court to North	<input type="checkbox"/> Check if project performed with current firm	CONSTRUCTION <i>(if applicable)</i> 11/2014- 2/2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Project Engineer – This project is located in the City of Fort Lauderdale, an urban arterial lane with bi-directional, semi continuous center turn lanes with on-street parking and marked bicycle lanes. The typical will be maintained at the same configuration to include additional decorative features and include reconstruction of approximately 3000LF, which is the entire projects length. Other major project elements include the installation of decorative elements to include a wall, pavers and beach shower installations			
e.	Florida Keys Overseas Heritage Trail, Windley Key Trail Segment, Florida, FDEP District 6	<input type="checkbox"/> Check if project performed with current firm	CONSTRUCTION <i>(if applicable)</i> 3/2014 – 12/2014
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Project Engineer- A 210 day project, \$560,000 LAP Project, The Windley Key Trail Segment, consisted of the construction of a new 8’ to 12’ variable-width paved bicycle/pedestrian trail segment adjacent to the Ocean side of U.S. 1 within the DOT right-of-way, from Whale Harbor Bridge (South terminus) to Snake Creek Bridge (North terminus). Components include base stabilization, new paved trail, storm water management swales, minor landscaping, sod, signage and striping.			

	(1) TITLE AND LOCATION <i>(City and State)</i> City of Oakland Park; NE 34th Court Improvements between NE 2nd Avenue and 11th Avenue Project	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 4/2014 – 11/2015
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager/Quality Assurance Officer - Mr. Myrick is responsible for the quality assurance inspection, review of pay applications and as-built drawings on a monthly basis. Scope of work consists of installation of storm drain piping and structures, water main, lighting and coordination, including other infrastructure improvements including landscaping, driveways, pavement, sidewalks, fences and other miscellaneous items shall be restored to their original condition or better.		
	(1) TITLE AND LOCATION <i>(City and State)</i> City of West Palm Beach; Clematis Street Improvements; LAP Project FM # 427652-1-58-01 (LAP Project)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 1/2014- 5/2014
g.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm As the Sr. Project Engineer; Mr. Myrick is responsible for the quality assurance inspection, maintaining and adherence of the contract records, approving the change orders, review of the as-built drawings and approval of the contractor's payments. The scope of work includes pedestrian, safety and landscape enhancements such as construction of a landscaped median and installation of additional landscaping, decorative lighting, tree grates, benches, bike racks, receptacles, sidewalk, milling and resurfacing, striping, signing and irrigation from Sapodilla Avenue to Tamarind Avenue.		
	(1) TITLE AND LOCATION <i>(City and State)</i> City of Oakland Park; NE 38th Street/Park Lane East Project from NE 11th Avenue to Andrews Avenue	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 9/2013 – 4/2015
h.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager/Quality Assurance Officer - Mr. Myrick is responsible for the quality assurance inspection, review of pay applications and as-built drawings on a monthly basis. Scope of work for this project includes the installation of a storm drain piping and structures, sanitary sewer main relocation, landscaping, irrigation, decorative lighting with coordination for utilities on NE 38 Street between Andrews Avenue and NE 11 th Avenue.		
	(1) TITLE AND LOCATION <i>(City and State)</i> 1595 Express Corridor Improvement (\$1.5 B) P3 Project	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 9/2010- 10/2014
h.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Director CEI Division - Calvin, Giordano & Associates (CGA) is part of the team that was selected as the Concessionaire's Construction, Engineering and Inspection (CEI) consultant on this project. Mr. Myrick manages the CGA staff team of Project Engineers and Inspectors on this fast track mega-construction project. Mr. Myrick's core duties include safety compliance, departmental management, technical assistance, Quality Assurance and financial review and analysis for the each project.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Bridge Deck Overlay I-95SR-9@I-595SR-862; FM 425995-1-52-01	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 1/2013-6/2013
h.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Myrick is the Sr. Project Engineer, overseeing the application of epoxy as an overlay system to rehabilitate 13 concrete bridge decks on I-95 between I-595 and the Tri-Rail Station. His duties include the review and monitoring of all construction documentation; ensure compliance with the Contract documents and Specifications. Attend all preconstruction, coordination and progress meeting for this and all adjacent projects.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Andres Atehortua	13. ROLE IN THIS CONTRACT Project Administrator	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION <i>(City and State)</i> AE Engineering, Inc. – Lake Worth, FL	 Civil Engineering • CEI • Construction Management
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science in Mechanical Engineering, 1999 Engineering School of the Pontifical Bolivarian University, Medellin, Colombia	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> General Contractor License # 1523157
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 TIN#:A363000760070: Certified Bridge Inspector, FL CBI #400, Safety Inspection of In-service Bridges (ALDOT), Advance MOT Training (FIU), OSHA Construction Safety & Health Training, Stormwater Management Inspection (DEP), Earthwork Construction Inspection - Level 1, (CTQP) Earthwork Construction Inspection - Level 2 (CTQP) Asphalt Paving Certification - Level 1 (CTQP) Asphalt Paving Certification Level 2 (CTQP), Nuclear Density Gauge Operator, SSI Open Water Diver; Drilled Shaft Inspector; Pile Driving Inspector; Final Estimates Level 1, Final Estimates Level 2; SSPC Bridge Coatings Inspector Program (BCI), ACI Field Testing Inspector Level 1, ACI Concrete Transportation Construction Inspector Certification Level 2, MSA Traffic Signal Level 1

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> FDOT D-4 General Assigned Contract: FDOT District 4; SRA1A Bridge No. 860011 Over Hillsboro Inlet; Project FM # 425935-1-52-01/425935-1-52-02:	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 11/2014- 3/2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 a. Project Administrator. Improvements include rehabilitation of existing span drive machinery including but not limited to drive motors, secondary reducer and new span locks replacement, Bridge pier structural retrofit to accommodate a new (2) two story Tender House building, replace east sidewalk with upgraded configuration, including new steel traffic rails and pedestrian rails from beginning of south approach to end of north approach. Replaced fender maintenance platforms and ships ladders, open grid decking replacement and concrete filled decking. New sidewalk plate supports, floor beam modifications, electrical upgrades, plumbing, renovate fender system with 66 pile repairs, Installation new plastic lumber decking and navigation lights. Cleaned and coated structural steel, applied Class 5 coatings. Installed new shaft/cantilevered sign, traffic gates, lighting foundations, added second tender house, installation of decorative statue, accent lighting and re-painting of bridge. Reconstruction and widening of N Riverside Drive under the Bridge including construction of new barrier wall along right shoulder.

(1) TITLE AND LOCATION <i>(City and State)</i> City of Oakland Park; NE 34th Court Improvements between NE 2nd Avenue and 11th Avenue Project –FPN 42965315801 Fed No: 8886109A	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 4/2014 – 1/2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 b. Project Administrator - Mr. Atehortua was responsible for supervision of contractor operations, quality assurance inspection, pay applications review, Monthly construction reports and as-built drawings. Scope of work consisted of installation of storm drain piping and structures, water main, sewer system adjustments, lighting and paving operations. Other infrastructure improvements included landscaping, driveways, pavement, sidewalks, fences and other miscellaneous items restored to their original condition or better.

(1) TITLE AND LOCATION <i>(City and State)</i> Rolling Oaks Park Trail Improvements, City of Miami Gardens	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 6/2014 – 10/2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 c. Project Administrator; On this 176 day (LAP) Project, as the Project Administrator/Contract Support Specialist, Andres was responsible for the contract records, preparing change orders, as-built drawings and processing contractor's payments. Mr. Atehortua reviewed and signed off on inspector's construction daily reports including applicable accuracy for paid quantities. Scope of work consisted of site preparation, earthwork, and construction of pedestrian asphalt path, lighting, and installation of outdoor exercise equipment, sign installation, pavement marking and striping installation.

(1) TITLE AND LOCATION <i>(City and State)</i> CEI Services for Brighton Reservation Harney Pond Road (Public Works Department – Transportation Division)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 2/2014 -9/2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 d. Project Administrator. Improvements include rehabilitation of existing span drive machinery including but not limited to drive motors, secondary reducer and new span locks replacement, Bridge pier structural retrofit to accommodate a new (2) two story Tender House building, replace east sidewalk with upgraded configuration, including new steel traffic rails and pedestrian rails from beginning of south approach to end of north approach. Replaced fender maintenance platforms and ships ladders, open grid decking replacement and concrete filled decking. New sidewalk plate supports, floor beam modifications, electrical upgrades, plumbing, renovate fender system with 66 pile repairs, Installation new plastic lumber decking and navigation lights. Cleaned and coated structural steel, applied Class 5 coatings. Installed new shaft/cantilevered sign, traffic gates, lighting foundations, added second tender house, installation of decorative statue, accent lighting and re-painting of bridge. Reconstruction and widening of N Riverside Drive under the Bridge including construction of new barrier wall along right shoulder.

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm	
<p>Project Administrator/Contract Support Specialist, Andres was responsible for the up keep of contract records, preparing change orders, as-built drawings and processing contractor's payments. Mr. Atehortua reviewed and signed off on inspector's daily reports so that contractor is credited with applicable and accurate pay quantities. The scope of work included the widening of 1.155 gross miles of roadway, installation of a raw water main line, construction of gravity walls, new concrete sidewalk, and addition of handrails and grading of existing swales. Also the relocation of power poles, during the construction of the project. Public outreach was conducted to minimize the impacts to the traveling public due to the proximity of the Pemayetv Emahakv Charter Middle School, Brighton Field Day and Rodeo Grounds, Sports Complex, Seminole Veterans Building, Police and Fire Station, Utilities Department, residential homes and living facilities and adjacent governmental buildings existing and under new construction (Public Safety Administration Complex).</p>	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
Old Cutler Rd Improvements Project and other miscellaneous CEI projects	PROFESSIONAL SERVICES CONSTRUCTION (if applicable) 2/2011 – 12/2013
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm	
<p>Project Administrator, Andres was responsible for coordination of all technical and construction activities for the Old Cutler Rd Improvements Project and other miscellaneous CEI projects. Overseeing contractor planning, schedules, conducting and coordinating assigned engineering work; monitoring work for compliance to applicable codes, standards and specifications, ensuring effective communication and coordination on assigned projects between all disciplines and all other project participants. Responsible to ensure that all assigned personnel are coordinating their activities with other project participants and that the requirements of the Contract are being satisfied, including processing of contractor's payment applications, budget monitoring and miscellaneous Office Engineering. Recently (March 2014), Old Cutler Road Improvements Project was awarded with the Project of the Year award by the Cuban American Association of Civil Engineers (CAACE)</p>	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
Project Manager- Construction of all underground utilities	PROFESSIONAL SERVICES CONSTRUCTION (if applicable) 2/2009 – 8/2011
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm	
<p>Project Manager. Construction of all underground utilities, Installation of miscellaneous underground structures, installation of main water main lines and services, installation of main sewer lines, excavation and preparation of footings and structural foundations, electrical duct banks and misc. utility feeds to new facilities. Ensured execution and construction in accordance with plans specifications, budget and schedule. Oversaw all construction activities from ordering of materials, equipment used, supervision of all crews (pipe installation, directional boring, grading, surveyors, sub-contractors, etc.), invoice payments, etc. Projects included, but not limited to:</p> <ul style="list-style-type: none"> ➤ Port of Miami Tunnel: Services included relocation of conflicting utility lines and emergency adjustments of existing utilities in conflict of proposed tunnel excavation path. ➤ MIC Earlington Heights Connector; FDOT/Miami Dade Transit: Construction of all underground utilities and structures including but not limited to installation of distribution main water lines and services, installation of main sewer lines a laterals, electrical duct banks and misc. utilities feeding the proposed facilities. ➤ Miami Intermodal Center (MIC) GMP #5 (WASD/FDOT): Existing Miami Dade Water and Sewer Department (WASD) Utilities Modifications and adjustments. Additional services included supervision of utilities installation and construction. Overall coordination with all agencies involved on the proposed utilities development for Miami Intermodal Center including FDOT, Miami Dade Transit Authority, Miami Dade Water and Sewer Department and MIA Airport. ➤ Miami Intermodal Center (MIC) Interchange Improvements Ramp #1 (Lejeune Road and NW 21st Street) Supervision of Road construction including but not limited to drainage, lighting, barrier walls, guardrail and paving operations. 	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
Project Administrator / Certified Bridge Inspector- State Road No.7 (US441), CEI Services, FDOT District Four	PROFESSIONAL SERVICES CONSTRUCTION (if applicable) 2001-2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm	
<p>Responsibilities included supervising a team of inspectors in charge of overseeing construction and roadway resurfacing and reconstruction operations throughout project phases. Responsible for overall construction procedures, attendance to project's scheduling and construction meetings. Duties included contract support, controlling all specification, compliance, materials certification, sampling and testing tracking. Also in charge of the monthly progress payment estimates and final estimate process.</p>	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Udin Dwarica-Ogeer	13. ROLE IN THIS CONTRACT Contract Support Specialist	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION <i>(City and State)</i> AE Engineering, Inc. – Lake Worth, FL	 AE ENGINEERING, INC. Civil Engineering • CEI • Construction Management
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> AAS / BT-Civil Engineering/Construction Management	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 TIN# D622840648040; CTQP - Asphalt Paving Level 1 and 2; CTQP - Final Estimates Level 1, and Level 2; Site Manager; EEO; Storm Water Erosion Inspector; EDMS; CTQP - QC Manager, MOT Advanced, Earthwork Level 1, Nuclear Radiation Safety/Hazmat, FDOT Critical Structures Certified, CSX/Roadway Worker Protection Certification

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
City of West Palm Beach CEI Services for 15th Street Beautification Project (FM 431652158/7801) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm a. Contract Support Specialist- The scope of the project is milling and resurfacing, construction of bulbouts, curbing and curb ramps, specialty pavement, bioswales, landscaping, trash receptacles, bike lane with acrylic coating and striping, along this 0.94 mile stretch of 15th street from Australian Avenue to North Dixie Highway. Torrance's role is to ensure the contractor is adhering to the plans and specification for this project, inspection, verification and material testing. He also assist with the EEO labor interviews, CUF reports and Jobsite bulletin board inspections.		6/2015-6/2016
FDOT FM# 43368846201 Washout from South of NE 14 Court to North (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm b. Contract Support Specialist- This project is located in the City of Fort Lauderdale, an urban arterial lane with bi-directional, semi continuous center turn lanes with on-street parking and marked bicycle lanes. The typical will be maintained at the same configuration to include additional decorative features and include reconstruction of approximately 3000LF, which is the entire projects length. Other major project elements include the installation of decorative elements to include a wall, pavers and beach shower installations		
City of Oakland Park; NE 34th Court Improvements between NE 2nd Avenue and 11th Avenue Project (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm c. Contract Support Specialist- Scope of work consists of installation of storm drain piping and structures, water main, lighting and coordination, including other infrastructure improvements including landscaping, driveways, pavement, sidewalks, fences and other miscellaneous items shall be restored to their original condition or better.		4/2014 – 11/2015
FDOT D-4 LAP Oversight Project Administrator through CGA's CEI General Services Contract C9855 for the two projects listed below: (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm FM# 425537-1-58/68-01 City of Coconut Creek Median Landscaping and Irrigation Improvements Lyons Road from Copans Road to Sawgrass Expressway; FM# 42553416201 City of Coconut Creek Educational Corridor Improvements- Phase III d. Project Administrator; Duties included: Attended pre-construction and bi-weekly progress meetings, conduct interim reviews of the project's progress and documentation, as per the Local Agency Program (LAP) Construction Administration Compliance audit forms and manual. Additionally, ensure the contractor and LAP Projects Administrator understands LAP agreement contractual requirements, such as the 30% self-performance requirements (23 CFR 635.116), FDOT Specifications and/or LAP Big Four, Buy America Certifications, all Environmental and Maintenance of Traffic reporting requirements and their correlation to Equal Employment Opportunity (EEO), Affirmative Action (AA), Disadvantaged Business Enterprise (DBE), and On-the Job Training (OJT) when applicable.		10/2013 – 3/2015
City of West Palm Beach; Clematis Street Improvements; LAP Project FM # 427652-1-58-01 (LAP Project) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm e.		1/2014- 5/2014

