

## REQUEST FOR PROPOSAL #FY2017-2018-010

### CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES/ FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) GRANT SOUTHWEST (SW) DRAINAGE PROJECT



**Due: May 21, 2018**  
**Time: 11:00 AM**



**AE ENGINEERING, INC.**

Roderick Myrick, PE President / Senior Project Engineer.

3000 NE 30th Place, Suite 309-310, Fort Lauderdale, FL 33306 • P: (561) 632-5185 • E: rod@aeengineeringinc.com



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CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES FEDERAL EMERGENCY  
MANAGEMENT AGENCY (FEMA) GRANT SOUTHWEST (SW) DRAINAGE PROJECT

# 1. TITLE PAGE

## TITLE PAGE



Respondent:  
**AE Engineering, Inc.**

Address:  
**3000 NE 30th Place, Suite 309-310,  
Fort Lauderdale, FL 33306**

Contact Person:  
**Roderick Myrick, PE - President  
rod@aeengineeringinc.com**

Phone Number:  
**(561) 632-5185**

Date:  
**May 21, 2018**

Subject:

RFP #FY2017-2018-010 – CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION  
SERVICES / FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)  
GRANT SOUTHWEST (SW) DRAINAGE PROJECT



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### **3.** TRANSMITTAL LETTER

May 21, 2018

**Carolyn Allen-Smith - Procurement Specialist**

City of Hallandale Beach / Office of the City Clerk  
400 S. Federal Highway, Hallandale Beach, Florida 33009

**Re: Request for Proposal – RFP# FY 2017-2018-010 - Construction Administration and Engineering Inspection Services FEMA Grant SW Drainage Project**

AE Engineering Inc. appreciates the opportunity to present our team of experienced Construction Engineering and Inspection (CEI) professionals, for your consideration on the FEMA Grant SW Drainage Project. AE Engineering staff members are highly skilled and experienced professionals that are willing and able to successfully carryout all the tasks required in this solicitation. A successful project begins with the assignment of knowledgeable, qualified and continuous team members to ensure same personnel monitor all aspects of the project from commencement to completion. We offer proven leadership to maintain a cohesive team with relevant project and local knowledge.

AE Engineering, Inc. has been a professional service provider in the Construction Engineering and Inspection services since March of 2006. Our firm is a registered **Disadvantaged Business Enterprise (DBE), Small Business Enterprise (SBE), Minority Business Enterprise (MBE)** and Prequalified in Construction Engineering Inspection Services with the State of Florida.

AE Engineering has participated on numerous high profile federally funded and LAP projects. We are LAP Certified by the FDOT and have been the Prime CEI vendor for the Florida Department of Transportation, The Florida Department of Environmental Protection, and multiple local municipalities throughout the state of Florida. Our staff continues to broaden their experiences with CEI LAP projects and maintains specific LAP training for our CEI staff.

Specific CEI services related to this contract will consist of but not limited to:

- |                                       |  |  |
|---------------------------------------|--|--|
| 1. <b>Pre-Construction Meeting</b>    | 5. <b>Construction Changes</b>                                     | 8. <b>Project and Client Management</b>          |
| 2. <b>Shop Drawing Review</b>         | 6. <b>Substantial &amp; Final Inspections</b>                      | 9. <b>Certificate of Construction Completion</b> |
| 3. <b>Construction Meetings</b>       | 7. <b>Instrumentation and Control Services During Construction</b> |  |
| 4. <b>Construction Clarifications</b> |  |  |

We have carefully reviewed the RFP document and plans and the anticipated scope of works associated with the project. Having performed similar services for various municipalities, we are confident that our experience and qualifications are well aligned to making this project successful.

Our firm is best qualified to perform these services due to our experience performing similar services, our awareness of the project scope and the knowledge and familiarity we have gained from working with various municipalities in the past.

To provide the City with the best possible service, our firm has assigned Ricardo Baraybar, P.E. as the Senior Project Engineer/Project Manager to this important assignment. Mr. Baraybar has over twelve (12) years of experience as a Construction Engineering and Inspection Services. His core duties will include construction management, technical engineering assistance, CPM schedule review, quality assurance and financial project management for each of his contract

Mr. Baraybar has over twelve (12) years of experience as a Major Bridge Contractor and Construction Engineering and Inspection Services. His core duties will include construction management, technical engineering assistance, CPM schedule review, quality assurance and financial project management for each of his contracts.

AE’s reputation was built on our commitment to satisfy our clients’ needs through Effective Client Service, Innovative Solutions, Budget & Schedule Control and the Provision of Quality Deliverables. We therefore request that the City accept this proposal as a firm irrevocable offer until such time as the City Commission awards a contract as a result of this RFP.

**The following information is provided** (see side boxes):

Sincerely,

**AE Engineering, Inc.**



**Roderick Myrick, P.E.  
President**

“AE Engineering has participated on numerous high profile federally funded and LAP projects. We are LAP Certified by the FDOT and have been the Prime CEI vendor for the Florida Department of Transportation, The Florida Department of Environmental Protection, and multiple local municipalities throughout the state of Florida.”

**Prime Consultant**

**AE Engineering, Inc. (MBE)**  
3000 NE 30th Place, Suite 309-310,  
Fort Lauderdale, FL 33306

**Authorized Representatives**

**Ricardo Baraybar, P.E.**  
(Senior Project Engineer/Project Manager)  
rbaraybar@aeengineeringinc.com  
Tel: (813) 235-3056

**Roderick Myrick P.E. (President)**  
rod@aeengineeringinc.com  
Tel: (561)632-5185

5/16/2018

Detail by Entity Name

DIVISION OF CORPORATIONS



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

### Detail by Entity Name

Florida Profit Corporation  
AE ENGINEERING, INC.

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<b>Event Date Filed</b>	12/07/2015
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#### Principal Address

6440 Southpoint Parkway  
Suite # 300  
JACKSONVILLE, FL 32216

Changed: 03/05/2014

#### Mailing Address

6440 Southpoint Parkway  
Suite # 300  
JACKSONVILLE, FL 32216

Changed: 03/05/2014

#### Registered Agent Name & Address

Nichols, Cory W  
6440 Southpoint Parkway  
Suite # 300  
JACKSONVILLE, FL 32216

Name Changed: 10/25/2017

Address Changed: 03/05/2014

#### Officer/Director Detail

##### **Name & Address**

Title Senior Vice President

<http://search.sunbiz.org/Inquiry/CorporationSearch/SearchResultDetail?inquirytype=EntityName&directionType=Initial&searchNameOrder=AEENGINEERING%20P06>

5/16/2018

Detail by Entity Name

NICHOLS, CORY W  
1107 1st Street South  
Unit C  
Jacksonville Beach, FL 32250

Title VP

FISHER, DONALD F  
11528 Sedgemoore Drive North  
Jacksonville, FL 32223

Title President

Myrick, Roderick  
9180 Silver Glen Way  
Lake Worth, FL 33467

**Annual Reports**

Report Year	Filed Date
2017	03/30/2017
2017	10/25/2017
2018	03/07/2018

**Document Images**

<a href="#">03/07/2018 -- ANNUAL REPORT</a>	View image in PDF format
<a href="#">10/25/2017 -- AMENDED ANNUAL REPORT</a>	View image in PDF format
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Florida Department of State, Division of Corporations



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## 4. EXECUTIVE SUMMARY

## 4. EXECUTIVE SUMMARY

AE Engineering Inc. is a Minority Business Enterprise (**MBE**), Small Business Enterprise (**SBE**) Disadvantaged Business Enterprise (**DBE**) and Community Based Enterprise (**CBE**) in Broward County. Our firm was founded in Jacksonville, FL and our Company has provided Construction Engineering Inspection professional services since 2006. We have successfully managed and closed out over 20 Municipal Projects and have a long-standing relationship with an array Local Engineering Companies, Municipalities, FDOT representatives, Federal Agencies such as FEMA and all other pertinent agencies throughout the state of Florida. These relationships have been in place for several decades as our firms’ principals are veterans of the FDOT Professional Engineering Trainee program and have extensive relationships that have and will continue to prove invaluable to the construction team.