<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Contract Support Specialist- The scope of work includes pedestrian, safety and landscape enhancements such as construction of a landscaped median and installation of additional landscaping, decorative lighting, tree grates, benches, bike racks, receptacles, sidewalk, milling and resurfacing, striping, signing and irrigation from Sapodilla Avenue to Tamarind Avenue.</p>				
<p>(1) TITLE AND LOCATION <i>(City and State)</i></p> <p>City of Oakland Park; NE 38th Street/Park Lane East Project from NE 11th Avenue to Andrews Avenue</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="906 279 1167 363">PROFESSIONAL SERVICES</td> <td data-bbox="1167 279 1508 363">CONSTRUCTION <i>(if applicable)</i> 9/2013 – 4/2015</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 9/2013 – 4/2015
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 9/2013 – 4/2015			
<p>f. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Contract Support Specialist- Scope of work for this project includes the installation of a storm drain piping and structures, sanitary sewer main relocation, landscaping, irrigation, decorative lighting with coordination for utilities on NE 38 Street between Andrews Avenue and NE 11th Avenue.</p>				
<p>(1) TITLE AND LOCATION <i>(City and State)</i></p> <p>Bridge Deck Overlay I-95SR-9@I-595SR-862; FM 425995-1-52-01</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="906 516 1167 604">PROFESSIONAL SERVICES</td> <td data-bbox="1167 516 1508 604">CONSTRUCTION <i>(if applicable)</i> 1/2013-6/2013</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 1/2013-6/2013
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 1/2013-6/2013			
<p>e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Ms. Dwarica was the Contract Support Specialist, responsible for the contract records, preparing change orders, review and maintenance of the as-built drawings and processing contractor's payments. As the CEI for this project Calvin Giordano & Associates, Inc. (CGA) is overseeing the application of epoxy as an overlay system to rehabilitate 13 concrete bridge decks on I-95 between I-595 and the Tri-Rail Station at Broward Blvd. Additionally her duties include the review and monitoring of all construction documentation; ensure compliance with the Contract documents and Specifications. Attend all preconstruction, coordination and progress meeting for this and all adjacent projects.</p>				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Christina Yero	13. ROLE IN THIS CONTRACT Contract Support Specialist	14. YEARS EXPERIENCE a. TOTAL 7 b. WITH CURRENT FIRM 2	
15. FIRM NAME AND LOCATION <i>(City and State)</i> AE Engineering Inc. – Lake Worth FL		 Civil Engineering • CEI • Construction Management	
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS, Civil Engineering, University of Central Florida, 2009		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
CERTIFICATION: TIN# K552100876290; Final Estimate Level I and II, and is proficient in CITS/ EOC/EDMS/LAPIT Systems FDOT District 4 EEO/DBE/OJT Training, FDOT District 4 July Reporting Training, (2011) Local Agency Program Workshop D-4, Local Agency Plan and Florida Highway Administration Certification Computer-Base, Workshops attended; and is proficient in CITS/Biznet/EOC/EDMS/LAPIT Systems

19. RELEVANT PROJECTS			
		(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.		FDOT D-4 C9C31 – Continuing Inspection Support for Broward Operations Center (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Contract Support Specialist/ Assisting the Broward Operations Center, with 2-4 projects at a time, varying in scope from streamline, to push button, to conventional. Handle the day to day project organization and scanning of required documents, progress meeting attendance, minutes, and correspondence, collect and submit required time sensitive documents (certifications, quantities, field measurements, etc) and maintain/update time for project. Also handle the organization and preparation of the final estimate on the project.	Check if project performed with current firm CONSTRUCTION <i>(if applicable)</i> 11/2015 – 6/2017
b.		City of West Palm Beach CEI Services for 15th Street Beautification Project (FM 431652158/7801) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lap Specialist/CSS - The scope of the project is milling and resurfacing, construction of bulbouts, curbing and curb ramps, specialty pavement, bioswales, landscaping, trash receptacles, bike lane with acrylic coating and striping, along this 0.94 mile stretch of 15th street from Australian Avenue to North Dixie Highway. Torrance's role is to ensure the contractor is adhering to the plans and specification for this project, inspection, verification and material testing. He also assist with the EEO labor interviews, CUF reports and Jobsite bulletin board inspections.	X Check if project performed with current firm CONSTRUCTION <i>(if applicable)</i> 6/2015 – 2/2016
c.		SR A1A reconstruction project in District 4 (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Christina is currently assisting our Sr. Project Engineer with the Final Estimate preparation. Her duties have included certifying accuracy of project quantities, asphalt lot package review and resolving outstanding materials status issues prior to final acceptance. Christina is a well-rounded engineer that is meticulous and extremely detailed in her approach to Quality Assurance and Final Estimate preparation.	X Check if project performed with current firm CONSTRUCTION <i>(if applicable)</i> 11/ 2015 to 2/2016
d.		City of Kissimmee, Florida: Construction Engineering Inspection Services; Pedestrian Bridge over John Young Parkway and Shingle Creek Regional Trail (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Contract Support - The projects included pedestrian accessibility improvements at two locations within the City. Ms. Yero provided FDOT reimbursement oversight and ensured LAPIT entries are up to date in all aspects of the project. Also assisted in change order requests and correspondence on behalf of the City.	Check if project performed with current firm CONSTRUCTION <i>(if applicable)</i> 01/2014-11/2015
e.		City of Daytona Beach, Florida, Construction Engineering Inspection, Orange Avenue Mast Arm Traffic Signals (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Contract Support - The project included reconstruction of traffic signals with mast arms including Accessible Pedestrian Signals (APS) along Orange Avenue. Ms. Yero was responsible for handling LAPIT requirements on behalf of the city and reviewing/preparing the monthly reimbursement packages on behalf of the city, to submit to FDOT.	Check if project performed with current firm CONSTRUCTION <i>(if applicable)</i> 06/2014-11/2015
f.		(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED

	District 5 Construction Special Projects, Florida Department of Transportation	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 05/2011- 05/2013
	<small>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</small> <small>Check if project performed with current firm</small> Contract Support Specialist- Ms. Yero served as an in-house District construction support consultant. Her expertise is with the Special Projects group, specifically the Local Agency Program (LAP) and Stimulus projects. Her experience with FDOT includes extensive project invoice reviews and processing, daily local agency support and correspondence, creating LAPIT software tutorials, and oversight and review of vital contract documents such as change orders, supplemental agreements, LAP agreements, time extensions, bid packages, and required FHWA forms for over 100 federally funded projects.		
g.	Construction Engineering Inspection, City of South Daytona, Florida: South Ridgewood Avenue, Oak Lea Drive and Big Tree Road/Magnolia Avenue	<small>(2) YEAR COMPLETED</small>	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 01/2012 -02/2013
	<small>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</small> <small>Check if project performed with current firm</small> Contract Support Specialist-The projects included roadway improvements for South Ridgewood Avenue; bridge replacement on Oak Lea Drive; and intersection improvements at Big Tree Road/Magnolia Avenue. Ms. Yero's contract support efforts included daily report reviews, weekly meeting minutes/agenda preparation, and invoice QC/preparation for the City to submit to FDOT for reimbursement.		
h.	SR 189 Bridge Design over Five Mile Bayou, Florida Department of Transportation – District 3:	<small>(2) YEAR COMPLETED</small>	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 12/2009-04/2010
	<small>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</small> <small>Check if project performed with current firm</small> Project Engineer and Public Information Representative- provided the replacement design of two structurally deficient, tidally-influenced bridges and approach roadways on SR 189 in Okaloosa County. The design included a single span, cast-in-place concrete flat slab superstructure with 18-in. prestressed concrete pile end bents, similar to the existing design. Concrete sheet pile walls in front of the end bents were used to provide support for the approach roadway fill and to maximize the channel opening for marine traffic. The project included complex MOT and phased construction to maintain two lanes of vehicular traffic in each direction throughout the construction duration. Ms. Yero participated in the public information administration of the project including research and contact of property owners, coordination of public meeting advertising and notifications, preparation and distribution of letters to elected and unelected officials, setup and coordination with FDOT and the Design Project Manager, as well as hosting the meeting and addressing the follow-up efforts.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Erica Valencia	13. ROLE IN THIS CONTRACT Resident Compliance Specialist	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION <i>(City and State)</i> AE Engineering, Inc. – Miami, FL	 AE ENGINEERING, INC. Civil Engineering • CEI • Construction Management
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> High School Degree	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

State Contract Compliance Workshop, Local Agency Program Workshop, EEO Computer Based Training and LAPIT Information Tool, Earthwork, Nuclear Radiation Safety, Hazmat Certification, Structures: Augercast Pile, Critical Structures, Construction Issues.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
SR 5/OVRSEAS HRT.TRL AT MM 47 (KNIGHTS KEY) PEDESTRIAN UNDERPASS/ADA – FDOT FM No. 428061-1-58-01 - \$1,205,000.00		9/2016- On Going
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm RCS / Construction Coordinator - Responsible for monitoring the contractor's performance to ensure they comply with all Federal Compliance, FHWA 1273, EEO, DBE and Prevailing Wage Rate Provisions. Contact review of FHWA 1273, Title IV, Executive Order 11246, Wage Rate Table and DBE Goal. Ensure the prime contractors incorporates FHWA 1273 to all subcontractors agreements and purchase orders, explain procedures and forms posted on the Job Site Bulletin Board, DBE participation commitments into EOC, EOC entry of Bid Opportunity List, Certification of the Sublet Work, Prime and Subcontractor's Certified Payrolls, Labor Interviews, Commercially Useful Function (CUF's), EEO Officers, July Reports and all project files are entered into LAPIT. Compliance Audits conducted at 60% and 90% at the district office.		
SR 5/OVRSEAS HRT.TRL AT SPANISH HARBOR HISTORIC BRIDGE (MM 33) FM No. 422628-1-58-01 - \$3,160,893.00		9/2016 – 2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm RCS / Construction Coordinator - Description of work performed; Responsible for monitoring the contractor's performance to ensure they comply with all Federal Compliance, FHWA 1273, EEO, OJT, DBE and Prevailing Wage Rate Provisions. Contact review of FHWA 1273, Title IV, Executive Order 11246, Wage Rate Table and DBE Goal. Ensure the prime contractors incorporates FHWA 1273 to all subcontractors agreements and purchase orders, explain procedures and forms posted on the Job Site Bulletin Board, DBE participation commitments into EOC, EOC entry of Bid Opportunity List, Certification of the Sublet Work, Prime and Subcontractor's Certified Payrolls, Labor Interviews, Commercially Useful Function (CUF's), EEO Officers, July Reports and all project files are entered into LAPIT. This federal aid contract includes On the Job Training (OJT) of 2 trainees, monitoring the prime contractor to ensure the program requirements are met. Compliance Audits conducted at 60% and 90% at the district office.		
Local Agency Program (LAP) - FDOT District 6 LAP		1/2013 – 9/2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm RCS Compliance Auditor - Responsible for ensuring Federal Compliance on all Local Agency Projects (LAP) assigned to FDOT district 6. Responsible for Contract Administration of over 40 LAP federally funded projects for Miami Dade and Monroe County. Perform oversight Compliance Audits at several stages of the projects. Review of LAP contracts to ensure proper requirements such FHWA 1273, title VI, executive order 11246, and Local Hiring, DOL Wage Rate Tables and FDOT DBE goal. Regular project site visits to monitor compliance.		
SR 5/US 1/South Dixie Highway Grouping, (FDOT FIN 410625-1-52-01, 410625-2-52-01, 410625-1-56-01 and 410625-2-56-01) - \$11 million		1/2010 – 1/2013
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Resident Compliance Specialist - Responsible for Equal Employment Opportunity Oversight and On-the-Job Training Program, maintaining a comprehensive filing system, performing all EDMS system scanning, and tracking all requests for information, non-conformance reports, and shop drawings.		
NW 12th Avenue Bascule Bridge Project, FDOT FIN 249640-1-52-01 - \$65 million		9/2006 – 5/2010

<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Resident Compliance Specialist - Assisted with roadway inspection duties, developing Inspector position skills to improve her understanding of for the work items she oversees as Resident Compliance Specialist. This federal aid contract included 17 trainees, for which she was tasked with tracking and conducting proficiency exams. Performed EDMS system scanning for all Contract correspondence and documentation. Accountable for a comprehensive filing system and for tracking all requests for information, non-conformance reports and shop drawings. Work includes one mile of urban roadway reconstruction and bascule bridge replacement across the Miami River and through the busy Civic Center corridor, which includes the Miami-Dade County Jail and Courthouse, the Orange Bowl Stadium, Jackson Memorial Hospital and Veterans Hospital.</p>				
<p>(1) TITLE AND LOCATION (City and State)</p> <p>NW 5th Street Bascule Bridge Replacement Project, FDOT FIN 412808-1-52-01</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="906 415 1166 457">PROFESSIONAL SERVICES</td> <td data-bbox="1166 415 1508 457">CONSTRUCTION (if applicable) 9/2006 - 5/2010</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 9/2006 - 5/2010
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 9/2006 - 5/2010			
<p>f. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Assisted with roadway inspection duties, developing Inspector position skills to improve her understanding of work items. Performed EDMS system scanning for all Contract correspondence and documentation. Accountable for a comprehensive filing system and for tracking all requests for information, non-conformance reports and shop drawings. Work includes one mile of urban roadway reconstruction and bascule bridge reconstruction across the Miami River.</p>				
<p>(1) TITLE AND LOCATION (City and State)</p> <p>W 12th Avenue South Roadway Project, FDOT FIN 414643-1-52-01 - \$4 Million</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="906 688 1166 730">PROFESSIONAL SERVICES</td> <td data-bbox="1166 688 1508 730">CONSTRUCTION (if applicable) 9/2006 - 5/2010</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 9/2006 - 5/2010
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 9/2006 - 5/2010			
<p>g. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Assisted with roadway inspection duties, developing Inspector position skills to improve her understanding of work items. This federal aid contract included 3 trainees, where she was tasked with tracking and conducting proficiency exams. Work includes two miles of urban roadway reconstruction through the heavily congested Little Havana neighborhood.</p>				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Chris Morris	13. ROLE IN THIS CONTRACT Sr. ITS - Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION <i>(City and State)</i> AE Engineering, Inc. – Lake Worth	 AE ENGINEERING, INC. Civil Engineering • CEI • Construction Management
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 TIN# M620105720220; CTQP Asphalt Paving Technician Level 1 & 2, CTQP Earthwork Inspection Level 1 & 2, Concrete Field Technician – Level 1, Drilled Shaft Inspection, QC Manager, ACI Concrete Field Testing Technician – Grade 1, Advanced MOT, IMSA Traffic Signal L1, IMSA Traffic Signal Field Electrician - L 2, Radiation Safety Nuclear Density Cert, HAZMAT, FDEPS Stormwater Inspector, Americans with Disabilities Act Compliance FDOT Construction Academy, 2008, Auger Cast Pile Inspector's course, Critical Structures Construction Issues Course, FEMA IS 100.a, 200.a, 700.a, and 800.b. Final Estimates L1, IMSA Fiber Optic L1, IMSA Fiber Optics L2

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	FDOT D-1 CEI Continuing Services Contract (C9P31, FIN: 431325-1-62-01) US 27 @ Highlands Ave.		2/2017- 3/2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Inspector - Hybrid Project - Scope of this project is the addition of right turn lanes at US 27 and Highlands Avenue. Project consist of milling & resurfacing, roadway widening, ITS, drainage improvements, complex traffic shifts (MOT), and SPM. Duties included: maintenance of a project dairy, contractor's schedule review and recommendations, evaluate requests for information, review and recommendations on the acceptance of the contractor's monthly estimate, inspection of construction assembly, witness and perform material testing, conduct maintenance of traffic and compliance reviews, process claims and changes and compile punch list.		
b.	I-95 3A-1 Express Lanes (E4Q32, FIN 433108-4-52-01)		3/2016- 1/2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Assistant Project Administrator & Sr. Inspector - Scope of this project is 13 bridge widenings (2 new), Interstate widening, full reconstruction, ITS, MOC, drainage enhancement, milling & resurfacing, complex traffic shifts (MOT), MSE walls, sounds walls, signalization, etc. Duties included: Field inspection, documentation of as-built conditions, internal design coordination, constructability reviews, reviewing price quotes for materials and subcontractors, material procurement, plan quantity take offs, safety meeting, scheduling and QC management.		
c.	SR 70 Widening and US 441 @ SR 70 Intersection Improvements		5/2014 - 3/ 2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm As Assistant Project Administrator & Contract Support Specialist- Mr. Morris has managed construction field office, administered all scheduling for inspection staff, review action request prior to submitting to FDOT, prepare Supplemental Agreement, Unilateral packages and Work Orders, process time extension packages, weather, holiday, and CPPR letters and enter change orders into Site Manager, complete Contractor's Past Performance rating report into CIM system, review, approve and code materials samples into the LIMS system. Address Contract time issues and maintain contract time file. Performed constructability reviews on plans prior to plan revisions being submitted to the contractor.		
d.	I75 Freeway Management System (FMS / ITS) (C9470, FIN 414730-1-62-01, 414732-1-62-01, and 414736-1-62-01)		4/2012- 3/2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Asst. Project Administrator / Contract Support Specialist, provided project administration and contract support services on I-75 from the Charlotte C/L to Manatee C/L as well integration into the Manatee County Traffic Operations Center and SunGuide Center in Fort Myers. This 760-day project was designed, installed, and integrated the FMS field elements, including closed-circuit television (CCTV) cameras, dynamic message signs (DMS), a road weather information system (RWIS), highway advisory radios (HAR), non-intrusive microwave vehicle detectors, an emergency generator back-up system and fiber optics communications cable and transmission equipment along approximately 53 miles of I-75 throughout Sarasota and Manatee counties. Estimated budget of \$30 Million.		
e.	District Wide CCEI Support A Contract, Push Button Projects (C9113, FIN 427399-2-52-01 & 427321-1-52-01)		5/2011 - 5/2012

(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm PA/Contract Support Specialist, provided overall project administration on the Design TWO #10; SB US 27 at EB SR 60 in Polk County. Add left turn signal - poles and span wire needed; Design TWO #4; US 17 at Central in Polk County. Replace signal and add left turn phasing to US 17; Design TWO #8 SR 17 at Lakeview Drive, Highlands County. Replace existing signal with mast arm structures; Design TWO #5, SR 540 Lake Ruby Drive, Polk County. Replace existing signal w/box span; Design TWO #13; SR 540 at Legoland in Polk County. The project consisted the construction of dual left lanes from NB SR 540 to WB Kehoe Way (Legoland); milling, resurfacing, signage, mast arm and signals construction; In-House Design TWO #19; US 98 Bella Vista in Polk County. This project consisted of advanced emergency signal flashers. Duties included preparing Final Estimates, generate monthly progress estimates, obtaining all required documentation to forward to DOT.			
(1) TITLE AND LOCATION (<i>City and State</i>) I75 Design / Lee County Line to Sarasota County Line, FMS Project		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
			9/2009 - 4/2011
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Contract Support Specialist: Project included CEI Services for 23 mile ITS Project in Charlotte County. As Contract Support Specialist, my responsibilities included tracking of all ITS submittals (more than 250 individual component submittals) for all ITS devices, plan submittals, test procedures and training procedures. In addition, I was responsible for tracking of the progress of the work in accordance with the CPM Schedule and Schedule of Values as well as preparation of all work orders and supplemental agreements. This \$10 Million construction project included the installation of new fiber optic conduit and cable, controller cabinets, CCTV cameras, Motor Vehicle Detection Systems, Highway Advisory Radios, an RWIS (weather station) and Dynamic Message Signs, including a full span truss sign south of the Peace River.			
(1) TITLE AND LOCATION (<i>City and State</i>) FDOT D-1 Hybrid CEI 5 Design / Lee County Line to Sarasota County Line, (C8M09, FIN 40675926201 & 41256416201)		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
			11/ 2008 - 9/2009
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Sr. Lead Inspector: Duties included project supervision/administration, safety, quality control and roadway inspections on these milling and resurfacing projects.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Mike Latulippe	13. ROLE IN THIS CONTRACT Sr. Roadway/Bridge Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION <i>(City and State)</i> AE Engineering, Inc. – Lake Worth, FL	 AE ENGINEERING, INC. Civil Engineering • CEI • Construction Management
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 CTQP – QC Manager, CTQP - Final Estimates - Levels 1 and 2, CTQP - Asphalt Paving Technician - Levels 1 and 2, ACI - Concrete Field Technician - Level 1, ACI - Concrete Transportation Construction Inspection-Level 2, CTQP – Concrete Field Inspector Specification, CTQP – Earthwork Construction Inspection – Levels 1 and 2, Nuclear Gauge Operator Humbolt, CTQP – Pile Driving Inspection, CTQP – Drilled Shaft Inspection, ATSSA - Advanced MOT, FDEP – Stormwater Management Inspector

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT D-4 General Assigned Contract:	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 1/2015 – 3/2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm SR A1A Bridge No.860011 Over Hillsboro Inlet – TWO 17 C9855 Sr. Inspector: The Improvements under this Contract consist of Bridge rehabilitation along SR A1A over Hillsboro Inlet including deck replacement, bascule leaf structural and drive machinery repair, new sidewalk construction, traffic railing construction, pedestrian railing construction and fender system upgrades.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i> 43307016201; 23rd Street from Tamarind Avenue to Spruce Avenue	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 5/2015 – 6/2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Sr. Inspector - The project is being constructed in accordance with an ongoing Safe Routes to School program and will provide ADA compliant connectivity through the community with the installation of sidewalk, curb ramp and signing & pavement markings upgrades. Additional improvements include lighting, 1" milling & resurfacing, drainage installations, cured in place liner repairs to the existing drainage system and bulb-outs for future landscaping.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District 4, Palm Beach County Soundwall @ Golfview Harbor Estates. FIN 424131-1-52-01	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 1/2014 10/2014
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Latulippe serves as the Senior Inspector for this Hybrid project which includes construction of a new drainage system, shoulder mounted 14' Traffic Railing/Sound Wall with reconstruction of the existing bridge connections and cast-in-place footing for the 22' precast soundwall. Responsibilities include maintenance of a project dairy, contractor's schedule review and recommendations, evaluate requests for information, review and recommendations on the acceptance of the contractor's monthly estimate, inspection of construction assembly, witness and perform material testing, conduct maintenance of traffic and compliance reviews, process claims and changes and compile punch list.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District 4, SR-704/Okeechobee Blvd from E of Military Trail to E of Red Trail, 427020-1-52-01	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 2/2013 – 1/2014
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mike served as the Senior Inspector on this Davis productivity award winning project that consisted of milling and resurfacing with friction course, ADA ramps, drainage improvements, signalization, signing and pavement markings.			
e.	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District 4, US-1 Boca Raton, FIN 424646-1-52-01/424646-1-52-02	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 7/2012 – 2/2013
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mike served as the Senior Inspector on this Hybrid FTBA award winning project which entails improvements under this RRR Contract for S.R. 5 (US-1) from SE 5 TH Street to north of SR 808 (Glades Road) The project includes downtown beautification, milling and resurfacing, signalization upgrades, drainage improvements, ADA & safety improvements, signing & pavement markings replacement.			
f.	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District 4, SR-808/Glades Road from Boca Lakes Drive to Florida's Turnpike, FIN 424644-1-52-01	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 6/2012 – 07/2012

<input type="checkbox"/> (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mike served as a senior inspector on this Hybrid project which consisted of resurfacing SR 808/Glades Road from Boca Lakes Drive to Florida's Turnpike. Improvements also include signing, pavement, marking, signalization, and upgrades to meet current ADA requirements.		
<input type="checkbox"/> (1) TITLE AND LOCATION (<i>City and State</i>) SR-9/1-95 / Palm Beach County: Overhead sign and safety improvements.	(2) YEAR COMPLETED	
	<table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>) 6/2012 – 07/2012</td> </tr> </table>	PROFESSIONAL SERVICES
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>) 6/2012 – 07/2012	
<input type="checkbox"/> (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm 8. Mr. Latulippe served as the Senior Inspector for this Hybrid project which includes drilled shafts / cantilevered signs and striping safety improvements. Responsibilities include maintenance of a project diary, contractor's schedule review and recommendations, evaluate requests for information, review and recommendation on the acceptance of the contractor's monthly estimate, inspection of construction assembly, witness and perform material testing, conduct maintenance of traffic and compliance reviews, process claims and changes and compile punch list.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Dennis Townsend	13. ROLE IN THIS CONTRACT Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION (City and State) AE Engineering, Inc.	 Civil Engineering • CEI • Construction Management
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16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 TIN# T525172694660; FDOT Intermediate MOT, Radiation Safety Certified, FDOT - CTQP Asphalt Paving Technician Level I, FDOT - CTQP Asphalt Paving Technician Level II, FDOT - CTQP Concrete Field Technician Level I, FDOT - CTQP Earthwork Construction Inspection Level II, Final Estimate Level I, IMSA Traffic Signal Inspector Level I, Stormwater Management.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	FDOT D-1 CEI Continues Contract C9P31 - FM: 431340-1-62-01 SR 64 @ SR 636, Hardee County		12/2016 – 6/2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Inspector- for this Hybrid project-Scope of this project is an intersection improvements. Project consist of milling/ resurfacing, roadway widening, ITS, drainage enhancement, complex traffic shifts (MOT), and SPM. Responsibilities include: maintenance of a project dairy, contractor's schedule review and recommendations, evaluate requests for information, review and recommendations on the acceptance of the contractor's monthly estimate, inspection of construction assembly, witness and perform material testing, conduct maintenance of traffic and compliance reviews, process claims and changes and compile punch list.		
b.	District Three, Inspector, SR 8 (I-10) from East of SR 57 (US 19) to the Madison County Line in Jefferson County Project: FIN# 432570-1-62-01		6/2016 – 11/2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Townsend's responsibilities includes inspecting and documenting the Contractor's activities on a daily basis, maintaining constant contact with the DOT Representative of daily Asphalt Plant production, checking cross slopes, maintaining and documenting quantities and ensuring plans and specifications are met.		
c.	District One, Bridge Inspector, SR 72 (Stickney Pt) from East of SR 758 to West of Beachwood Avenue Project: FIN# 425183-1-62-01		8/2014 - 5/2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project entails a complete bridge rehabilitation from mechanical, electrical to concrete work. Dennis is responsible for the inspection of most bridge rehabilitation activities ranging from Bascule bridge mechanical repairs and improvements, concrete repairs, joints replacement, MOT, etc.		
d.	District One, Bridge Inspector SR684 (Cortez Rd) from East of Gulf Drive to West of 127th Street West Project; 425413-1-62-01		8/2013 – 8/2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Dennis is responsible for the inspection of most bridge rehabilitation activities ranging from Bascule bridge mechanical repairs and improvements, concrete repairs, joints replacement, MOT, etc. This project entails a complete bridge rehabilitation from mechanical, electrical, to concrete work.		
e.	SR-62 from US-301 to SR-37 Milling and Resurfacing. FIN 195968-2-52-01; 195968-3-52-01 & 195968-4-52-01; Federal ID: 1601046P; Contract #: T1288		2/2005– 1/2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspector - This project consisted of milling and resurfacing of 22 miles of SR-62 to include drainage improvements. Responsible for Inspecting and documenting all phases of work such as Asphalt placement, concrete pours, maintenance of traffic, sign replacements and all other miscellaneous activities.		
f.	Ajax Plant; US 19 Manatee County; FDOT District One		10/2008– 1/2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Plant Inspector - Detail Inspection and Test preparation. Carry out mix designs and prepare job mix formulas (JFM) for asphalt work. Check calibration, accuracy and operation, and monitor quarry sites.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Torrance Thomas	13. ROLE IN THIS CONTRACT Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION <i>(City and State)</i> AE Engineering, Inc.	
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Blanche Ely High School, Pompano Beach, FL, High School Diploma, 2000	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 Earthwork Level 1, Asphalt Paving 1 and 2, FDOT Concrete Level I, ACI Level I, Intermediate MOT, Drilled Shaft, Intermediate MOT, Final Estimates I (Pending)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	43307016201; 23rd Street from Tamarind Avenue to Spruce Avenue		5/2015 – 2/2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspector- The project is being constructed in accordance with an ongoing Safe Routes to School program and will provide ADA compliant connectivity through the community with the installation of sidewalk, curb ramp and signing & pavement markings upgrades. Additional improvements include lighting, 1" milling & resurfacing, drainage installations, cured in place liner repairs to the existing drainage system and bulb-outs for future landscaping.		
b.	S.R 933 NW12th Ave 40thst-29th Miami Dade		3/2014 – 8/2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspector/Field Tech; QC Inspector, Duties consist of inspection, and materials sampling and testing for asphalt and concrete, monitoring work progress and quality, daily communication with the contractor regarding field adjustment and compliance with Technical Specifications.		
c.	195 Express Lanes Broward County;		3/2014 – 8/2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspector/Field Tech; QC Inspector, Duties consist of inspection, and materials sampling and testing for asphalt and concrete, monitoring work progress and quality, daily communication with the contractor regarding field adjustment and compliance with Technical Specifications.		
d.	Town of Jupiter; River Walk Plaza Project; LAP Project FM# 423811-58-01		3/2014 – 8/2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Andrews Ave/Copans Broward County Inspector/Field Tech; QC Inspector, Duties consist of inspection, and materials sampling and testing for asphalt and concrete, monitoring work progress and quality, daily communication with the contractor regarding field adjustment and compliance with Technical Specifications.		
e.	NW 25thst Doral, FPL Port Everglades		3/2015 – 8/2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspector/Field Tech; QC Inspector, Duties consist of inspection, and materials sampling and testing for asphalt and concrete, monitoring work progress and quality, daily communication with the contractor regarding field adjustment and compliance with Technical Specifications.		
f.	QC Inspector/Field Tech		2/2015 – 3/2014

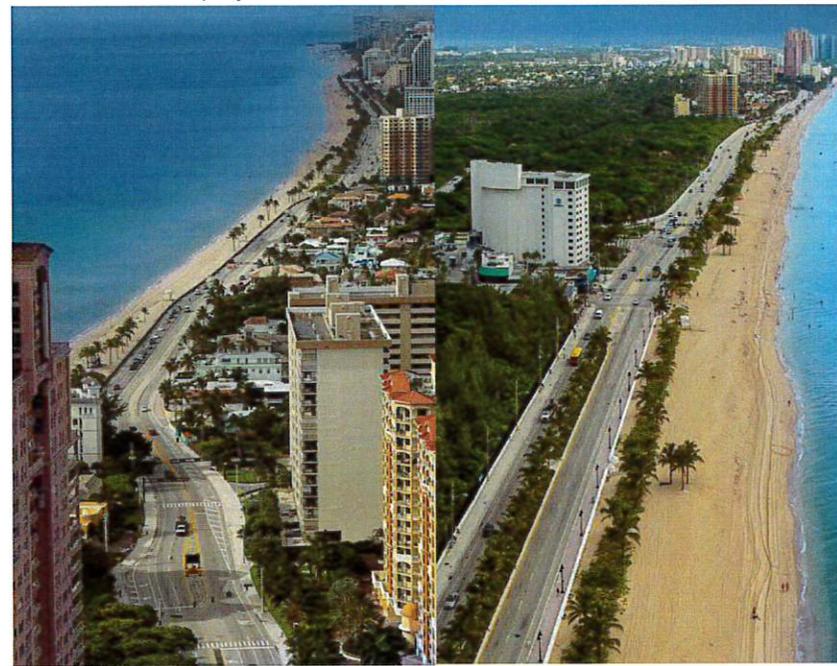
	<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE</p> <p>His duties consisted of quality assurance inspection for concrete placement. Complete inspector's daily reports in a timely manner, monitored and ensured the contractor has a complete understanding of projects constraints. Maintained close communication with the contractor regarding field adjustment, and compliance with Technical Specifications.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm		
	<p>(1) TITLE AND LOCATION <i>(City and State)</i></p> <p>QC Inspector Coastal Construction Projects</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="927 317 1183 386">PROFESSIONAL SERVICES</td> <td data-bbox="1183 317 1487 386">CONSTRUCTION <i>(if applicable)</i> 1/2009 – 02/2012</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 1/2009 – 02/2012
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 1/2009 – 02/2012			
g.	<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE</p> <p>Duties included review and interpretation of plans, blueprints, specifications, and construction methods to ensure compliance. Performed site inspections, vibration & settlement monitoring. Environmental compliance is critical on coastal project due to their locations.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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
21. TITLE AND LOCATION (City and State) FM 433688-4-52-0; Florida SR A1A Washout from South of NE 14TH to North of NE 18TH Street	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 7/2014 – 12/2015

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT D-4	b. POINT OF CONTACT NAME Yveins Jean-Pierre, P.E. Fort Lauderdale, Florida	c. POINT OF CONTACT TELEPHONE NUMBER (954) 776-4300

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

The limits of the project on A1A are located South of NE 14th Ct. to North of NE 18th St. Which include numerous single



family residences, condominiums, Hugh Taylor Birch State Park entrance, and current beach parking and beach access. Previous storms collapsed portions of A1A, including sidewalks and parking spaces on the east side. The current configuration, which included an initial sheet pile wall that will be incorporated into the final wave wall, was designed only as a temporary solution in order to protect the roadway from further erosion. This project will provide permanent improvements that address existing roadway deficiencies, erosion, and stormwater management, while adding aesthetically pleasing features that are critical to this Scenic and Historic Coastal Highway.