We are certified with the FDOT in Minor Design 3.1 and Construction Engineering and Inspection 10.1, and 10.4. These certifications allow our team to provide multi-discipline resolutions for the City of Hallandale Beach. AE Engineering’s Management Team of professionals has participated in a wide range of transportation, civil engineering, emergency mitigation and public projects. Our South Florida offices are located in Miami Dade County, Broward County and Palm Beach County. Our Principal and several of our teams’ personnel have previous experience working in the City of Hallandale on various projects to include the Hallandale Beach NE Quadrant Drainage Basin and FDOT I95 Design Build Pump Station project. Our firm employs nearly 75+ professionals that provide a broad range of local expertise with significant civil engineering and construction engineering and inspection services experience, we also have specialized resident compliance services and contract support services.

### PROPOSED TEAM

AE Engineering is proud to assign the following team to the City of Hallandale Beach Drainage Improvement Project.

Company	Name	Responsibility
AE Engineering, Inc.	Ricardo Baraybar, P.E.	Sr. Project Engineer / AE Project Mgr.
	Andres Atehortua	Project Administrator
	Christina Yero, P.E.	Contract Support Specialist and APA
	Erica Valencia	Resident Compliance Specialist
	Keith Perry	Inspector
	Torrance Thomas	Inspector
	Chris Morris	CEI Senior Inspector
	Alex Badder	Senior Inspector



# 2006

## Incorporated

<b>MBE</b>	<b>SBE</b>
<b>CBE</b>	<b>DBE</b>

“Our Principal and several of our teams’ personnel have previous experience working in the City of Hallandale on various projects to include the Hallandale Beach NE Quadrant Drainage Basin and FDOT I95 Design Build Pump Station project.”

## Number of Employees

# 75+

## Professionals

WE ARE CERTIFIED WITH THE FDOT IN:

- ➔ MINOR DESIGN 3.1
- ➔ CONSTRUCTION ENGINEERING AND INSPECTION 10.1, & 10.4.

## MANAGEMENT TEAM

### Ricardo Baraybar, P.E. – **Senior Project Engineer / Project Manager**

Mr. Baraybar will act as the overall lead and the liaison between AE Engineering and the City Of Hallandale Beach. His expertise and responsibilities include negotiating all pertinent contract changes, review of the contractor's CPM schedule, Technical Engineering assistance, financial project management and coordination of the final project delivery package as required by FEMA for Federal Grant Reimbursement.

### Andres Atehortua – **CEI Project Administrator**

Mr. Atehortua will handle all day-to-day construction activities with Lanzo Construction. He will be responsible to coordinate all project staff members, material testing, meetings, and overall contract administration.

### Christina Yero, P.E. – **CEI Contract Support Specialist**

Mrs. Yero will be responsible for all financial dealings between Lanzo Construction and the City of Hallandale Beach. She will be responsible for maintaining all project quantities, contract days, work orders and to verify all potential contract change estimates. She will work with Mr. Baraybar to prepare all contract requirements needed for FEMA Federal Grant Reimbursement.

### Erica Valencia – **CEI Resident Compliance Specialist**

Mrs. Valencia will be responsible for Federal requirements such as Equal Employment Opportunity (EEO) assurance, Affirmative Action control, On-the-Job Training requirements (OJT) and all other compliance aspects of the project.

Due to the multiple project locations scattered throughout the quadrant, we expect the contractor to provide multiple crews simultaneously working at the various locations. Due to this expected sequence, we proposed having two inspection teams.

## INSPECTION TEAM 1 (DRAINAGE IMPROVEMENTS AND INJECTIONS WELLS)

### Chris Morris – **CEI Senior Inspector / Overall Lead Project Inspector.**

Mr. Morris has proven to command respect from contractors, subcontractors and fellow employees. Chris will be responsible for ensuring all field inspections are conducted in accordance to the project specifications. In addition, Chris will be responsible for the day-to day dealings with Lanzo Construction's Project Superintendent and resolve all field related disputes. He will assign his inspection staff as needed to ensure all daily inspection needs are met.

### Keith Perry – **CEI Inspector**

Mr. Perry carries diverse road building experience. He will be responsible for monitoring all drainage and injection well installation, including logging photographs for all installed drainage pipes and joints. Mr. Perry will also be responsible for drainage backfill, compaction and asphalt roadway restoration inspection and testing.

## INSPECTION TEAM 2 (PUMP STATION AND SCHAFFER CANAL CONTROL STRUCTURE)

### Alex Badder – **CEI Senior Inspector**

Mr. Badder has the technical expertise and experience on various foundations, structural concrete components, and mechanical components. He will be responsible for ensuring both major structures are built in accordance to the project specifications. In addition to the structures, Alex will also be responsible to address all resident complaints and lead the boots-on-the-ground prerogative to ensure community knowledge of the project.

### Torrance Thomas – **CEI Inspector**

Mr. Thomas will be responsible for the daily inspection requirements of the project's structural components. His attention to detail ideally suits all required reinforcing steel and concrete inspections to ensure appropriate structures are delivered to the City.

## PROPOSED SERVICES

AE Engineering provides a broad range of consulting civil engineering services; we offer the following project specific civil engineering consulting services:

- ☑ Construction Management and Inspection Services
- ☑ ADA and Environmental Compliance Inspections
- ☑ Project Surveillance: Daily and Weekly Field Inspection Reports
- ☑ Document Control: Schedule and Progress Tracking, Contract Change tracking, Issuance of Work order and cost estimate justification
- ☑ Review of all pertinent project documentation including shop drawings, submittals, request for change, procedures, reports etc.
- ☑ Project Certifications: As-builts & Material Certifications, Material Testing
- ☑ Project Invoicing: Monthly pay requests, Estimates, Change Orders, and all necessary contract negotiations.
- ☑ Quality Control & Quality Assurance
- ☑ Final Punchlist tracking and correction, end of warranty inspections, final estimates package
- ☑ FEMA grants reimbursement services to include reporting and invoice support

We believe a successful project can only begin with the following goals firmly established:

- Complete the project within cost and time requirements; while ensuring FEMA reimbursement to the City of Hallandale Beach.
- Perform 100% of all required Sampling and Testing in accordance with the Specifications.
- Provide Customer Service techniques to minimize the number of project related complaints that reach the Owner.
- Ensure project and contract compliance requirements are met and all deficiencies are addressed by the Contractor immediately.

To achieve all our services, our Executive Management team meets weekly with the project team via teleconference to discuss the status of each project. During these sessions, each projects' Hot Issues report is evaluated for issues that can impact the timely completion of the project. In the event issues are identified that show a high risk to the successful completion of the project our Executive Management team will jointly engage the Project team and ensure they are implementing a corrective action plan to mitigate the impacts to the project. Once the action plan is finalized, our President will ensure that the project team engages the Client Project Manager to solicit input and feedback to ensure we are meeting their needs and fulfilling our contract scope obligations thru risk assessment and the application of mitigation efforts.

AE's Organizational systems are key to our success – our staff, at all levels are encouraged to engage our Principals and Executives with any issues they feel are critical to the success of the project. Given this upfront and open communication, **we are able to react and minimize project impacts as our management team is always well informed on each project.** This hands on approach is a strength that a local CEI firm such as ours brings to the execution of each project.