The new configuration of A1A will be a multi-lane roadway with bicycle lanes and parallel parking with a landscape median. The project includes a french drain system, milling and resurfacing, pavement markings, new mast arms, traffic signals, signal heads, pedestrian detection, traffic controllers, decorative wave wall with accent lighting, brick paver sidewalks, irrigation, decorative turtle friendly pedestrian lighting and decorative beach access enhancements with showers. Some of the activities that our CEI team has been undertaking during construction include; on-site inspection and monitoring, sampling, daily inspection reports, verification of test data and information, erosion control and stormwater, sea turtle monitoring and quality contract administration.

Current Construction Cost: **\$11,791,415.72**

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME AE Engineering Inc.	(2) FIRM LOCATION (City and State) Lake Worth, Florida	(3) ROLE Subconsultant Construction Engineering Inspection / Construction Management 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 2
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21. TITLE AND LOCATION (City and State) FM# 42605316201 SR-812/Hooker Highway from SR-715 to SR-15/US-441	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 5/2015 – 2/2016

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT D-4	b. POINT OF CONTACT NAME Jacques Beaubrun, P.E. FDOT D-4 Palm Beach Construction	c. POINT OF CONTACT TELEPHONE NUMBER 516-432-4966

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



The major work function for this project included safety enhancements to include shoulder widening, guardrail installation, sidewalk with detectable warning surfaces and closely placed RPMs. Other improvements included subsoil excavation, geogrid reinforcement for soil stabilization, minor drainage milling and resurfacing and cross-slope correction via overbuild were included.

Construction Cost: \$809,000.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME AE Engineering Inc.	(2) FIRM LOCATION (City and State) Lake Worth, Florida	(3) ROLE Prime Consultant- Construction Engineering Inspection / Construction Management 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 3
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21. TITLE AND LOCATION (<i>City and State</i>) Atlantic Blvd. (SR 10) Resurfacing from Brookview Drive to Kernan Drive	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 1/2012-7/2012

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT D-2	b. POINT OF CONTACT NAME Brian Benton, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 904-360-5544

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

The improvements under this project consisted of resurfacing, restoring and rehabilitating (RRR) the existing pavement of SR 10 (Atlantic Blvd.), including milling & resurfacing, pavement and curb & gutter repair, drainage improvements, sidewalk and pedestrian ramp reconstruction, signing and pavement markings as well as minor signalization improvements. Operations consisted of replacing a leaking drainage lateral with a new 24" RCP lateral.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME AE Engineering Inc.	(2) FIRM LOCATION (<i>City and State</i>) Jacksonville, Florida	(3) ROLE Prime Consultant- Construction Engineering Inspection / Construction Management Services
b.		
c.		

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
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21. TITLE AND LOCATION (City and State) FM: 43307016201 23rd Street from Tamarind Avenue to Spruce Avenue	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if appl.) 5/2015- 2/2016

a. PROJECT OWNER FDOT D-4 Palm Beach Construction	b. POINT OF CONTACT NAME Mathew Carlock, P.E. 7900 Forest Hills Blvd, West Palm Beach, FL 33413	c. POINT OF CONTACT TELEPHONE NO. (561) 370-1127
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

AE Engineering Inc. was responsible for the construction engineering inspection services on this project. Which included; contract administration, inspection, and materials sampling and testing.

The project was constructed in accordance with an ongoing Safe Routes to School program and provided ADA compliant connectivity throughout the community. The scope of work consisted of the installation of sidewalks, curb ramps and signing & pavement markings upgrades. Additional improvements included lighting, 1" milling & resurfacing, drainage installations, cured in place liner repairs to the existing drainage system and bulb-outs for future landscaping beautification. Construction Cost \$931,386.90



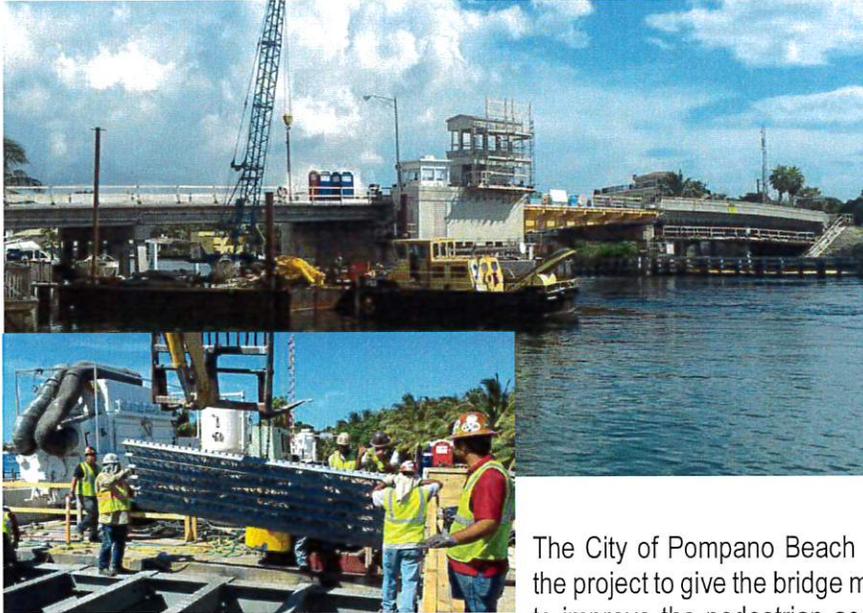
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	AE Engineering Inc.	Lake Worth, Florida	Prime – Construction Engineering Inspection
b.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 5
21. TITLE AND LOCATION (City and State) FM: 4259356201 Hillsboro Inlet Bridge Rehabilitation Project.	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 11/2014 – 2/2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Yveins Jean-Pierre, P.E. Fort Lauderdale, Florida	c. POINT OF CONTACT TELEPHONE NUMBER (954) 776-4300
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



The Florida Department of Transportation scheduled the Hillsboro Inlet Bridge for routine repair and rehabilitation work that began in 11/2014.

The Improvements under this contract consist of Bridge rehabilitation along SR A1A over Hillsboro Inlet including deck replacement, bascule leaf structural and drive machinery repair, new sidewalk construction, traffic railing construction, pedestrian railing construction and fender system upgrades.

The City of Pompano Beach and Town of Hillsboro Beach contributed to the project to give the bridge more aesthetically pleasing elements intended to improve the pedestrian accessibility and create a focal point gateway.

Some of those design elements included façade improvements to the bridge tender house, decorative railings, improved crash barricades and decorative lighting. Also a bronze Barefoot Mailman sculpture was erected to memorialize the pioneer history that took place in our region. Construction Cost \$7,562,477.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	AE Engineering Inc.	Fort Lauderdale, Florida	Sub Consultant- Construction Engineering Inspection Services
b.			

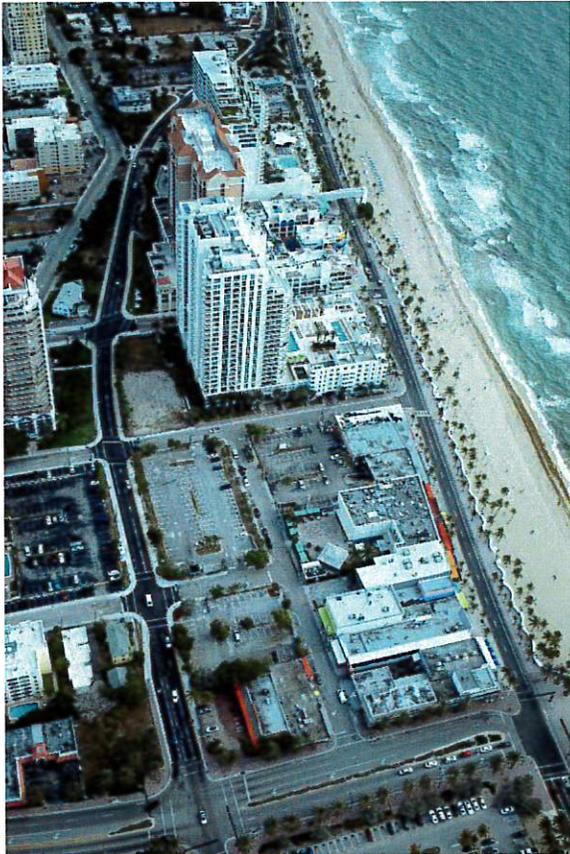
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 6
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21. TITLE AND LOCATION (City and State) SR A1A / Ft. Lauderdale Beach from Mercedes River to Sunrise Blvd.	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 3/2016 -6/2017

23. PROJECT OWNER'S INFORMATION/

a. PROJECT OWNER FDOT D-4	b. POINT OF CONTACT NAME -E David Schweiger, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954-734-3539
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



This project is located along SR A1A in Ft. Lauderdale Beach. The southern limit is the Mercedes River, just east of the 17th Street Causeway Bridge, and northern limit is Sunrise Blvd. The project also includes limits on Sunrise Blvd from just east of the ICWW Bridge to SR A1A. The improvements under this project included milling and resurfacing, addressing ADA sidewalk and curb ramp deficiencies, upgrading signing and pavement markings, signalization improvements, roadway widening, adding dedicated bike lanes, and drainage improvements. The project included lane rental provisions that were utilized effectively by the Contractor and Project team to mitigate impacts to residents, business and tourist along the corridor. The project included an in-roadway lighting system at 11 mid-block pedestrian crosswalks. The in-roadway lights are designed to alert motorists to the presence of a pedestrian crossing or preparing to cross the street. The amber lights are embedded in the pavement on both sides of the crosswalk which face oncoming traffic. The in-roadway light system is push button activated by the pedestrian entering the crosswalk alerting the motorist. The lights turn off after a set time or the time required for a pedestrian to safely cross the street. Prior to construction, the CEI construction project team researched and developed an extensive risk management plan that included identifying all project stakeholders and special events along the project limits and potential construction activities related to each stakeholder. *The project CEI team worked with the City, EOR and PIO staff to host an Open House event immediately after construction

start to mitigate project business owner, resident and Community concerns. Throughout the project, the CEI project team sustained a high level of community awareness and implemented the risk management plan. Paving was meticulously planned and phased to avoid impacts to residents, businesses and beach hotels in the area. For example, the CEI project team reached out to businesses and restaurants to determine their peak business hours. The paving operations were scheduled around these hours to mitigate impacts to their business operations. The project stakeholders received direct emails from the Project teams well in advance of the impending operations for drainage, paving and crosswalk installations to ensure impacts were minimized during the 300 plus day construction period. The team even went one step further by delaying paving operations if it was windy on the beach to avoid dust from blowing onto businesses, restaurants and people walking along the beach. To provide additional community and visitor awareness, the project team also engaged Traffic Operations to utilize the existing ATMS signs along 17th Street Causeway to provide advance notice of upcoming lane impacts – this allowed motorist ample time to determine if an alternate route of travel. Construction Cost \$4,429,693.38

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME AE Engineering Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant- Construction Engineering Inspection Services

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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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21. TITLE AND LOCATION (City and State) Palm Beach County- Value Engineering Study Bridge Rehabilitation of Camino Real/Boca Club Bridge over Intercostal Waterway	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 12/2016- 4/2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Palm Beach County	b. POINT OF CONTACT NAME Sandra M. Ospina, P.E., Project Engineer Palm Beach County	c. POINT OF CONTACT TELEPHONE NUMBER (561) 478-5795
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



The objective of the pre-study task was to determine the goals and objectives of the VE/Constructability study; collect information available from the EOR, determine the available information for the study team, and confirmed the technical experts required for the study. The consultant reviewed the project data and prepared a cost model for the items that will aid in focusing the study.

The objective for this task was to facilitate a VE and Constructability study for Palm Beach County.

AE Engineering Inc. facilitated a VE study for the project in accordance with the SAVE Value Standard and the SAVE 6-step process. Also we performed an independent Constructability/Biddability review of the latest available plans, provided comments and/or

details that improved the design, construction phasing, and construction duration and address potential issues which may arise during the actual construction of the project. The study was performed in an effort to avoid claims, and extras which will minimizing costs and time.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME AE Engineering Inc.	(2) FIRM LOCATION (City and State) Lake Worth, Florida	(3) ROLE Prime Consultant- Construction Engineering Inspection Services
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 8
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21. TITLE AND LOCATION (City and State) City of West Palm Beach 15th Street Beautification Project (LAP Project)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 11/9/2015-6/2016

23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER City of West Palm Beach	d. POINT OF CONTACT NAME Uyen Dang, P.E. Project Manager	e. POINT OF CONTACT TELEPHONE NUMBER (561) 494-1087

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



AE Engineering Inc. was responsible for the construction engineering inspection services on this project. Which included; quality assurance inspections, reviewing and approval of change orders, reviewing and approval of the as-built drawings and reviewing and approval of the contractor's payments.

Additionally, we will ensure the contractor and its subcontractors were in compliance with the FDOT/FHWA regulations, the Davis Bacon Act, and ensuring adherence with the contract documents.

The project scope included, but not limited to, construction of bulbouts, curbing, curb ramps, specialty pavement, landscaping, irrigation systems, trash receptacles, bike lane acrylic coating and striping, along 15th street, from Australian Avenue to North Dixie Highway. Construction Cost: \$1,435,349.29

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME AE Engineering Inc.	(2) FIRM LOCATION (City and State) Lake Worth, Florida	(3) ROLE Prime Construction Engineering Inspection / Construction Management Services
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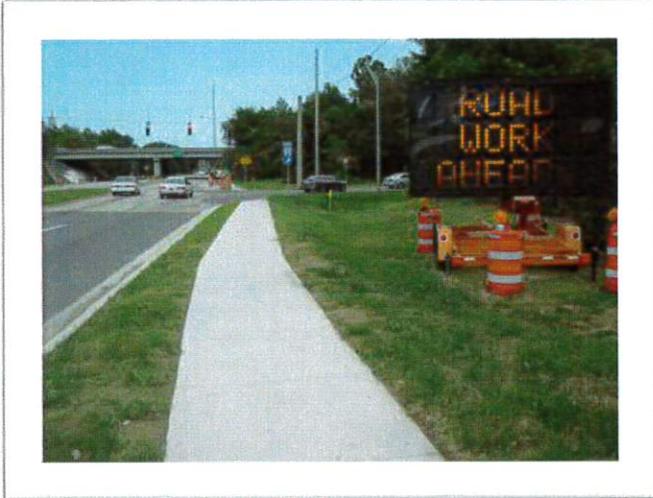
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 9
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21. TITLE AND LOCATION (City and State) SR 122 (Golfair Blvd) and SR 117 (Norwood Ave) Resurfacing	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 3/14/2016 – 1/10/2017

23. PROJECT OWNER'S INFORMATION

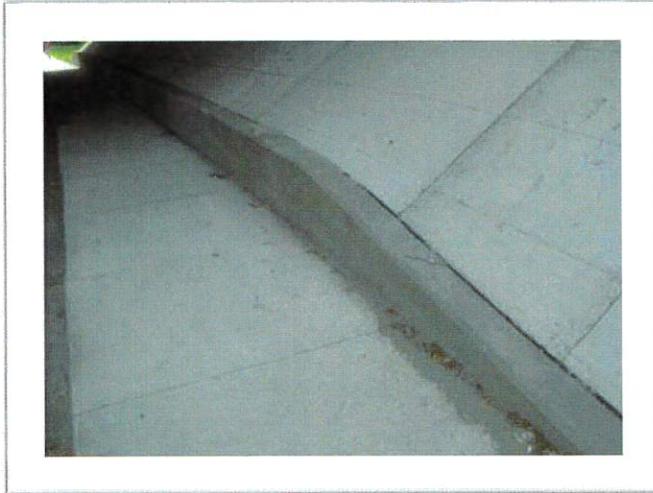
a. PROJECT OWNER FDOT D-2	b. POINT OF CONTACT NAME Jessica Tippett, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (904) 360-5504
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



This is a federally funded, unit price project that consists of the North area of Jacksonville, Duval County, Florida and includes SR 122 (Golfair Blvd) and SR 117 (Norwood Ave) from I-95 to Main Street and From I-95 to Golfair Blvd. The project is a total of 2.281 miles of improvements including embankment, reconstruction, milling and resurfacing of existing roadway, guardrail, drainage, and signing & pavement markings. This contract also includes two Lump Sum, Joint Project Agreement (JPA) with JEA for utility adjustments and relocations.