**RICARDO BARAYBAR, P.E.**  
Senior Project Engineer/  
Project Manager



**ROD MYRICK, P.E.**  
President / Owner



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MANAGEMENT AGENCY (FEMA) GRANT SOUTHWEST (SW) DRAINAGE PROJECT

## **5.** MINIMUM QUALIFICATIONS REQUIREMENTS (MQRS)

## 5.1 MINIMUM QUALIFICATIONS REQUIREMENT #1: YEARS IN BUSINESS-SUNBIZ

### AE ENGINEERING, INC.

AE Engineering, Inc. and all assigned key professional staff possess all licenses and certifications required to undertake and complete the project. Licenses for our team are below:

### PROFESSIONAL LICENSES AND CERTIFICATIONS

5/16/2018 Detail by Entity Name DIVISION OF CORPORATIONS



**DIVISION of CORPORATIONS**  
an official State of Florida website

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**Detail by Entity Name**

Florida Profit Corporation  
AE ENGINEERING, INC.

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**Principal Address**

6440 Southpoint Parkway  
Suite # 300  
JACKSONVILLE, FL 32216

Changed: 03/05/2014

**Mailing Address**

6440 Southpoint Parkway  
Suite # 300  
JACKSONVILLE, FL 32216

Changed: 03/05/2014

**Registered Agent Name & Address**

Nichols, Cory W  
6440 Southpoint Parkway  
Suite # 300  
JACKSONVILLE, FL 32216

Name Changed: 10/25/2017

Address Changed: 03/05/2014

**Officer/Director Detail**

**Name & Address**

Title Senior Vice President

<http://search.sunbiz.org/Inquiry/CorporationSearch/SearchResultDetail?inquirytype=EntityName&directionType=Initial&searchNameOrder=AEENGINEERING%2>

5/16/2018

Detail by Entity Name

NICHOLS, CORY W  
1107 1st Street South  
Unit C  
Jacksonville Beach, FL 32250

Title VP

FISHER, DONALD F  
11528 Sedgemoore Drive North  
Jacksonville, FL 32223

Title President

Myrick, Roderick  
9180 Silver Glen Way  
Lake Worth, FL 33467

**Annual Reports**

Report Year	Filed Date
2017	03/30/2017
2017	10/25/2017
2018	03/07/2018

**Document Images**

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Florida Department of State, Division of Corporations

<http://search.sunbiz.org/Inquiry/CorporationSearch/SearchResultDetail?inquirytype=EntityName&directionType=Initial&searchNameOrder=AEENGINEERING%20P06>

5.2 MINIMUM QUALIFICATIONS REQUIREMENT #2: LICENSE ENGINEER



**Florida Department of Transportation**

605 Suwannee Street  
Tallahassee, FL 32399-0450

RICK SCOTT  
GOVERNOR

MIKE DEW  
SECRETARY

July 25, 2017

Alejandro Echeverria, President  
AE ENGINEERING, INC.  
6440 Southpoint Parkway, Suite 300  
Jacksonville, Florida 32216

Dear Mr. Echeverria:

The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify your firm for the following types of work:

- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
  - 10.4 - Minor Bridge & Miscellaneous Structures CEI

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	Field <u>Office</u>	Overtime <u>Premium</u>	<u>Direct Expense</u>
Overhead Rate	123.53%	Reimbursed	14.57% (Field)*

\*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,  
  
Carliayn Kell  
Professional Services  
Qualification Administrator

www.fdot.gov

# State of Florida

## Board of Professional Engineers

Attests that  
**AE Engineering, Inc.**

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

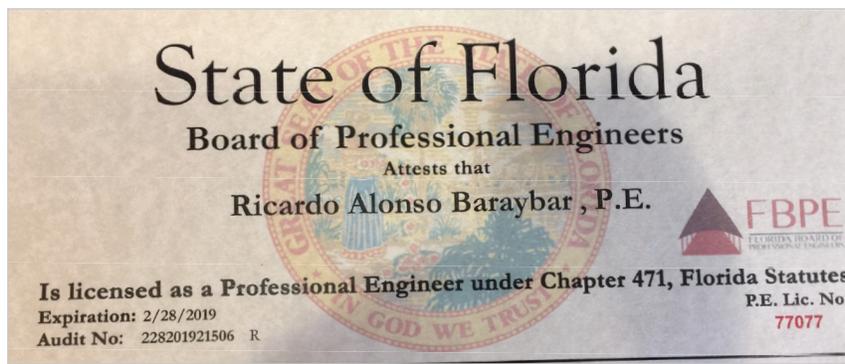
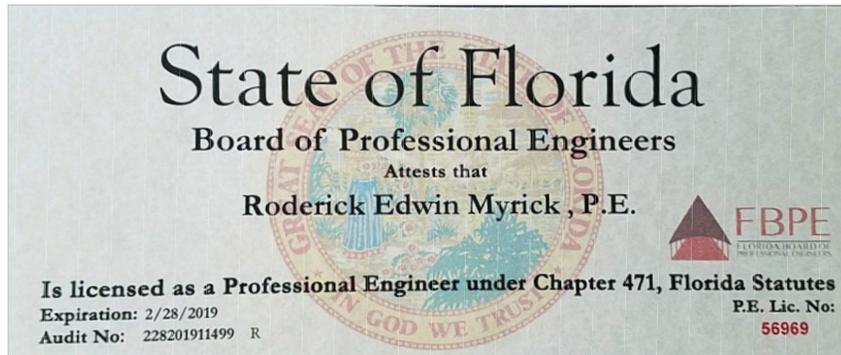
Expiration: 2/28/2019  
Audit No: 228201904790 R



**FBPE**  
FLORIDA BOARD OF  
PROFESSIONAL ENGINEERS

CA Lic. No:  
**27212**

## PROFESSIONAL LICENSES AND CERTIFICATIONS - AE ENGINEERING, INC.



### 5.3 MINIMUM QUALIFICATIONS REQUIREMENT #3: PREVIOUS EXPERIENCE

RFP # FY 2017-2018-010  
CONSTRUCTION ADMINISTRATION AND  
ENGINEERING INSPECTION SERVICES  
FEMA GRANT SW DRAINAGE PROJECT

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Proposers **must** provide the information for MQR #3 on the following chart(s):

Name and Location of Contract # 1:	NE 34th Court Drainage and Reconstruction, Oakland Park, FL
Name of the Firm that was awarded the Contract:	Calvin Giordano and Associates, Inc.
List all of the sub-contractors that worked for the awarded Contractor to provide all services required for the Contract:	AE Engineering, Inc.
Date when Contract started:	June 2014
Date when Contract was completed:	December 2015
Name of entity for which services were provided to:	Florida Department of Transportation - District IV
Updated contact name, phone and email for Project Manager where services were provided to:	Ronald Desbrunes, (954) 535-2778 ronaldd@lauderdalelakes.org
What specific types of tasks did the awarded Firm perform? Explain in detail the experience with FEMA Drainage Projects.	AE provided the Sr. Project Engineer and Inspection support staff on this contract. All reporting was completed by the team in accordance with FDOT, DEP, FWC and FEMA requirements. Earthwork testing, pipe inspection and reporting.
Explain in detail all the services that the awarded Contractor performed:	The awarded firm subcontracted portions of the CEI services to AE Engineering. The team completed all inspection services for the installation of the new drainage system. The staff performed all reporting for compliance and evaluated the installations for both the drainage system and reconstructed base and decorative features, the area is impacted by tidal surges and portions of the work were phased to be completed during low tide. Coordinated directly with the City, County and DOT for the invoices on the contract as required.

City of Hallandale Beach, 400 South Federal Highway, Hallandale Beach, FL 33009  
[www.cohb.org/solicitations](http://www.cohb.org/solicitations)

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Name and Location of Contract # 2:	Glades Citizens' Villas Stormwater Improvement Project, Pahokee, FL
Name of the Firm that was awarded the Contract:	AE Engineering, Inc.
List all of the sub-contractors that worked for the awarded Contractor to provide all services required for the Contract:	Baker Klein Engineering, Inc. BBLs Surveyors
Date when Contract started:	November 2016
Date when Contract was completed:	June 2018
Name of entity for which services were provided to:	City of Pahokee
Updated contact name, phone and email for Project Manager where services were provided to:	Jongelene Adams, Project Manager 561-360-0079 jadams@cityofpahokee.com
What specific types of tasks did the awarded Firm perform? Explain in detail the experience with FEMA Drainage Projects.	AE Engineering provided scope and cost estimates during the plans preparation process on this project. AE was tasked with providing CEI services on the construction project after bid were awarded. The project included multiple funding sources including Hazard Mitigation Grant Program (HMGP) and DEP Stormwater Grant Program funding.
Explain in detail all the services that the awarded Contractor performed:	The firm provided design, project management and construction management services on this contract. The project consisted of the survey and design to increase storage and provide drainage improvements to reduce property damage caused by flooding during storm events and to reduce the duration of street flooding conditions. The team provided project management services which included quarterly agency grant reporting and construction management services to increase the capacity of the system and to lower the water level in the adjacent rim canals thru coordination with the water control District.

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Name and Location of Contract # 3:	NE 38th Street Reconstruction and Drainage Improvements - Oakland Park, FL
Name of the Firm that was awarded the Contract:	AE Engineering, Inc.
List all of the sub-contractors that worked for the awarded Contractor to provide all services required for the Contract:	
Date when Contract started:	March 2013
Date when Contract was completed:	August 2014
Name of entity for which services were provided to:	City of Oakland Park
Updated contact name, phone and email for Project Manager where services were provided to:	Ronald Desbrunes, (954) 535-2778 ronaldd@lauderdalelakes.org
What specific types of tasks did the awarded Firm perform? Explain in detail the experience with FEMA Drainage Projects.	AE provided key personnel to ensure the successful completion of this project. Several staff members were intimately involved with the inspection and reporting services to ensure compliance with the LAP, FEMA and CDBG grant funding for this project. Project personnel proposed are the same personnel that providing drainage and construction inspection for the project. To include the FDOT, County and FEMA reporting requirements. Earthwork testing, pipe inspection and reporting was also included.
Explain in detail all the services that the awarded Contractor performed:	The firm provided CEI services to the City of Oakland Park on this project. The project scope was a total reconstruction to improve the existing drainage system to include the connection to an existing 84" prestressed reinforced concrete pipe along the mainline that was not previously utilized for stormwater conveyance. The project team coordinated the technical and administrative functions on the project to include site surveillance, field inspection and reporting to ensure contractor compliance. The team coordinate monthly pay applications for the City's review and approval during the Construction phase.

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MANAGEMENT AGENCY (FEMA) GRANT SOUTHWEST (SW) DRAINAGE PROJECT

## **6.** REQUIRED FORMS

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## FORMS

**ALL FIRMS' MUST COMPLETE, SIGN AND RETURN ALL FORMS WITH  
THE FIRM'S SUBMITTAL.**

**ALL FIRMS THAT ARE SUBMITTING A RESPONSE TO THIS RFP, EITHER  
THROUGH A JOINT VENTURE, A JOINT COLLABORATIVE PROPOSAL,  
ETC. MUST SIGN  
AND SUBMIT ALL FORMS AS PART OF THE RESPONSE TO THIS RFP**

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**VARIANCE FORM**

The proposing Firm **must** provide and state any and all variances to this RFP, specifications, the Terms and Conditions and City Form Agreement and III on this variance form.

After award of Contract through City Commission, via the Resolution, the awarded Firm's Variance Form will be reviewed by appropriate City Staff, the City Attorney and the Risk Manager. If the variances presented by your Firm are acceptable to the City, the Agreement will be routed to the awarded Firm for execution by the authorized officer of the Firm. The fully executed agreement will be required to be returned to the City of Hallandale Beach Procurement Department, Tom Camaj, via email [tcamaj@cohb.org](mailto:tcamaj@cohb.org) within five (5) business days from receipt of the email from the Procurement Department to the awarded Firm's contact. Failure to provide a duly executed agreement by the awarded Firm to the City within five (5) business days from receipt may result in loss of award of such contract to your Firm. Variances requested to either the RFP, the Terms and Conditions and the City Form Agreement from your Firm may result in the City rescinding award of contract to your Firm.

If your Firm has no variances, please state "None" (provide additional pages if necessary). This form must be provided back in Firm's response.

None

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**THIS PROPOSAL SUBMITTED BY:**

COMPANY: AE Engineering, Inc.
ADDRESS: 3000 NE 30th Place, Suite 309-310
CITY & STATE: Fort Lauderdale, Florida
ZIP CODE: 33306
TELEPHONE: 561-632-5185
DATE OF RFP: May 1, 2018
FACSIMILE NUMBER:
E-MAIL ADDRESS: rod@aeengineeringinc.com
FEDERAL ID NUMBER: 20-4567692
NAME & TITLE PRINTED: Roderick Myrick, PE / President
SIGNED BY: 

WE (I) the above signed hereby agree to furnish the item(s), service(s) and have read all attachments including specifications, terms and conditions and fully understand what is required.

The Request for Proposals, Specifications, Proposal Forms, and/or any other pertinent document form a part of this proposal and by reference made a part hereof. Signature indicates acceptance of all terms and conditions of the RFP.

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**LEGAL PROCEEDINGS FORM**

Proposing Firm must provide items a-d with your Firm's response as an attachment and checking off that documents were provided. Your Firm must ensure your response is addressing by title for each item a-d below. If an item(s) is not applicable, your Firm must check off as applicable stating "N/A" and authorized officer per Sunbiz to provide signature.

- a. Arbitrations: List all arbitration demands filed by or against your Firm in the last five (5) years, and identify the nature of the claim, the amount in dispute, the parties and the ultimate resolution of the proceeding.

Check here if provided       Check here if Not Applicable (N/A)

- b. Lawsuits: List all lawsuits filed by or against, your Firm in the last five (5) years, and identify the nature of the claim, the amount in dispute, the parties, and the ultimate resolution of the lawsuit.

Check here if provided       Check here if Not Applicable (N/A)

- c. Other Proceedings: Identify any lawsuits, administrative proceedings, or hearings initiated by the National Labor Relations Board, Occupational Safety and Health or similar state agencies in the past five (5) years concerning any labor practices or project safety practices by your Firm. Identify the nature of any proceeding and its ultimate resolution.

Check here if provided       Check here if Not Applicable (N/A)

- d. Bankruptcies: Has your Firm or its parents or any subsidiaries ever had a Bankruptcy Petition filed in its name, voluntarily or involuntarily? (If yes, specify date, circumstances, and resolution).

Check here if provided       Check here if Not Applicable (N/A)

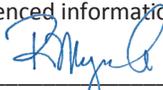
- e. Settlements: Identify all settlements for your Firm in detail in the last five (5) years.

Check here if provided       Check here if Not Applicable (N/A)

I, Roderick Myrick, \_\_\_\_\_, \_\_\_\_\_  
Name of Authorized Officer per Sunbiz      Title

of AE Engineering, Inc.  
Name of Firm as it appears on Sunbiz

I hereby attest that I have the authority to sign this notarized certification and certify that the above referenced information is true, complete and correct.