Construction Cost \$3,955,570.90



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. AE Engineering Inc.	Jacksonville, Florida	Prime Construction Engineering Inspection Services
b.		
c.		

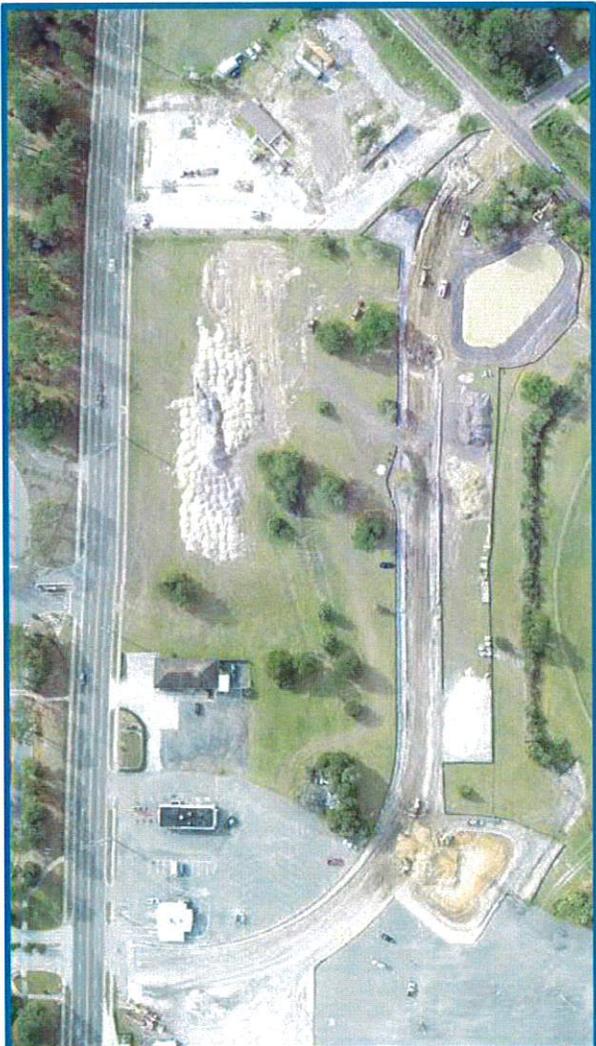
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 10
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21. TITLE AND LOCATION (City and State) Jacksonville Transportation Authority - Soutel Transit Hub Construction	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 11/2014-6/2015

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Jacksonville Transit Authr	d. POINT OF CONTACT NAME Andy Rodgers, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (904) 633-8537
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



This project includes the construction of a new transit station and roadway extension. The proposed roadway will include a two (2) lane urban section (asphalt paving) with curb and gutter, 9" concrete paving, drainage improvements with two (2) stormwater management facilities, earthwork with removal of unsuitable material, erosion control, landscaping, lighting, signalization with mast arms and drilled shafts, handrail, sidewalk and passenger amenities (shelters, benches, trash receptacles, vending machine, etc...), pedestrian and business access and public information.

Construction Cost: \$1,513,705.50

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	AE Engineering Inc.	Jacksonville, Florida	Prime Construction Engineering Inspection Services
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
Roderick Myrick, P.E.	Principle in Charge- Sr. Project Engineer	X	X	X	X	X	X	X	X		
Andres Atehortua	Project Administrator	X	X	X	X	X	X	X	X		
Udin Dwarica	Contract Support Specialist	X	X	X	X	X	X	X			
Christina Yero, P.E.	Contract Support Specialist	X	X	X	X	X	X	X			
Erica Valencia	Resident Compliance Specialist										
Mike Latulippe	Sr. Inspector	X	X	X	X	X	X	X	X	X	X
Dennis Townsend	Sr. Inspector	X	X	X	X	X	X	X	X	X	X
Chris Morris	Sr. ITS Inspector	X	X	X	X	X	X	X	X	X	X
Israel Cabrera	Inspector	X	X	X	X	X	X	X			
Torrance Thomas	Inspector	X	X	X	X	X	X	X			

26. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	<i>FM 433688-4-52-0; Florida SR A1A Washout from South of NE 14TH to North of NE 18TH Street</i>	6	<i>SR A1A / Ft. Lauderdale Beach from Mercedes River to Sunrise Blvd.</i>
2	<i>FM# 42605316201 SR-812/Hooker Highway from SR-715 to SR-15/US-441</i>	7	<i>Palm Beach County- Value Engineering Study Bridge Rehabilitation of Camino Real/Boca Club Bridge over Intercostal Waterway</i>
3	<i>Atlantic Blvd. (SR 10) Resurfacing from Brookview Drive to Kernan Drive</i>	8	<i>City of West Palm Beach - 15th Street Beautification Project (LAP Project)</i>
4	<i>FM: 43307016201 23rd Street from Tamarind Avenue to Spruce Avenue</i>	9	<i>SR 122 (Golfair Blvd) and SR 117 (Norwood Ave) Resurfacing</i>
5	<i>FM:4259356201 Hillsboro Inlet Bridge Rehabilitation Project.</i>	10	<i>Jacksonville Transportation Authority - Soutel Transit Hub Construction</i>

H. ADDITIONAL INFORMATION

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

AE Engineering, Inc. (AE) has been a professional service provider in the Construction Engineering and Inspection (CEI) since March of 2006. AE is a registered DBE with the State of Florida. Our firm specializes in Quality control and Verification testing for asphalt, concrete and earthwork operations under the FDOT Quality Control guidelines. AE is also FDOT LAP certified and hope that our experience exceeds your requirements.

AE Engineering Inc's primary focus is providing stellar Construction Engineering and Inspection Services. AE has participated on several high profile grant and federally funded projects and are a Prime CEI vendor for the Florida Department of Transportation and working with numerous local agencies.

- Our specific CEI services consist of :
- Construction Inspection Services
- Daily and Weekly Inspection Reports
- Safety Requirements
- Scheduling / Progress Tracking
- Site Inspections
- Cost Savings Initiatives
- Bid Documents Evaluation
- Quality Control & Quality Assurance
- Project Certifications
- Cost Estimating
- Resident Compliance Specialist Services(Payrolls/EEO)

12. AUTHORIZED REPRESENTATIVE

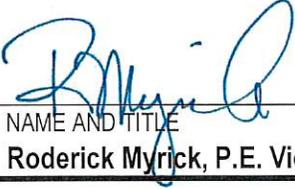
The foregoing is a statement of facts.

a. SIGNATURE

b. DATE

9.1.2017

c. NAME AND TITLE


Roderick Myrick, P.E. Vice President

ARCHITECT-ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER <i>(If any)</i>
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PART II – GENERAL QUALIFICATIONS
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME AE Engineering, Inc.		3. YEAR ESTABLISHED 2006		4. DUNS NUMBER
2b. STREET 9180 Silver Glen Way		5. OWNERSHIP		
2c. CITY Lake Worth	2d. STATE FL	2e. ZIP CODE 33467	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE			b. SMALL BUSINESS STATUS State of Florida (DBE/SBE)	
6b. TELEPHONE NUMBER Tel: 561. 632.5185 Fax: 904. 768.8930		6c. E-MAIL ADDRESS Rod@aeengineeringinc.com		
8a. FORMER FIRM NAME(S) <i>(If any)</i>			8b. YR. ESTABLISHED	8c. DUNS NUMBER
None			None	None

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 <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	3	2		Codes; Standards, Ordinances	
10	Chemical Engineers				Construction Management	6
12	Civil Engineers	3	2		Cost Estimating	1
15	Construction Inspector	32	16		Educational Facilities	
21	Electrical Engineers				Environmental Impact Studies, Assessments or Statements	
39	Landscape Architects				Highways; Streets; Airfield Paving; Parking Lots	
47	Planners: Urban/Regional				Hospital & Medical Facilities	
52	Sanitary Engineers				Irrigation; Drainage	6
	Permitting Specialists				Landscape Architecture	
38	Surveyors				Office Building; Industrial Parks	
60	Transportation Engineers				Planning (Community, Regional Area-wide & State)	
08	Computer CADD Technicians				Planning (Site, Installation, and Project)	6
38	Field Surveyors				Sewage Collection, Treatment and Disposal	
29	GIS/Data Technology Specialists				Surveying; Platting; Mapping; Flood Plain Studies	
	Code Enforcement Specialist				Storm Water Handling & Facilities	
24	Environmental Specialists				Traffic & Transportation Engineering	
24	Environmental Field Crew				Urban Renewals; Community Development	
39	Landscape Designers / Inspectors	1	1		Water Supply; Treatment and Distribution	
07	Biologist(s) / Indoor Air Quality				Zoning; Land Use Studies	
	Other Employees					
Total		39	21			

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. 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	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million
c. Total Work		3. \$250,000 to less than \$500,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
		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 1, 2017
c. NAME AND TITLE	

Roderick Myrick, P.E., Vice-President

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

RFQ for Traffic Engineering Services, City of Hollywood, Florida

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER
CRA 17-020

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

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

5. NAME OF FIRM

TIERRA SOUTH FLORIDA, Inc.

6. TELEPHONE NUMBER

(561) 687-8536

7. FAX NUMBER

(561) 687-8570

8. E-MAIL ADDRESS

Raj@TierraSF.com

C. PROPOSED TEAM

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

	(Check)				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER	SUBCON-TRACTOR			
a.			X		 <small>tierra SOUTH FLORIDA</small> <small>GEOTECHNICAL ENGINEERING INTERIOR DESIGN TRAFFIC ENGINEERING SERVICES</small> <input type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411	Geotechnical Engineering Services
b.					<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE		
c.							
d.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME RAJ KRISHNASAMY, P.E.	13. ROLE IN THIS CONTRACT Principal Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 17
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 <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Hiatus Road Extension from Sunrise Boulevard to Oakland Park Boulevard, Broward County, Florida	2013	
	(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. 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.	SR 820 (Hollywood Blvd) and SR 845 (Powerline Road) Safety Projects, Broward County, FL FPID Nos.: 428274-1-32-01 & 428275-1-32-01	2011	
	(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. 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.	SW 36th Street Relocation from SW 73rd Avenue to SW 76th Terrace Davie, Florida	2013	
	(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. 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.	Pine Island Road Widening from SR 84 to Nova Drive Broward County, Florida	2014	
	(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. 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.	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	2014	
	(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. 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.)

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

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> SR-997 (Krome Avenue) from SR-94/Kendall Drive to SR-90/SW 8 Street, Miami-Dade County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-Going	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 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.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> I-75 Express Lanes Segment A/B from NW 170th Street to South of Miramar Parkway, Broward & Miami-Dade Counties, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-Going	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 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.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> South Florida AET Phase 4, Broward and Miami-Dade Counties, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 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.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Design-Build Rehabilitation of West Bridge and Bear Cut Bridge on Rickenbacker Causeway, Miami-Dade County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 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,	<input checked="" type="checkbox"/> Check if project performed with current firm	



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> District 4 Unknown Foundations Bridge Scour Evaluation FPID No.: 427334-1-72-01, Broward County, Florida	(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.		



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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) SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT c/o BMA Consulting Engineering	b. POINT OF CONTACT NAME Mr. Jesus A. Mustafa, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954).870- 5054
--	---	--

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

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.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Geotechnical Engineering Services
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 2
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21. TITLE AND LOCATION (City and State) I-75 Express Lanes – Segment A/B from NW 170 Street to South of Miramar Parkway, Broward and Miami-Dade Counties, Florida	22. YEAR COMPLETED
	PROFESSIONAL SERVICES 2014
	CONSTRUCTION <i>(If applicable)</i> On-going

23. PROJECT OWNER'S INFORMATION

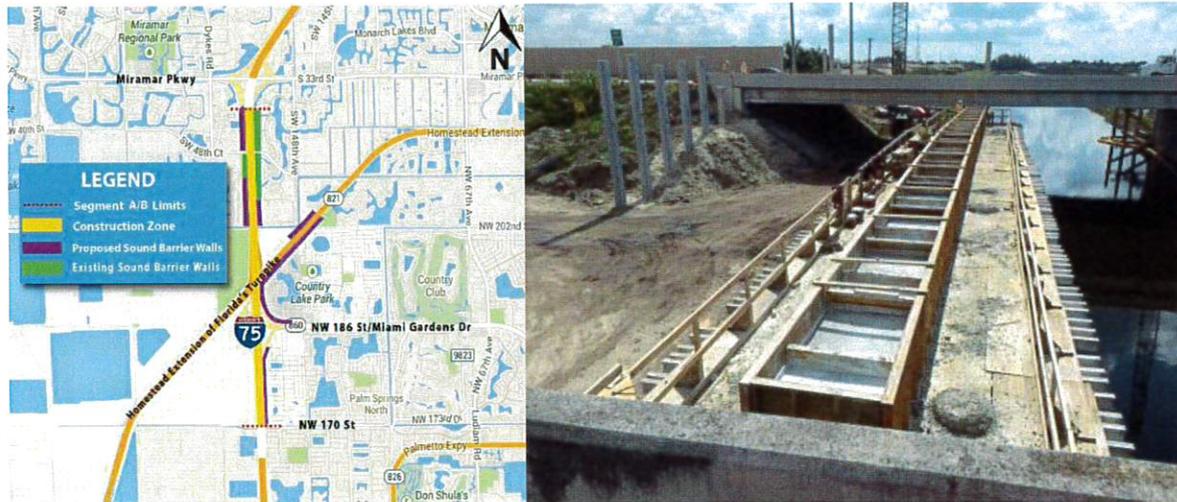
a. PROJECT OWNER FDOT D4 c/o Wantman Group, Inc.	b. POINT OF CONTACT NAME Keegan Larson, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 687-2220
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

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

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 3
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21. TITLE AND LOCATION (City and State) 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	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2014

23. PROJECT OWNER'S INFORMATION

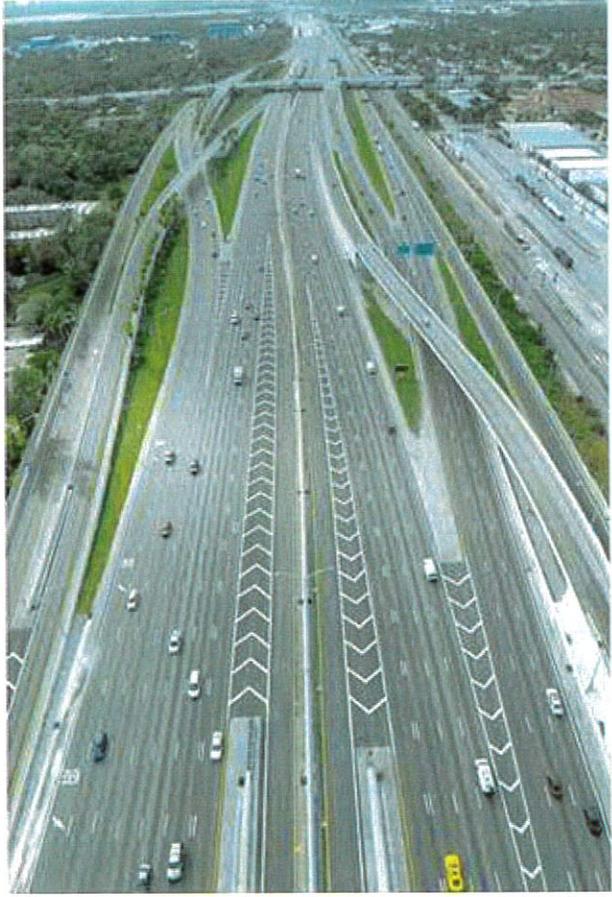
a. PROJECT OWNER FDOT District 4 and District 6 c/o Hubbard Construction	b. POINT OF CONTACT NAME Mr. Leonel Ferradaz, Jr.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 790-6512
--	---	---

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 galleries 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

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



H. ADDITIONAL INFORMATION

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.