  
\_\_\_\_\_  
Signature of Authorized Officer per SunBiz

Roderick Myrick  
\_\_\_\_\_  
Print Name of Authorized Officer per SunBiz

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**PUBLIC ENTITY CRIME FORM**

**SWORN STATEMENT PURSUANT TO SECTION 287.133(2) (a),  
FLORIDA STATUTES,  
PUBLIC ENTITY CRIME INFORMATION**

“A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a Contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.”

By: Roderick Myrick 

Title: President

Signed and Sealed 21st day of May, 2018

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**Domestic Partnership Certification Form**

**This form must be completed and submitted with your Firm's submittal.**

**Equal Benefits Requirements** As part of the competitive solicitation and procurement process a Contractor seeking a Contract shall certify that upon award of a Contract it will provide benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses. Failure to provide such certification shall result in a Contractor being deemed non-responsive.

**Domestic Partner Benefits Requirement means** a requirement for City Contractors to provide equal benefits for domestic partners. Contractors with five (5) or more employees contracting with City, in an amount valued over \$50,000, provide benefits to employees' spouses and the children of spouses.

The Firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of City of Hallandale Beach Ordinance 2013-03 Domestic Partnership Benefits Requirement, and certifies the following:

**Check only one box below:**

- 1. The Contractor certifies and represents that it will comply during the entire term of the Contract with the conditions of the Ordinance 2013-03, Section 23-3, Domestic Partner Benefits Requirement of the City of Hallandale Beach, or
- 2. The Firm does not need to comply with the conditions of Ordinance 2013-03, Section 23-3, Domestic Partner Benefits Requirement of the City of Hallandale Beach, because of allowable exemption: **(Check only one box below):**
  - The Firm's price for the contract term awarded is \$50,000 or less.
  - The Firm employs less than five (5) employees.
  - The Firm does not provide benefits to employees' spouses nor spouse's dependents.
  - The Firm is a religious organization, association, society, or non-profit charitable or educational institution or organization operated, supervised or controlled by or in conjunction with a religious organization, association or society.
  - The Firm is a government entity.
  - The contract is for the sale or lease of property.

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- The covered contract is necessary to respond to an emergency.
- The provision of Ordinance 2013-03, Section 23-3 Definition, of the City of Hallandale Beach, would violate grant requirements, the laws, rules or regulations of federal or state law.

I, Roderick Myrick, President  
Name of authorized Officer per Sunbiz Title

of AE Engineering, Inc.  
Name of Firm as it appears on Sunbiz

hereby attest that I have the authority to sign this notarized certification and certify that the above referenced information is true, complete and correct.

Roderick Myrick  
Signature Print Name

STATE OF Florida

COUNTY OF Broward

SWORN TO AND SUBSCRIBED BEFORE ME THIS 21st DAY OF

May, 2018 BY Roderick Myrick

TO ME PERSONALLY KNOWN OR PRODUCED IDENTIFICATION:

(type of ID)

Nov 1, 2018  
Commission expires

Signature of Notary  
Tracy-Ann Cockburn  
Print Name of Notary Public



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**CONFLICT OF INTEREST NOTIFICATION REQUIREMENT QUESTIONNAIRE**

If you are an employee, board member, elected official(s) or an immediate family member of any such person, please indicate the relationship below. Pursuant to the City of Hallandale Beach Standards of ethics any potential conflict of interest must be disclosed and if requested, obtain a conflict of interest opinion or waiver from the Board of Directors prior to entering into a contract with the City.

1. Name of Firm submitting a response to this RFP.

AE Engineering, Inc.

2. Describe each affiliation or business relationship with an employee, board member, elected official(s) or an immediate family member of any such person of the City of Hallandale Beach or Hallandale Beach Community Redevelopment Agency, if none so state.

None

3. Name of City of Hallandale Beach or Hallandale Beach Community Redevelopment Agency employee, board member, elected official(s) or immediate family member with whom filer/respondent/Firm has affiliation or business relationship, if none so state.

None

4. Describe any other affiliation or business relationship that might cause a conflict of interest, if none so state.

None

**CONFLICT OF INTEREST NOTIFICATION REQUIREMENT QUESTIONNAIRE**

5.

Roderick Myrick / AE Engineering, Inc.



5/21/2018

Signature of person/Firm

Date

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**DRUG-FREE WORKPLACE FORM**

The undersigned vendor in accordance with Florida Statute 287.087

Hereby certified that AE Engineering, Inc. does:  
(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of or plea of guilty or nolo contendere to, any violation of Chapter 1893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As a person authorized to sign the statement, I certify that this Firm complies fully with the above requirements.

DATE:	5/21/2018	Roderick Myrick	BIDDER'S SIGNATURE: 
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**ANTI-KICKBACK AFFIDAVIT**

STATE OF Florida )  
COUNTY OF Broward ) ) SS:

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Hallandale Beach and its elected officials, as a commission, kickback, reward or gift, directly or indirectly by me or any member of my Firm or by an officer of the corporation.

By:   
Signature of Authorized Officer per Sunbiz

Roderick Myrick  
Print Name of Authorized Officer per Sunbiz

President  
Title of Authorized Officer per Sunbiz

Sworn and subscribed before me this 21st day of May, 2018.

NOTARY PUBLIC  
  
State of Florida at Large



My Commission Expires: Nov 1, 2018

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**REFERENCE CHECK FORM**

RFP # FY 2017-2018-010 CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES FEMA GRANT SW DRAINAGE PROJECT	
PROPOSING FIRM'S NAME(S) : AE Engineering Inc.	
PROJECT NAME: NE 34th Court Reconstruction (within 6th Avenue R/W)	
WAS THIS A FEMA DRAINAGE PROJECT: Yes	
NAME OF FIRM THAT WAS AWARDED THE AGREEMENT FOR THE PROJECT: Calvin, Giordano & Associates, Inc.	
NAME ALL THE FIRMS THAT WERE SUBCONTRACTORS TO THE PROJECT AND PROVIDED SERVICES: AE Engineering Inc.	

<b>Name of reference:</b>	Ronald Desbrunes,	<b>Phone:</b>	954-535-2778
<b>Title of reference:</b>	Project Manager	<b>E-mail Address:</b>	Ronaldd@lauderdalelakes.org
<b>Company/Employer:</b>	City of Lauderdale Lakes		

Please answer the following questions regarding services provided by the proposer named above.

1. Provide detail information of the specific services the Firm provided for your Project.
Calvin Giordano & Associates hired to provide Construction Engineering Inspection (CEI) for the project. Services provided included grant management, construction inspection and engineering services.

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2. Provide detail information about the level of commitment of the Firm to your project. Did the Firm devote the time, and personnel necessary to successfully complete the organization's needs?

For the entire duration of the project, Appropriate and very knowledgeable staffing was provided. Staffs affected to the project were very responsive. They provided services related to the project beyond the scope and terms of the agreement.

3. Provide detail information about the competence, accessibility, and responsiveness of the Firm's personnel supervising and performing the work on the project.

Staffs affected to the project were very responsive and knowledgeable. They were excellent in foreseeing potential issues and often proposed alternative solutions. They were excellent in the handling of all the federal requirements of the grant. The coordination with FDOT and updating of information in the LAPIT system was handled by the consultant as well.

4. Provide detail information about the Firm's response time as required by your Agreement. Where there ever any issues and why?

The firm was very responsive. The agreement signed with CGA was for "Not to exceed" amount. Although the project took longer than anticipated, their staffs put the required time for inspection and certification at no additional cost to the City.

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5. Provide detail information about the Firm's success at minimizing any issues.

Staff affected to the project was excellent in the identification of potential issue whether with the approved plans or on site. They were able to often propose alternative solutions.

6. How would you rate the Firm's overall work throughout the years on the Contract?

Services provided for the project was excellent.

**ADDITIONAL COMMENTS:**


SIGNATURE: \_\_\_\_\_

Date: \_\_\_\_\_

*[Handwritten Signature]*      5/18/18

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**REFERENCE CHECK FORM**

RFP # FY 2017-2018-010 CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES FEMA GRANT SW DRAINAGE PROJECT	
PROPOSING FIRM'S NAME(S) : AE Engineering Inc.	
PROJECT NAME: 38th Street (Park Lane East) Drainage Improvements	
WAS THIS A FEMA DRAINAGE PROJECT: Yes	
NAME OF FIRM THAT WAS AWARDED THE AGREEMENT FOR THE PROJECT: Calvin, Giordano & Associates, Inc.	
NAME ALL THE FIRMS THAT WERE SUBCONTRACTORS TO THE PROJECT AND PROVIDED SERVICES: AE Engineering Inc.	

Name of reference:	Ronald Desbrunes,	Phone:	954-535-2778
Title of reference:	Project Manager	E-mail Address:	Ronaldd@lauderdalelakes.org
Company/Employer:	City of Lauderdale Lakes		

Please answer the following questions regarding services provided by the proposer named above.

1. Provide detail information of the specific services the Firm provided for your Project.
Calvin Giordano & Associates hired to provide Construction Engineering Inspection (CEI) for the project. Services provided included grant management, construction inspection and engineering services.

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2. Provide detail information about the level of commitment of the Firm to your project. Did the Firm devote the time, and personnel necessary to successfully complete the organization's needs?

For the entire duration of the project, Appropriate and very knowledgeable staffing was provided. Staffs affected to the project were very responsive. They provided services related to the project beyond the scope and terms of the agreement.

3. Provide detail information about the competence, accessibility, and responsiveness of the Firm's personnel supervising and performing the work on the project.

Staffs affected to the project were very responsive and knowledgeable. They were excellent in foreseeing potential issues and often proposed alternative solutions. They were excellent in the handling of all the federal requirements of the grant. The coordination with FDOT and updating of information in the LAPIT system was handled by the consultant as well.

4. Provide detail information about the Firm's response time as required by your Agreement. Where there ever any issues and why?

The firm was very responsive. The agreement signed with CGA was for "Not to exceed" amount. Although the project took longer than anticipated, their staffs put the required time for inspection and certification at no additional cost to the City.

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5. Provide detail information about the Firm's success at minimizing any issues.

Staff affected to the project was excellent in the identification of potential issue whether with the approved plans or on site. They were able to often propose alternative solutions.

6. How would you rate the Firm's overall work throughout the years on the Contract?

Services provided for the project was excellent.

**ADDITIONAL COMMENTS:**


SIGNATURE: \_\_\_\_\_

Date: \_\_\_\_\_

*[Handwritten Signature]*      *5/18/18*

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### TRUTH IN NEGOTIATION CERTIFICATION

Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the City requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal, or as prescribed in the contract advertisement.

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for the project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the City determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the City, whichever is later.

AE Engineering, Inc.

Print Firm's Name



Authorized Officer of the Firm listed on Sunbiz' Signature

Roderick Myrick

Print Name of Authorized Officer of the Firm Executing Above

5/21/2018

Date

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## **7.** FIRM QUALIFICATIONS AND EXPERIENCE

## 7. FIRM QUALIFICATIONS AND EXPERIENCE

AE Engineering Inc., (AE) is pleased to submit its qualification package to Hallandale Beach to provide CEI Inspection Services for FEMA Grant Southwest Drainage Project. Our team has been strategically selected to provide the City with key staff that has previous experience with this type of project. AE, with its long history of successful completion of federally funded / LAP CEI Projects stand ready, willing and able to support the City on this contract. The AE team is exceptionally prepared to serve as your partner in meeting the challenges you face in cost effectively implementing your work program.

In order to deliver a successful project, the following skills are crucial in order for the AE Team to develop and maintain good working relationships with ALL project stakeholders: **WE ARE COMMITTED TO THE CITY OF HALLANDALE BEACH.**

**Leadership:** Strong management, engineering and technical skills as well as experience in similar reconstruction/widening projects.

**Communication:** Effective communication skills and a demonstrated ability to work with the community, as well as build public support for the project and the City through close and frequent communication with all stakeholders.

**Coordination:** Diligent coordination among all project stakeholders is essential in order to maintain the project schedule, minimize construction impacts, and deliver the project within budget.

### I. EXPERIENCE WITH FEMA DRAINAGE PROJECTS

AE Engineering Inc. has successfully completed a multitude of projects to both meet and exceed the FEMA drainage requirements stated in the proposal. AE has worked with multiple municipalities throughout the state of Florida including locally in Broward, Palm Beach and the western Glades County community on major stormwater improvement project to ensure the safety and viability of their communities. During our existence, most, if not all, of our projects have contained drainage scopes that are designed to ensure conveyance to the adjacent canals during flood events. As the majority of our work has occurred in South Florida we are cognizant of the tidal impacts to the drainage systems and the needs to provide mechanical conveyance due to the fact that at time virtually no head is available to drain the basin.

#### OUR MOST NOTABLE FEMA DRAINAGE EXPERIENCE IS LISTED BELOW:

Our SR A1A / Sunrise Blvd Emergency Washout project was an emergency disaster repair project that required a new drainage system along SR A1A due to flooding and washouts from multiple storms affecting the area. This project contained drainage systems along with FEMA emergency funding to prevent further deterioration to SR A1A. The project included the installation of new French drain system with tie-ins to the existing system, with subsequent backfill and asphalt resurfacing similar to the six-impacted streets within the proposed City of Hallandale Beach SW Drainage quadrant. Due to this project being adjacent to both the Atlantic Ocean and the Intracoastal Waterway, it encompassed high-level ground water issues and prominent environmental risk factors. The environmental and high ground water construction methods learned at SR A1A Washout will be applied to both drainage installation, Control Structure and Pump Station construction along Schaffer Canal.

Our Glades Citizens Villas project included project management services with specific task such as survey, design, and Construction Engineering and Inspection services to ensure the new drainage system with incorporated valves to reduce the flooding observed within the Community. The team worked with the City to develop a scope for the grant applications and submitted packages for grant applications for both FEMA and FDEP and received funding for this much needed improvement project. The scope of the improvements required a drainage study, permit coordination, hydrological design and construction management services for the 29 plus acres Glades Citizens Villas Subdivision. The project included the installation of both standard pipe and French drain systems that required removal of unsuitable materials along the adjacent community. The adjacent rim canal included grading operations to provide adequate freeboard and increase the conveyance of the system. The project was funded by both FEMA and FDEP and our team conducted the quarterly reporting and invoicing as a representative of the City on this project.

The City of Oakland Park; NE 34th Court Improvements between NE 2nd Avenue and 11th Avenue Project and NE 38th Street/ Park Lane East Project from NE 11th Avenue to Andrews Avenue projects were FEMA and CDBG grant projects completed over

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**“During our existence, most, if not all, of our projects have contained drainage scopes that are designed to ensure conveyance to the adjacent canals during flood events. As the majority of our work has occurred in South Florida we are cognizant of the tidal impacts to the drainage systems and the needs to provide mechanical conveyance due to the fact that at time virtually no head is available to drain the basin.”**

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a three year period. The scope of work consisted 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. As the CEI on these projects, we provided onsite inspection and project administration services to ensure the Contractor was following the specifications and plans for the project. The field observation and reporting were included in the quarterly reports to FDOT, FEMA and the County to ensure compliance with all contract requirements by the Contractor and Agency. The project spanned the period between June 2012 and June 2015.