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

September 6, 2017

33. NAME AND TITLE

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



ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

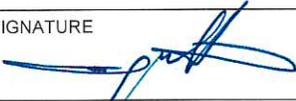
RFQ No.

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME TIERRA SOUTH FLORIDA, INC.				3. YEAR ESTABLISHED 2003		4. DUNS NUMBER 829296222	
2b. STREET 2765 Vista Parkway, Suite 10				5. OWNERSHIP a. TYPE Corporation			
2c. CITY West Palm Beach		2d. STATE FL	2e. ZIP CODE 33411				
6a. POINT OF CONTACT NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer				b. SMALL BUSINESS STATUS FDOT UCP DBE Florida Statewide OSD MBE			
6b. TELEPHONE NUMBER (561) 687-8536		6c. E-MAIL ADDRESS Raj@TierraSF.com		7. NAME OF FIRM (If block 2a is a branch office) N/A			
8a. FORMER FIRM NAME(S) (If any) N/A				8b. YR. ESTABLISHED N/A		8c. DUNS NUMBER N/A	
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				
2	Administrative	6	6	S05	Soils and Geologic Studies; Foundations	6	
8	CADD Technician	2	2	T02	Testing and Inspection Services	6	
27	Foundation/Geotechnical Eng	5	5				
58	Technician/Analyst	30	30				
58	Technician/Inspector	6	6				
Total		49	49				
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		6		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 Raj Krishnasamy, P.E., President/Principal Engineer	



ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

Traffic Engineering Services, City of Hollywood, FL

2. PUBLIC NOTICE DATE

Tuesday, August 8, 2017

3. SOLICITATION OR PROJECT NUMBER

CRA 17-020

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Patrick Gibney, P.E., Vice President, Engineering

5. NAME OF FIRM

Craven Thompson & Associates, Inc.

6. TELEPHONE NUMBER

(954) 739-6400

7. FAX NUMBER

8. E-MAIL ADDRESS

pgibney@craventhompson.com

C. PROPOSED TEAM

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

<i>(Check)</i>				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
PRIME	J-V PARTNER	SUBCON-TRACTOR				
a.		X		Craven Thompson & Associates, Inc. <small>CHECK IF BRANCH OFFICE</small>	3563 NW 53 rd Street, Fort Lauderdale, FL 33309	Subconsultant
b.				<small>CHECK IF BRANCH OFFICE</small>		
c.				<small>CHECK IF BRANCH OFFICE</small>		
d.				<small>CHECK IF BRANCH OFFICE</small>		
e.				<small>CHECK IF BRANCH OFFICE</small>		
f.				<small>CHECK IF BRANCH OFFICE</small>		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[] *(Attached)*



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

12. NAME Joseph D. Handley, R.L.A.	13. ROLE IN THIS CONTRACT Lead Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 34	b. WITH CURRENT FIRM 29
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Clemson University, B.S. in Ornamental Horticulture (1980); University of Georgia & Louisiana St. University, Master in Landscape Architecture Studies (1984)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Registered Landscape Architect Florida Registration No. 1368 (1990)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - American Society of Landscape Architects - CPTED Certification (August 1999)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Bicycle/Pedestrian Greenway & Trails Master Plan Sunrise, Florida	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Handley was the CTA principal in charge for the preparation of the Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the City of Sunrise in a manner that is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government.		
b.	Coconut Creek Community Center Coconut Creek, Florida	2005	2005
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect. Cost: \$5.3 Million. 8.2 acre community center. Master plan included sports courts, amphitheater, play areas, boardwalks & jogging paths. Site is extensively landscaped with buffer planting & berming on all sides. Design includes 2 interpretive areas with butterfly gardens. This state-of-the-art Community Center facility replaces an outgrown and outdated facility on the same site.		
c.	NE 34 th Court Complete Streets Project, (from NE 2 nd Avenue to Dixie Highway), Oakland Park, Florida	2012 - 2013	2013 - 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Landscape Architect for the landscape, streetscape and irrigation design for the roadway reconstruction design of approximately 0.60 miles. Estimated Construction Cost: \$2.2 Million.		
d.	NE 5 th Avenue Streetscape & Reconstruction (from Oakland Park Boulevard to NE 38 th Street), Oakland Park, Florida	2010	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Landscape Architect for the landscape, streetscape and irrigation design for the roadway reconstruction design of approximately 0.60 miles. Construction Cost: \$1,658,000.00.		
e.	NE 38 th Street Complete Streets Project (from Andrews Avenue to NE 11 th Avenue), Oakland Park, Florida	2011 - 2013	2013 - 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Landscape Architect for the landscape, streetscape and irrigation design for the roadway reconstruction design of approximately 0.90 miles of roadway improvements.		



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

12. NAME Douglas J. Schultz, R.L.A., LEED AP	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) University of Kentucky, Kentucky, USA Bachelor in Landscape Architecture (2002)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Registered Landscape Architect Florida Registration No. LA6666937	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - LEED Accredited Professional, United States Greenbuild Council (2009)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Northeast 34 th Court Urban Art Park and Complete Streets Improvements Project - Oakland Park, Florida	2012 - 2013	2013 - 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Schultz was the lead landscape architect for the Urban Art Park located at NE 34 th Court and integrated into the streetscape improvements project. The project consists of a park that utilizes retrofitted cargo shipping containers as pavilions, a graffiti wall and podiums/seat blocks that serve art displays during art installations and exhibits. On-street parking, widened pedestrian walkways, enhanced crosswalks and streetscape planting upgrades were included in the scope of the park.		
b.	Miramar Parkway & Miramar Boulevard Median Enhancements Miramar, Florida	2017	Est. 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project is along Miramar Parkway from the Florida Turnpike to Palm Avenue and along Miramar Boulevard from University Drive to Palm Avenue. The project includes landscaping and hardscape for two main thoroughfares through the City of Miramar. The medians lack aesthetic appeal and require various beautification enhancements. This is Phase I of a multi-phased project. The project requires permitting through the City and Broward County Construction and Highway Engineering Department. CTA is also provided surveying services.		
c.	Downtown Fort Lauderdale Prototype Streetscapes Fort Lauderdale Florida	2010-2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Landscape Architect. The Fort Lauderdale DDA envisioned a demonstration project that would establish a design vocabulary for the redevelopment of streetscapes for downtown. These design criteria were applied and resulted in a restoration project that spans 4,000 ft. and 8 city blocks, addressing walking surfaces, interfaces with operating buildings, limited Right-of-Way space, future utilities, street tree planting, street lighting and furnishings.		
d.	Bicycle/Pedestrian, Greenways & Trails Master Plan Sunrise, Florida	2014	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 and Landscape Architect for the preparation of this important master plan for the City of Sunrise. Together with Alta Planning and Design, the Plan will define a system of sidewalks, bike lanes, paths, greenways and trails within the City to provide integrated and continuous corridors for non-motorized transportation and recreation throughout the city in a manner that is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government. The public input phase is complete and the master plan is in the preliminary plan development phase.		
e.	Sense of Place Signage Oakland Park, Florida	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Schultz was the project manager and landscape architect for this project. The purpose of this project was to create a "Sense of Place" feature that the residents would promote the idea of ownership to the community. CTA was invited to become involved, we immediately began developing ideas and preparing Photoshop renderings of those ideas to present to the City Commission and the Community. The design was enthusiastically accepted, designed and put out for public bid.		



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

12. NAME Scott W. Peavler, R.L.A.	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Kansas State University Bachelor in Landscape Architecture (2005)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Registered Landscape Architect Florida Registration No. LA6666976 (2008)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member of American Society of Landscape Architects			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	NE 34 th Court Streetscape Improvements Oakland Park, Florida	2012 - 2013	2013 - 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A continuation of the street improvements on NE 5th Avenue that intersect 34th Court. Provided landscape designs for streets improvements along NE 34th Court between NE 2nd Avenue and Dixie Hwy. The project consists of improving the streetscape by implementing additional street trees, shrub beds along new sidewalks, and parallel parking. Landscape Architect.		
b.	Coconut Creek Landscape Plan Reviews Coconut Creek, Florida	2012 - Present	NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provides landscape consulting services in regards to Landscape plan reviews. The services provided include full DRC reviews, Administrative Approval reviews, Tree Removal/ Relocation reviews, and other additional landscape matters as they pertain to City landscape codes.		
c.	NE 38 th Street Complete Streets Oakland Park, Florida	2011	2013 - 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project involved the provision of professional surveying, landscape architecture and engineering services for the design and permitting of approximately 0.90 miles of roadway improvements. The engineering services included streetscape enhancement, a complete storm drainage system, a roundabout to replace an existing traffic signal, traffic calming devices, landscape, utility coordination and relocation, and full roadway reconstruction. Landscape Architect.		
d.	Sunrise Passive Parks (Oakland Park Boulevard and NW 44 th Street Passive Parks), Sunrise, Florida	2010	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The two parks were designed using amenities such as a Disc Golf Course, Splash Pad, Playground, and other passive activities to fall within the Broward County Land Preservation Program. The design participated in the US Communities grants to reduce the prices of site furnishings and equipment. The design also incorporated environmental principles to be able to acquire the Broward County Land Preservation Grant and other resources for funding. Landscape Architect.		
e.	Ravenswood Bus Maintenance Facility Dania Beach, Florida	2011	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided landscape services for the 8.94 Acre site which included a parking garage for employees, bus wash, administration buildings, and bus maintenance facilities. The goal for the facility was to provide a functional space by expanding and improving the existing space for the County. In addition to improving the facility, the design team developed the site to minimize the visual impact to the surrounding properties as well as pursue LEED accreditation. Landscape Architect.		



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

12. NAME Caleb Rothenberger, R.L.A., LEED AP		13. ROLE IN THIS CONTRACT Landscape Architect		14. YEARS EXPERIENCE	
				a. TOTAL 9	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelors of Landscape Architecture, Ball State University, College of Architecture and Planning, Muncie, Indiana 2007 Minor in Digital Publishing and Graphic Design			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Registered Landscape Architect Florida Registration No. 6667250 (2015)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) LEED Accredited Professional, United States Green Building Council, 2009					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Bicycle/Pedestrian Greenway & Trails Master Plan Sunrise, Florida	2014	To be Determined
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Rothenberger assisted with the planning and exhibit creation for the preparation of the Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city in a manner that is sensitive to the needs of various user groups.		
b.	NE 14 th Avenue Streetscape Improvements Hallandale Beach, Florida	2015 - 2016	Estimated 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Rothenberger is the project landscape architect for the NE 14 th Avenue Streetscape Improvements. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14 th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of N.E. 14 th Avenue; landscape screening adjacent to two (2) stormwater pump stations.		
c.	Miramar Historical Area Complete Streets Project – Phase II Miramar, Florida	2017	Estimated 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62 nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape.		
d.	Oakland Park Median Beautification Oakland Pak, Florida	2015 - 2016	Estimated 2017
	(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 enhancement to the aesthetic appeal of Oakland Park Boulevard (State Road 816) from NW 31 st Avenue to I-95 (within the City limits) through landscaping improvements in the median of the multi-lane state highway. These improvements require review and approval from both the City and the Florida Department of Transportation (FDOT).		
e.	Powerline Road Median Enhancements Oakland Park, Florida	2015 - 2016	2016
	(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 beautification of Powerline Road (State Road 845) from Prospect Road to Commercial Boulevard (within the City limits) through landscaping improvements in the median. These improvements were part of the Florida HBC Grant that CTA assisting in acquiring for the City.		



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

12. NAME Richard Pryce, P.S.M.	13. ROLE IN THIS CONTRACT Lead Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 45	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Associates of Science in Criminal Justice, BCC (1978) Certificate in advanced GIS & Remote Sensing, BCC (2002) Advanced ESRI ARCINFO & ARCIMS Training (ESRI, Charlotte, NC) 2004		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor and Mapper Florida No. 4038 (1983)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Current Director, Broward County Chapter of Florida Surveying Mapping Society - Chairman FSMS GIS Committee - State & County Chapters, Florida surveying & Mapping Society - National Society of Professional Surveyors - Geographic Land Information Society - Chairman FSMS Anti-theft Committee - American Congress on Surveying Mapping			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Miramar Historical Area Complete Streets Project Miramar, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) NA
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62 nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.		
(1) TITLE AND LOCATION (City and State) NE 38 th Street Complete Streets Project Oakland Park, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2013 - 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 Survey Lead, Right-of-way surveys covering from Dixie Highway west to NW 10 th Ave., then North to Prospect Road (2.5 miles). Boundary and topographic elevations for the existing right-of-way for reconstruction design.		
(1) TITLE AND LOCATION (City and State) NE 34 th Ct. Complete Streets Project Oakland Park, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011-2013	CONSTRUCTION (If applicable) 2013 - 2015
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Surveyor - The surveying, landscape, streetscape and engineering services include full roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting.		
(1) TITLE AND LOCATION (City and State) City of Miami Gardens General Consulting (Surveying) Services Miami Gardens, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007 - Present	CONSTRUCTION (If applicable) Not Applicable
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Pryce has managed all survey activities which are part of our general consulting for the City of Miami Gardens on capital improvement projects including roadway and drainage improvements; infrastructure improvements; park projects; street resurfacing; traffic improvement projects; and roadway lighting.		
(1) TITLE AND LOCATION (City and State) North Miami Beach Water and Sewer GIS Pilot Project North Miami Beach, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014 - 2015	CONSTRUCTION (If applicable) N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The purpose of the Pilot Project is to provide the City with the complete GIS product of their water and sanitary system, within a square mile of the City services area.		



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

12. NAME Nicholas Messina, Jr., P.S.M.	13. ROLE IN THIS CONTRACT Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Associates of Science - Surveying and Mapping University of Alaska, Anchorage Alaska		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor and Mapper Florida No. 5799 (1998)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Society of Professional Surveyors and Mappers			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Filmore Street Topographic Survey Hollywood, Florida	2015	Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Messina prepared a topographic (as-built) survey of Filmore Street, between N. 31 st Avenue and N. 32 nd Avenue, in the City of Hollywood, Florida.		
b.	NE 14 th Avenue Streetscape Survey Hallandale Beach, Florida	2015	Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Surveyor - The project area is along NE 14 th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14 th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover.		
c.	Hallandale Beach City-Wide Survey Hallandale Beach, Florida	2014-2015	Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor - The survey included a GPS control network to meet horizontal and vertical accuracies to 0.10 feet on all hard surfaces within the City Limits. This included setting 188 aerial targets to control an area of about 26,000 acres from Pembroke Road, south to the Broward / Miami-Dade County line and from the Atlantic Ocean west to Interstate 95.		
d.	NE 34 th Court Complete Streets Project Oakland Park, Florida	2011-2013	2013-2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor - The complete streets/streetscape and engineering services include full survey roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting.		
e.	Topographic Survey Intersection of Las Olas Boulevard & SE 3 rd Avenue, Fort Lauderdale, Florida	2014	Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor - The survey limits of this project are described as the full rights-of-way of Las Olas Boulevard and Southeast 3 rd Avenue, at their intersection in downtown Fort Lauderdale, together with seventy-five (75) feet north, south, east and west of the edge of curbs at the intersection. The survey includes all of the aboveground visible improvements within the survey limits. The topographic survey includes the recovery of enough boundary and right-of-way corners to tie down the aboveground visible improvements (i.e., sidewalks, ADA ramps, curbs, structures, pavement, trees, slabs, and visible utility features).		