Apart from our CEI projects, we also had the opportunity to work as Owner representatives on several other storm water improvement projects. These include the Hallandale Beach I95 Pump Station project that our Principal served as the FDOT Project Manager on in your Community in the early 2000s. This system continues to work as part of the area conveyance to minimize storm water flooding to the Community. We are also currently working with the City of Riviera Beach, the City of Pahokee and the City of West Palm Beach on other stormwater and utility related projects that are similar in nature and scope to elements included in the FEMA Grant SW Drainage District project improvements.

## II. ORGANIZATION, SIZE AND EXPERIENCE

AE Engineering, Inc. (AE) was founded in 2006 and has been a prequalified Construction Engineering and Inspection provider since inception. Our Small Business Enterprise (SBE) / Disadvantage Business Enterprise (DBE) and Community Base Enterprise (CBE Broward County) company.

Today, our firm employs nearly 70+ professionals that provide a broad range of civil engineering and construction engineering and inspection services, we also have specialized resident compliance services and bridge coatings services.

Our CEI division has serviced the Florida Department of Transportation, Florida Department of Environmental Protection, many Municipalities and Local Agencies throughout the state of Florida.

We are certified with the FDOT in Minor Design 3.1 and Construction engineering and Inspection 10.1, and 10.4 this allows our team to provide multi-discipline resolutions for each of our clients. Our clients become repeat customers due to our personal approach with each client combined with our company wide belief that a repeat client is the truest testimony of successful business practices. This winning combination is affirmed by the fact that AE has grown steadily during the past eleven (11) years while adding professionals and technology that address the needs of our Construction clients.

The firm remains committed to providing exemplary CEI services and maintaining a high level of dedication to each of our clients.

Below is a summary of our organizational structure.

Name/Title	Years of Experience/Key Roles	Area of Responsibility
Rod Myrick, PE, President	24/ President, Administration, Recruitment, Day to Day Operations, Sr. Project Engineer	South Florida – District 1, 4, 6, Turnpike
Cory Nichols, PE SR.VP, Quality Assurance	21/ Vice President, Sr. Project Eng., QA Plan Implementation	Central Florida North Region – – District 2, 3, 5, and 7

AE’s Organizational systems are key to our success – our staff, at all levels, and are encouraged to engage our Principals with any issues that they feel are critical to the success of the project. Given this upfront and open communication, we are able to react and minimize project impacts as our management team is always well informed on each project – this is a strength that a local CEI firm such as ours brings to the execution of each project.

Since day one, Roderick and Cory have structured our firm to provide Construction Management services in accordance with the FDOT’s Construction Project Administration Manual and the applicable project Standards and Specifications. As stated above our operations have been divided into their respective regions, nevertheless our management team remains in constant communication to ensure that our clients’ expectations aren’t just met but exceeded.

## III. DESCRIBE IN DETAIL THE CLIENTS FOR WHICH THESE TYPES OF SERVICES HAVE BEEN PROVIDED

The following project experience are provided to further illustrate our prior projects representing services that may be anticipated on this Contract. We have provided information relative to the project description, scope of work, project duration and budget. The relevant client contact information is also provided should the City Evaluation committee desire to have more information with respect to the client’s perspective on AE’s performance and the success of the respective project.

Please feel free to contact our previous clients as needed to further evaluate our past performance in consideration for this project. AE is committed to exceeding its previous performance records and will implement the necessary project implementation strategy and provide the talent pool of resources to back and ensure that the strategy is successful. We take the trust and confidence of our clients very seriously and will perform requisite services accordingly. AE is a highly responsible firm and guarantees an exemplary performance for this project if the City favorably considers our team for the opportunity.

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**“Please feel free to contact our previous clients as needed to further evaluate our past performance in consideration for this project. AE is committed to exceeding its previous performance records and will implement the necessary project implementation strategy and provide the talent pool of resources to back and ensure that the strategy is successful.”**

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**Project Name: SR 5/OVERSEAS HRT.TRL AT SPANISH HARBOR**

**Contact:** James Post., FDEP Project Manager

**Telephone Number:** 305-853-3571

**Project Description:** AE Engineering Inc. was responsible for the construction engineering inspection services on this project. This FDOT / FDEP LAP project includes replacement of missing bridge span sections via proprietary pre-fabricated truss and precast concrete beams, existing deck milling and resurfacing, joint/crack cleaning and resealing, aluminum safety railing, navigational lighting, striping and signage. The bridge lies on the Bay side of US 1. The repair will promote use as a multi-use bicycle, pedestrian, and angler observation walk.

**Project Name: SR 5/OVERSEAS HRT.TRL AT MM 47 (KNIGHTS KEY) PEDESTRIAN UNDERPASS/ADA**

**Contact:** James Post., FDEP Project Manager

**Telephone Number:** 305-853-3571

**Project Description:** AE Engineering Inc. was responsible for the construction engineering inspection services on this project. The scope of this FDOT / FDEP LAP project is to construct new ADA ramps, retaining walls, bulkhead wall, sidewalks, railing, pedestrian bridge approach, miscellaneous landscaping, signage, and striping within DOT right-of-way.

**Project Name: SR 122 (GOLFAIR BLVD) & SR 117 (NORWOOD AVE) FROM I-95 TO MAIN STREET - FDOT, D2**

**Contact:** Jessica Tippett, P.E., FDOT Project Manager

**Email and Telephone Number:** jessica.tippett@dot.state.fl.us / (904) 360-5504

**Project Description:** This federally funded, unit price project 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.

Below are a list of LAP projects where the project team have worked together, and has delivered ahead of schedule, and/or under budget:

**City of Oakland Park (LAP)**

- NE 38th Street/Park Lane East Project from NE 11th Avenue to Andrews Avenue; FM # 42776716801
- NW 38th Park Lane West from Powerline Road to Andrews Avenue; LAP Project FPN: 4277661680
- NE 34th Court Improvements between NE 2nd Avenue and 11th Avenue Project
- NW 39th Street Canal Trail Improvements; LAP Project FM# 425538-1-58-01

**City of West Palm Beach (LAP)**

- Fern Street Improvement Project FM#43347416801
- 15th Street Beautification Project FM#431652168.01
- Tamarind Avenue Streetscape Project FM#4296651
- Quadrille Blvd (Okeechobee to Datura) (FM 425260-1-58-02 & 423810-1-58-01)
- Seaboard Train Beautification Project and Trolley Shelters (FTA/HUD Funded)
- Clematis Street Improvements; LAP Project FM # 427652-1-58-01
- 24th and 25th Street, Streetscape Milling and Resurfacing

#### Florida Department Environmental Protection (FDEP LAP)

- Knights Key Pedestrian Underpass
- Old Spanish Harbor Bridge
- Florida Keys Overseas Heritage Trail; Windley Key

#### Seminole Tribe of Florida (Federally Funded)

- Brighton Harney Pond Project Seminole Tribe of Florida – Brighton Reservation

#### City of Fort Pierce (LAP)

- Jetty Park Jetty Inlet Park Improvements FM 425968-1-58-01

#### City of Miami Gardens (LAP)

- Florida Rolling Oaks Park Walking Trail Project; FM 420914-2

## IV. ADDRESS IN DETAIL THE FIRM'S AREAS OF EXPERTISE AS IT RELATES TO THE SCOPE OF WORK ADDRESSED IN THIS RFP

### Familiarity with LAP Projects

*Key Lap Project CEI and Contractual Specific Issues* - Below are some Key issues our team has identified as potential issues on LAP projects. The fact that our team currently serves the Department on similar LAP projects ensures our familiarity with issues and therefore we have a proven strategy/management plan to address them:

Since the contracts normally have Local, State and Federal “boiler plate” provisions, these provisions sometimes conflict. For example, for an ON-System project, the FDOT specs should govern if more stringent than the Federal Provisions; or for an OFF-System project, the LA provision should govern if the issue does not affect reimbursement.