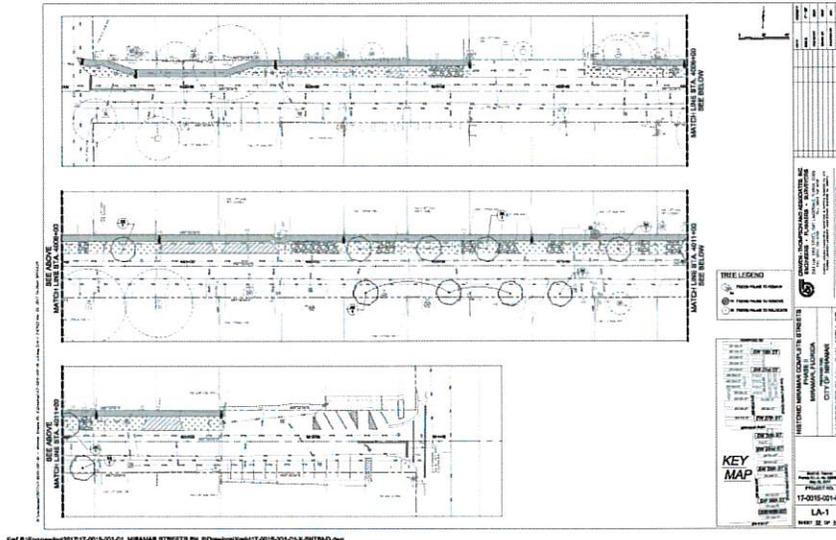
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 2
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21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Miramar Historic Area Complete Streets Phase II Miramar, Florida	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) Est. 2019

23. PROJECT OWNER'S INFORMATION		
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a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Mr. Salvador Zuniga, P.E. Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 602-3323 Email: sezuniga@miramarfl.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
 Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
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a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime – Surveying, Landscape Architecture / Complete Streets, Civil Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 3
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21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
LW 2020 Mater Plan - Year 1 Roadway Improvements Lake Worth, Florida	PROFESSIONAL SERVICES 2014 - 2015	CONSTRUCTION (If applicable) Design & Permit 2016

23. PROJECT OWNER'S INFORMATION		
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a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Lake Worth	Mr. Felipe Lofaso Assistant Director of Public Services	Phone: (561) 586-1720 Email: flofaso@lakeworth.org

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
 Craven Thompson and Associates, Inc. was contracted with the City of Lake Worth to design, permit and provide construction services for Projects 1, 3, 5, 6 & 8 of Year 1 of the Lake Worth 2020 Master Plan.

Project 1 - N M Street and N K Street from 2nd Avenue N to 6th Avenue N included new watermain and hydrants. N K Street from 2nd Avenue N to 7th Avenue N was in poor condition and required roadway and sidewalk reconstruction. A small segment at the southern end of each road fell within Problem Area 8 of the City's "Stormwater Master Plan", and therefore the storm sewer was upgraded.



Project 3 - N F Street from 5th Avenue N to 10th Avenue N involved the construction of both storm sewer and watermain. No pavement was identified with a PCI at or below 55 and therefore road reconstruction was necessary; however, utility trenching necessitated pavement replacement in trench areas and asphalt overlay.

Project 5 - N M Street from 9th Avenue N to 18th Avenue N involved the reconstruction of roadway. The existing section of road was identified as in a failed condition with a PCI less than or equal to 55. The entire road and base was reconstructed. The majority of the sidewalk also required reconstruction. The existing storm sewer pipe and structures from 16th Avenue N to 18th Avenue N was evaluated as to the condition of the materials. From 9th Avenue N to 16th Avenue N storm sewer was added.



Project 6 - on 11th Avenue N from Dixie Highway to N M Street involved the reconstruction of roadway and storm sewer. Between N M Street and N L Street the existing road was rated as being in a failed or poor condition with a PCI of less than or equal to 55. In these areas the entire road and base was reconstructed. The structural condition of the existing storm sewer pipe and structures along the roadway were evaluated. Piping and/or structures identified as in poor structural condition were replaced.

Project 8 - N J Street from 13th Avenue N to 16th Avenue N, and 15th Avenue N from N J Street to the railroad tracks, and 14th Avenue N from N J Street to Dixie Highway was identified as a part of Problem Area 3 in the "Stormwater Master Plan". This project included the installation of 700 linear feet of 24-inch diameter exfiltration trench with a nutrient separating baffle box at the end of the trench, the replacement of 950 linear feet of existing 18 and 24-inch diameter storm sewer with 30-inch diameter RCP storm sewer, and the replacement of 70 linear feet of existing 12-inch diameter storm sewer with 24-inch diameter RCP storm sewer.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
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a. (1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Civil Engineering, Utilities, Storm Water, Storm Sewer, and Construction Inspection Services
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div style="font-size: 24pt; font-weight: bold;">4</div>
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21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
NE 38 th Street Complete Streets Project Oakland Park, Florida	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2013 - 2015

23. PROJECT OWNER'S INFORMATION		
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a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Mr. Harris Hamid, P.E., Former Director Engineering & Community Development	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (305) 586-3739 Email: harrishamid@semtribe.com
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project involved the provision of professional engineering services for the design and permitting of approximately 0.90 miles of roadway improvements. The engineering services included a complete storm drainage system, a roundabout to replace an existing traffic signal, traffic calming devices, landscape and streetscape enhancement, utility coordination and relocation, and full roadway reconstruction. The main Project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments.

This project will utilize FDOT LAP funding for construction. Craven Thompson and Associates is currently assisting the City of Oakland Park with the funding procurement process.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
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a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Streetscape/Complete Streets, Civil Engineering, Landscape Architecture and Surveying Services
b.	(1) FIRM NAME Masuen Consulting, LLC	(2) FIRM LOCATION <i>(City and State)</i> 32801 Highway 441 N. #293 Okeechobee, Florida 34972	(3) Role Sub-consultant - Landscape Irrigation Design
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 5
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21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Army/Navy Store, CRA Parking Lot Davie Florida	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2012

23. PROJECT OWNER'S INFORMATION		
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a. PROJECT OWNER Town of Davie CRA	b. POINT OF CONTACT NAME Mr. Giovanni Moss Community Development Director	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 797-1173 Email: gmoss@davie-fl.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

As Consulting Engineer for the Town of Davie Community Redevelopment Agency, CTA is helping rejuvenate the downtown area and helping to create much needed pedestrian corridors, as well as upgrading the infrastructure. Recently, the first back-of-house parking lot was completed. This design concept is geared towards creating a main street in downtown Davie to accentuate an urban setting through the town. Instead of the current pull in parking and large driveway openings, which present a hazardous situation for pedestrians, we are trying to create safe and comfortable pedestrian corridors. With large dining patios, landscape strips, site furnishings and the addition of on-street parallel parking, we are taking blighted old buildings and presenting them an opportunity for a facelift. Hopefully with these updates it will help bring additional development into the area.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
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a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime- Surveying, Civil Engineering, Landscape Architecture, and Construction Management
b.	(1) FIRM NAME Masuen Consulting, LLC	(2) FIRM LOCATION <i>(City and State)</i> 32801 Highway 441 N. #293 Okeechobee, Florida 34972	(3) Role Sub-consultant - Landscape Irrigation Design
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div style="font-size: 24pt; font-weight: bold;">6</div>
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21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Miramar Parkway & Miramar Boulevard Median Enhancements, Miramar, Florida	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) Est. 2018

23. PROJECT OWNER'S INFORMATION		
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a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Mr. Salvador Zuniga, P.E. Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 602-3323 Email: sezuniga@miramarfl.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>

The project is along Miramar Parkway from the Florida Turnpike to Palm Avenue and along Miramar Boulevard from University Drive to Palm Avenue. The project includes landscaping and hardscape for two main thoroughfares through the City of Miramar. The medians lack aesthetic appeal and require various beautification enhancements. This is Phase I of a multi-phased project. The project requires permitting through the City and Broward County Construction and Highway Engineering Department. Craven Thompson & Associates is providing surveying and landscape architectural services.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
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a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Landscape Architecture, Surveying, and Construction Services
b.	(1) FIRM NAME Masuen Consulting, LLC	(2) FIRM LOCATION <i>(City and State)</i> 32801 Highway 441 N. #293 Okeechobee, Florida 34972	(3) Role Sub-consultant - Landscape Irrigation Design
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 1.0 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 7
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21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
NE 14 th Avenue Streetscape Improvements Hallandale Beach, Florida	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) Est 2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Hallandale Beach	Ms. Mariana Pitiriciu, P.E., P.M.P., City Engineer	Phone: (954) 457-3042 Email: mpitiriciu@hallandalebeachfl.gov

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

The project area is along NE 14th Avenue between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); On east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides of the two (2) storm water pump stations.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
	Craven Thompson & Associates, Inc.	3563 NW 53 rd Street Fort Lauderdale, Florida 33309	Prime - Surveying, Streetscape, Landscape Architecture, Roadway Design & Permitting Services
	Masuen Consulting, LLC	32801 Highway 441 N. #293 Okeechobee, Florida 34972	Sub-consultant - Landscape Irrigation Design
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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
8

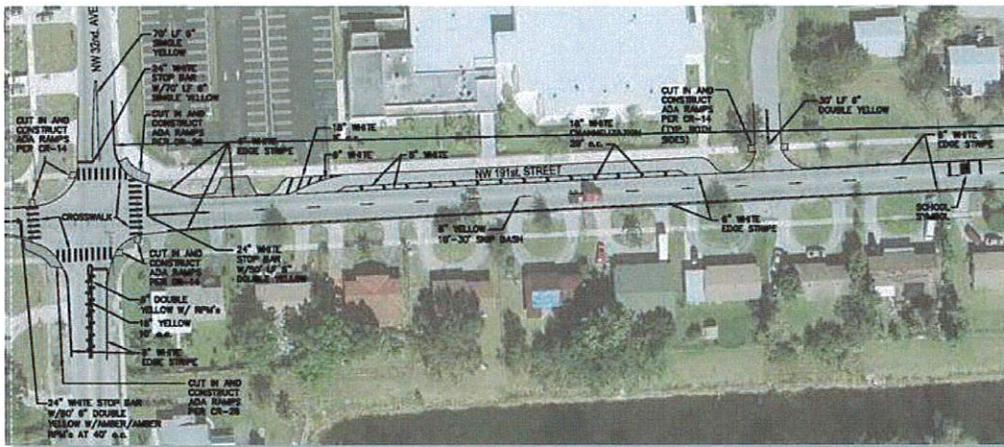
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Resurfacing & ADA Walk Improvement Project Miami Gardens, Florida	PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable) 2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Miami Gardens	b. POINT OF CONTACT NAME Mr. Tom Ruiz Public Works Director	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (786) 279-1260 Email: truiz@miamigardens-fl.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The resurfacing and ADA walk improvements included approximately 24,000 linear feet of road throughout the city in three neighborhoods. The neighborhoods consist of a mixture of single and multi-family residential dwellings. Significant amounts of the existing roadway infrastructure within these neighborhoods did not meet current ADA requirements, which warranted attention in order to conform to current standards. In order to address the infrastructure needs, the City of Miami Gardens selected Craven Thompson & Associates, Inc. to analyze the roadway corridors within the project areas to determine necessary resurfacing and ADA improvements. Craven Thompson prepared plans for the resurfacing of all roads after having borings prepared to analyze the existing roadway conditions. Concurrently, the area was reviewed for sidewalk and ADA improvements to ensure compliance with ADA standards. The project involved coordination with **FDOT for LAP funding** and design criteria, and the development of construction drawings and specifications.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Civil Engineering – ADA, Milling & Re-Surfacing, Storm Water & Engineering Studies
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



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)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Sistrunk Boulevard (NE / NW 6 th Street) Streetscape Enhancement Project, Fort Lauderdale, Florida	2011	2012

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale and Community Redevelopment Agency	b. POINT OF CONTACT NAME Mr. Mark Friedman Project Manager II	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 828-5952 Email: MFriedman@fortlauderdale.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Craven Thompson and Associates represented the City of Fort Lauderdale as the Resident Project Representative for the Sistrunk Boulevard Streetscape and Enhancement Project providing Construction Engineering and Inspection Services. While the design of this project was managed by the City's Community Redevelopment Agency (CRA) the construction portion is administered by the City of Fort Lauderdale's Public Works Department. Primary funding for construction was provided by the Fort Lauderdale CRA. The project area encompasses 2.5 miles of Sistrunk Boulevard (NE/NW 6th Street) from Federal Highway to NW 24th Avenue and includes streetscape and infrastructure improvements consisting of landscaped medians, paver sidewalks, decorative street lighting, traffic signal mast arm installations, undergrounding of overhead utilities, drainage improvements, new water mains and the relocation of various sanitary sewer lines. Work included on-site resolution of construction conflicts and design changes, construction inspection services for quality control and project certification, coordination with FPL, AT&T and Comcast for utility conversions from overhead to underground, close coordination with existing businesses during construction, public relations to keep all parties informed of the ongoing improvements, maintenance of traffic coordination to ensure continuous access to all affected properties, monthly Pay Application reviews, Change Order reviews and various other construction management duties. This project was partially, federally funded through FDOT LAP funding.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Resident Project Representative, Construction Engineering Inspection, Surveying, Landscape Architectural Services
b.	(1) FIRM NAME Masuen Consulting, LLC	(2) FIRM LOCATION <i>(City and State)</i> 32801 Highway 441 N. #293 Okeechobee, Florida 34972	(3) Role Sub-consultant - Landscape Irrigation Design
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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
10

21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
6 TH Avenue South Streetscape Project Lake Worth, Florida	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Lake Worth	b. POINT OF CONTACT NAME Mr. Felipe Lofaso Assistant Director of Public Services	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (561) 586-1720 Email: flofaso@lakeworth.org
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The project limits are 6th Avenue South – Federal Highway to Dixie Highway. The scope of work includes – mill existing pavement 1" +/- and reconstitute existing Type F curb, selective removal/replacement of sidewalk and curbing, striping, ADA ramps, and traffic calming features that will add aesthetic value.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Civil Engineering, Landscape Architecture, Construction Services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



H. ADDITIONAL INFORMATION

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

Craven Thompson & Associates, Inc. (CTA) has been an industry leader in the South Florida area since our inception in 1962. With our office located in Broward County, we have established a high-profile presence through the years with a reputation of excellent service to many varied clients, performing the full range of professional services. We have worked closely with many governmental agencies to provide services such as roadway design, landscape architecture, neighborhood improvements, water and wastewater design, GIS/Mapping,, surveying, planning, storm water management, streetscape, complete streets, roadway beautification and construction management.

CTA has been providing professional services to the Tri-County area since the formation of the firm. CTA has been involved in the design, permitting, surveying, contract administration and construction management of numerous infrastructure rehabilitation projects, redevelopment projects and Capital Improvement Projects, including roadway design, streetscape, traffic calming, roadway beautification, complete streets, the replacement and upgrade of water and sewer lines, new infrastructure, sewage pump stations, storm water drainage projects, and waterway projects. Our experience includes the design and construction of parks, roadways and all levels of stormwater management and drainage and municipal facilities. All of these projects included surveying, studies, modeling, cost estimating, design drawings, technical specifications and construction management for the replacement/rehabilitation of existing roadways and infrastructure and the construction of new drainage facilities, pavement and landscaping

CTA presents many distinct and unique advantages which will assure timely and cost effective completion of projects. These advantages include the following:

- An experienced team: CTA staff has extensive experience with various types of unusual and difficult projects.
- Full service firm: CTA can provide all of the civil engineering, surveying landscape architecture, planning, GIS and construction support services needed in-house.
- Project management: Organization lines and responsibilities are clearly defined for each project, ensuring that the best qualified individual is matched to a particular assignment.
- Familiarity with Broward County agencies and engineering practices.
- Continuity: The Resources and staff available at CTA ensure responsive service and continuity throughout all phases of projects.

I. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts

31. SIGNATURE 	32. DATE September 5, 2017
33. NAME AND TITLE Patrick Gibney, P.E., Vice President, Engineering	



ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
RFQ No. 06-21-17-11

PART II - GENERAL QUALIFICATIONS

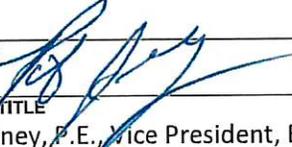
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Craven Thompson & Associates, Inc.			3. YEAR ESTABLISHED 1962	4. DUNS NUMBER 06-362-4910
2b. STREET 3563 NW 53 rd Street			5. OWNERSHIP	
2c. CITY Fort Lauderdale	2d. STATE Florida	2e. ZIP CODE 33309	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Patrick Gibney, P.E., Vice President, Engineering			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER (954) 739-6400	6c. E-MAIL ADDRESS pgibney@craventhompson.com		7. NAME OF FIRM (If block 2a is a branch office) Same	

8a. FORMER FIRM NAME(S) (If any) Davis & Craven, Inc. / Davis, Craven, Thompson, Inc.			8b. YR. ESTABLISHED 1962 / 1975	8c. DUNS NUMBER
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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)	a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH						
02	Administrative	9		A06	Airports; Term. & Hangars	6	L01	Lab.; Med. Research Facilities	3
08	AutoCAD Technicians	2		A08	Animal Facilities	1	L02	Land Surveying	1
12	Civil Engineers	29		A11	Auditoriums & Theaters	1	L04	Libraries; Museums; Galleries	2
15	Construction Inspectors	6		B01	Barracks; Dormitories	1	O01	Office Bldgs.; Industrial Parks	5
16	Const. Management	1		B02	Bridges	1	P05	Planning (Comm., Regional)	1
38	Land Surveying	30		C06	Churches; Chapels	1	P06	Planning (Site, Installation)	2
39	Landscape Architect	5		C10	Commercial Bldg.; Shopping	6	P13	Public Safety Facilities	3
47	Planners; Urban/Regional	1		C11	Community Facilities	4	R03	Railroad; Rapid Transit	3
				D07	Dining Halls; Clubs; Rest.	1	R04	Rec. Fac. (Parks, Marinas)	6
				E02	Educational Facilities	6	R06	Rehabilitation (Buildings)	2
				E09	Environmental Impact Studies	1	R09	Resources Recov.; Recycling	1
				E11	Environmental Planning	1	R11	Rivers; Canals; Waterways	2
				F02	Field Houses; Gyms; Stadiums	1	S04	Sewage Collection, Treatment	5
				G01	Garages; Vehicle Maint. Fac.	4	S07	Solid Wastes; Incin.; Landfill	5
				H01	Harbors; Ship Terminal Fac.	7	S10	Surveying; Platting; Mapping	1
				H06	High-rise	1	S13	Storm Water Handling & Fac.	6
				H07	Hwys.; Streets; Parking Lots	7	T02	Testing and Inspection Serv.	1
				H09	Hospital & Medical Facilities	5	T03	Traffic & Trans. Engineer	4
				H10	Hotels; Motels	4	T04	Topo. Survey & Mapping	1
				H11	Housing (Res., Apts., Condo)	7	U02	Urban Renewals; Comm. Dev.	9
				I01	Industrial Buildings	5	W01	Warehouses & Depots	1
	Other Employees			I06	Irrigation; Drainage	3	W02	Water Resources; Hydrology	2
	Total	83		J01	Judicial & Courtroom Fac.	3	W03	Water Supply; Treatment	4

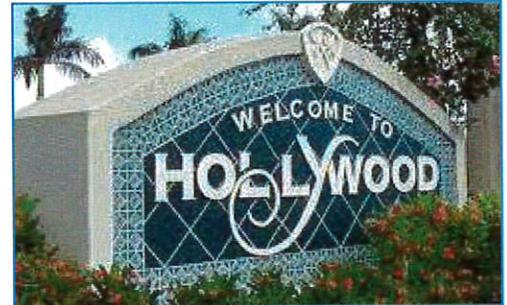
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE September 5, 2017
c. NAME AND TITLE Patrick Gibney, P.E., Vice President, Engineering	



City of Hollywood Community Redevelopment Agency

Traffic Engineering Services, CRA 17-020



Profile of Consultant

- a. McMahon is headquartered in Fort Washington, PA (a suburb of Philadelphia) as a Pennsylvania Corporation. McMahon maintains permanent offices in West Palm Beach, Doral and Fort Myers, Florida; Philadelphia, Fort Washington, Exton, Harrisburg, Allentown and Pittsburgh, Pennsylvania; Trenton, New Jersey; Boston and Taunton, Massachusetts; Windsor, Connecticut; and Lincoln, Rhode Island.
- b. The location of the office from which work will be performed for this project is 2090 Palm Beach Lakes Boulevard, Suite 400, West Palm Beach, FL 33409.
- c. Since 1976, McMahon Associates, Inc. has specialized in transportation planning, engineering, design and construction services. McMahon has grown from a single transportation engineer to now a valued staff of 150 in 14 offices in six (6) states. The regions where we provide transportation engineering services include Florida, New England, and Mid-Atlantic states. McMahon has 11 full-time staff in our Florida offices, with 10 professional engineers registered in Florida.

Our diversified staff of transportation professionals have expertise in a full range of Transportation Consulting for Program Management, Transportation Planning, Traffic Engineering and Roadway Design. Transportation planning services for municipalities have included review of developmental applications with regard to traffic impact studies (TPS) and site plans (traffic circulation and parking), long-range corridor studies, updates to Transportation Elements of Comprehensive Plans, Future Land Use Amendments, master plans (including bicycle/pedestrian master plans) and concurrency studies. Some of these studies have required traffic forecast modeling. Traffic engineering experience includes traffic data collection, traffic operations and safety studies, traffic control evaluations, pedestrian and bicycle safety studies, traffic calming, preparation of Maintenance of Traffic (MOT) plans, Travel Demand Management (TDM), and Complete Street implementation plans. Transportation engineering services include the preparation of roadway design plans. We provide these services to state Departments of Transportation (DOT), counties, cities and CRAs. Our design services include roadway design, drainage, permitting, utility projects, lighting/electrical, structural design, value engineering, and transit engineering. McMahon offers other specialized services such as environmental impact assessments, Geographic Information System (GIS) and public involvement programs. In all of these service areas, McMahon also provides review services.

- d. Please see Section 2 of this proposal, Standard Form 330, Part F – Example Projects.
- e. The firm has not been involved in any litigation (pending or settled) within the past five (5) years. Please see the attached letter from our attorney at the end of this section.
- f. Please see Section 2 of this proposal, Standard Form 330, Part E – Resumes of Key Personnel.

- g. Please see Section 2 of this proposal, Standard Form 330, Part D – Organizational Chart of Proposed Team.

Team Staff	Percent of Availability
William A. Grieve, P.E.	80%
R. Trent Ebersole, P.E.	40%
Natalia T. Lercari, P.E.	20%
J. David Hill	30%
Waruna Jayasooriya, E.I.	45%
Nishat Zaman	60%
William Smith	60%
Bin Zhang	75%
Natalia Ramirez	40%
Alan Mrvica	10%

- h. “Municipal staff support” can be interpreted as the support to be provided by municipal staff, or support to be provided to municipal staff. Therefore, McMahan provides the following response to both interpretations.

The support from municipal staff is anticipated to be project management in nature. The McMahan team is capable of preparing all aspects of services described in the RFQ Scope of Services. McMahan has worked with project managers with varying styles of management, some who prefer to be involved in all of the project details and others who prefer to primarily perform administrative functions and look to the consultant more for their expertise. McMahan works well with both styles of client project managers and will identify and accommodate the client’s preference. For “hands-on managers” McMahan will use regular and frequent communication to gain concurrence on analysis and design details. For clients who look more to the consultant’s expertise, McMahan will similarly keep municipal staff informed of the recommended methods and results throughout the project to ensure agreement with the decision making.

With regard to providing support to the municipal staff, McMahan provides support on continuing service contracts typically in two ways, including discreet task orders and “in-house support”. Based on the RFQ Scope of Services, the CRA has many predetermined capital improvement projects that will best be accomplished as task orders. McMahan will meet with the City’s project manager at the onset of each project to ensure all expectations are met regarding scope, budget, and schedule. This in turn will facilitate a quality product for each project.

In the event that municipal staff needs assistance with a myriad of small tasks that are more difficult to define and/or anticipate the scope to be dynamic, McMahan is able to provide general support in the form of a general task order, or even in-house support to take direction on a daily basis depending on changing needs.

MICHAEL J. KOROLISHIN

ATTORNEY AT LAW

11 Addison Court
Post Office Box 1522
Doylestown, Pa 18901

T 267 317 6018

email: koro4321@gmail.com

Septmerber 5, 2017

RE: City of Hollywood Community Redevelopment Agency, Traffic Engineering Services,
CRA 17-020

McMahon Associates, Inc. does not have any prior, pending, threatened or contemplated administrative or judicial proceedings or uninsured claims of any nature that are material to the business, financial capability or could interfere with its performance of work and completion of its services including, but not limited to any civil, criminal or bankruptcy litigation; any debarment or suspension proceeding, any criminal conviction or indictment or, any order issued by a court or local, state or federal agency. Please feel free to contact me directly should you have any questions.

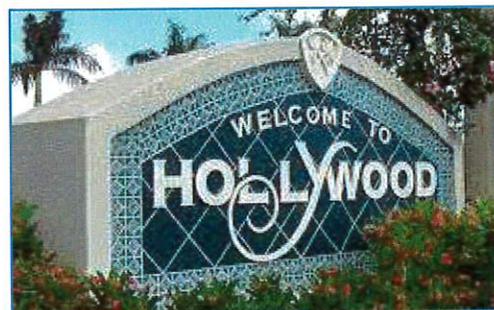
Sincerely,

A handwritten signature in blue ink that reads "M. J. Korolishin". The signature is written in a cursive style with a large initial "M" and "J".

Michael J. Korolishin

City of Hollywood Community Redevelopment Agency

Traffic Engineering Services, CRA 17-020



Approach to Work

- i. The McMahon Team provides consulting on a continuing services basis for many municipalities in South Florida. Our success with those municipalities is due to our diverse experience of engineering services, as well as a proven project management approach. The technical approach is to be determined when tasks are assigned and on the task requirements. Our project management approach to this project will follow a few basic tenets, to ensure the successful completion of each assignment:
- Mr. William A. Grieve, P.E. will be the consultant project manager and point of contact. Mr. Grieve, will respond to the CRA within 24 hours of being contacted. His wide range of experience allows him to assess all tasks and determine the appropriate staff to be assigned.
 - McMahon will determine the level of work required, develop written scopes of work that clearly define deliverables and ensure that the CRA's needs are addressed for each task.
 - McMahon will provide proactive project management, which will allow CRA staff to minimize their involvement, if desired.
 - McMahon will develop realistic project schedules that meet the CRA's needs and include sufficient time for our company-wide quality control procedures and the necessary client and agency reviews.
 - McMahon will assign staff to tasks based on qualifications and availability, giving McMahon the ability to meet aggressive schedules within the required budget. The depth of staff and resources available for the contract give McMahon the ability to complete multiple tasks simultaneously, each on schedule and within budget.
 - McMahon will use the latest technology and innovative tools, including GIS/web-based Asset Management Software developed by our GIS/Software Development team.

Staffing/Teaming

The staffing plan for the McMahon Team is based on providing multiple qualified task leaders and corresponding production staff for each work type listed in the Scope of Services, Group 1. The McMahon Team includes several subconsultant firms. Craven Thompson & Associates, Inc. has joined the team to assist with planning, landscape design, and survey tasks. AE Engineering, Inc. will assist with construction and inspection services, and Tierra South Florida, Inc. will provide geotechnical engineering services. McMahon has teamed with each of these firms on other successful projects and contracts. This proven working relationship among team members will ensure seamless coordination.

The technical requirements of the project will be met with the following controls:

Schedule & Cost Control Performance

Successful adherence to the project schedule and budget, and satisfactory completion of the project depend on the establishment of clear lines of communication between the consultant staff and the City of Hollywood CRA. We are committed to submitting "error-free" documents on time and within the agreed upon budget. The control of schedule and cost are also maintained by a conscious effort to prevent the need for additional services, and minimize the potential need for change orders during construction. The work scope is clearly defined at the initial project stage and there is no deviation unless both Client and Consultant agree to the schedule and budget consequences. McMahon uses Deltek Vision as their accounting software. This software provides a wide array of reporting and generates monthly invoices. McMahon will customize the invoices to meet the CRA's needs. Tasks with long schedules, e.g., more than two months, we propose to

include project status reports each month with invoice. McMahon tracks the payout curve for a project each month as well as ensuring the amount invoiced is appropriate for the percent complete of the product. Tasks with short schedules require more verbal communication at shorter intervals. As some tasks can be completed within one billing cycle, the schedule and budgetary success of these projects are reliant on development of and adherence to a concise scope.

Quality Assurance/Quality Control (QA/QC)

Mr. Grieve will review the products prepared by the task leaders for QA/QC. For those tasks led by Mr. Grieve, a review will be conducted by a project manager-level or above staff. Principal-in-Charge, R. Trent Ebersole, P.E. will ensure compliance with our Company QA Plan. McMahon recognizes that quality control is one of the key components to meeting project schedules and budgets. We have developed a standard peer review process for all of our projects. For traffic studies, this review includes a thorough review of the assumptions, methodologies, calculations, and results. We find that incorporating this process directly into every project saves our clients time and money. For design projects, we develop a customized series of checks for each project to ensure that the number of submittals is kept to a reasonable number. Errors and omissions checks are conducted internally prior to the 30, 60, and 90 percent plan submittals, not simply with the final submittal. As with the traffic studies, this process saves our clients both time and money. A copy of our company's Quality Assurance/Quality Control Policy is available upon request.

Resumes are provided for key staff in Section 2, Standard Form 330, Part E.

Outline of the Scope of Services

Collection, analysis, and interpretation of traffic data, as well as recommendations development will be completed by McMahon. Specifically, Natalia Lercari will be the task leader for traffic engineering efforts. She is McMahon's Traffic Engineering Section Leader with over 16 years of experience. Her experience includes managing continuing services contracts for FDOT and municipalities, providing a full range of traffic related data collection and analysis with excellent results documenting and presenting improvement recommendations.

The McMahon Team is well suited to implement the concept recommendations described in the feasibility study presentations through the design process. Furthermore, McMahon's multi-model transportation planning excerpts could add value to the planning process. We look forward to the opportunity to discuss the options in the study as well as additional options that could greatly enhance the Zyscovich Plan. For the Young Circle roadway design project, the entire team is anticipated to be involved. Roles will be organized per the organizational chart found in Section 2, Standard Form 330, Part D, with William Grieve, Trent Ebersole and David Hill being key personnel on roadway design efforts. McMahon will take the lead on transportation design using our vast knowledge of complete streets design to create safer, more efficient pedestrian facilities and provide a design that will increase pedestrian activity. McMahon also has the expertise regarding the necessary parking reconfiguration and design. Craven Thompson will contribute with landscape design. The appropriate subconsultants will contribute to the design process such as Survey, geotechnical engineering and construction administration.

McMahon will also take the lead on reconfigurations of the east/west streets along the beach. Craven Thompson will play a significant role on the streetscape design. McMahon has lighting engineers and recent

experience on projects regarding FDOT's most recent lighting criteria for pedestrian facilities as well as coordination with Florida Wildlife Commission (FWC) regarding the sensitivity to turtles near the beach.

Roadway projects in the Downtown area will emphasize complete streets. The McMahon Team provides the expertise to plan, design, and implement multi-modal transportation systems that appropriately consider pedestrian, bicycle, automobile, trolley and other public transit modes. McMahon has national experience with transit station/area planning with the former head of the Massachusetts Bay Area Transit Authority Director as our current Chief Operations Officer. We have extensive experience preparing wayfinding signage plans and citywide bicycle and pedestrian master plans.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/7/2017

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

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

PRODUCER Fenner & Esler 467 Kinderkamack Road P. O. Box 60 Oradell NJ 07649-0060	CONTACT NAME: certs@fenner-esler.com PHONE (A/C No. Ext): (201) 262-1200 E-MAIL ADDRESS: certs@fenner-esler.com	FAX (A/C No.): (201) 262-7810
	INSURER(S) AFFORDING COVERAGE	
INSURED McMahon Associates, Inc. 2090 Palm Beach Lakes Blvd Suite 400 West Palm Beach FL 33409	INSURER A: Zurich American Insurance Co.	NAIC # 16535
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** Master 17-18 DD **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$	
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N	N/A			WC STATUTORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$	
A	Professional Liability			Renewal of EOC7373551-13	4/16/2017	4/16/2018	Per Claim Limit \$3,000,000 Annual Aggregate \$6,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Professional Liability Deductible - \$25,000

CERTIFICATE HOLDER**CANCELLATION**

EVIDENCE OF COVERAGE	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Timothy Esler/DEBBIE