**Solution:** A hierarchy needs to be included to ensure that our firm, your Local Agency CEI follows the most appropriate provision.

- » Also related to conflicts between “boiler plate” provisions, the bid package is submitted to the FDOT LAP office for review and approval prior to bidding. However, the conflicts may not be obvious. This is particularly an issue on OFF-System Critical Projects.

**Solution:** To avoid any conflict, the bid packages should be reviewed by Construction Specification personnel. Since these personnel have strong technical skills, they may be able to notice conflicts and get them resolved prior to the LA issuing the Bid Package to the Contractor.

- » AE Engineering’s knowledge of the Specs, CPAM, Materials Manual, STRG, MAC, LAPIT, LAP Manual and expertise in CEI LAP implementation and the expectations of the FDOT Oversight team will assure that our team exceeds the City’s expectations and established goals.

Some of the key CEI and administrative duties required on these LAP projects are:

**Initial Construction Services Meeting** - Prior to the Pre-Construction meeting, we will proposed an Initial Construction Services Meeting with the City Project Manager. The CEI inspection requirements for full reimbursement will be discussed and any questions or concerns will be addressed. Expectations will be discussed regarding the use of LAPIT, Documentation, Material Certification and testing control.

**Pre-Construction Meeting** - Schedule, attend and manage the Pre-Construction Meeting – key points of discussion will include the Federal requirements such as the EEO/DBE Compliance items, the Change Order review process, material approval and exception process, construction project auditing and other items directly related to reimbursement.

**Weekly Progress Inspections and Photos** - The CEI staff will perform daily progress inspections and prepare a weekly progress inspections and progress photos report that will be emailed to City’s Project Manager, our team also uploads this document to LAPIT to ensure the Oversight is aware of project progress.

**Monthly Project Inspection Reports** - The CEI staff will create Monthly Inspection Reports using the information obtained during the weekly progress inspections. These will also be emailed to the City’s Project Managers and will be uploaded to LAPIT.

**Environmental Support** - Team members are prepared to ensure that the Contractor complies with the environmental concerns appropriately, including National Pollutant Discharge Elimination System (NPDES), Emergency response, OSHA HAZMAT, and Environmental permitting requirements.

**Final Inspection** - The CEI will perform the Final Inspection of the project in conjunction with the City’s Project Manager. Since the projects are ON-System, we will ensure that the appropriate FDOT and Oversight CEI team are invited to the final inspection.

**Final Closeout Package** - Review and Complete the Project Closeout File to ensure that all required documents have been provided and work with the CEI Oversight to obtain any missing documentation in order to ensure a full submittal within a timely manner.

**The Project Closeout file includes:**

- The Record of Final Plans and Documentation (including Time Documents, Change Order Summary, LD Analysis, Overrun/Underrun Spreadsheets and Verification of As-Builts)
- Final Invoice including documentation that DBEs and Subs have been paid, Certification of Disbursements. Lien Releases)
- Final Inspection and Acceptance for Federal Aid Project, Material Certification letter including exceptions
- All Construction Audits, Responses to Audits and Closeouts of Audits
- Material Certification Ensure that the Agency provides a Material Certification Letter itemizing any exceptions.
- Asphalt - Roadway and Plant Inspection Coordination

We have in-house experts, with relevant successful experiences identified for this role. Some of the asphalt inspector’s critical responsibilities to comply with FDOT requirements will include:

**Roadway Asphalt Inspection/Deliverables**

- Ensure Pre-paving meeting occurs and unique project issues are discussed/resolved prior to first day paving
- Review/accept Asphalt CQC plan – verification of QC and VT inspection staff credentials
- Review approved mix designs and spot check reports to ensure we have proper mixes
- Conduct random spread rate checks and temperature checks on QC/VT inspection staff
- Ensure that prime or tack coats are applied in accordance with specs and spread rates
- Perform spot checks of the mat and verify rolling patterns
- Review all asphalt reports and verify that reports are completed during placement operations
- Ensure non-density and density areas are shown correctly on reports

**Construction:** During construction we will provide exemplary CEI Services to ensure the project is constructed in substantial compliance with the contract documents.

**TECHNICAL SERVICES:**

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>» Daily Inspections</li> <li>» Project Compliance</li> <li>» Contract/Procedures</li> <li>» Specifications/Standards</li> <li>» Plans/RFI/Shop Drawings</li> <li>» Material Requirements</li> <li>» Monitor Maintenance of Traffic</li> </ul> | <ul style="list-style-type: none"> <li>» Quality Control Plan (Earthwork/Asphalt/Concrete)</li> <li>» Pre-Activity Meetings</li> <li>» Review QC Sampling and Testing</li> <li>» Perform Verification Sampling/Testing</li> <li>» Verify Producer Certifications</li> </ul> | <ul style="list-style-type: none"> <li>» Ensure adequate ADA Compliant Pedestrian Access is provided</li> <li>» Ensure Driveway Access is maintained</li> <li>» Verify Environmental Permit Compliance</li> </ul> |
|--|---|---|

## CONTRACT ADMINISTRATION SERVICES:

- » Schedule Review
- » Communication/Coordination with Project Stakeholders
- » FDOT (Construction, Public Information and Maintenance)
- » NFWFMD (Permit Compliance)
- » Request for Information/Shop Drawing Process
- » Permit Coordination/Close Out Documentation
- » Review of Final Record Plans
- » Local Police/Emergency (MOT/Lane Closures/Potential Impacts)
- » Residents/Businesses (Project Schedule/Access/Potential Impacts)

AE Engineering Inc.'s inspection staff all have mobile offices in each vehicle equipped with a smartphone, computer/tablet, copier, scanner, printer, and internet access, allowing them to be fully functional at all times. From initiation to completion, clear lines of communication will be established in the field and staff responsible for reporting to the Project Manager, other technological means of communication to respond to conditions encountered in the field, which deviate from the contract in a prompt and adequate manner are essential; we utilize GoToMeeting or Zoom to allow shared access and communication.

## EEO COMPLIANCE

We understand that our primary objective will be to serve as an extension of the City staff by providing professional contract support, managerial coordination and qualified and committed inspection staff in compliance with the applicable Local Agency Program requirements.

**Anticipated Federal Highway Administration Contract Tasks:** Our CEI team has engaged in several FDOT federally funded FDOT projects and Local Agency Project (LAP) CEI services with extensive FHWA and FDOT oversight. AE is tasked with ensuring compliance with all construction, EEO (FHWA1273) and payroll requirements. Our key personnel bring FDOT CEI project management experience and fully understand the FDOT Standards and Specification requirements for Maintenance of Traffic, LAP Big Four: Concrete, Earthwork, Landscaping and Asphalt operations.

**Federal EEO Compliance:** We focus on the work in the field but also understand the importance of EEO compliance and reporting for this Federal funded project. We are currently managing multiple Federal funded projects throughout South Florida and offer a proven Resident Compliance Specialist to ensure compliance with all contractual requirements of FHWA 1273.

**EEO/DBE Affirmative Action Compliance:** The Resident Compliance Specialist (RCS) for this project will be Erica Valencia. Ms. Valencia's responsibilities will include but not limited to: surveillance of the Contractor's compliance with Contract requirements and will be responsible for reviewing, monitoring, evaluating and acting upon documentation required for the Contract Compliance, and maintaining the appropriate files thereof. Typical areas of compliance responsibility include Equal Employment Opportunity (EEO) affirmative action for the Contractors, DBE affirmative action; Contractor on the Job Training (OJT), payroll wage rates (Davis-Bacon), and subcontracts. The RCS will keep all related documentation and correspondence accurate and up to date; attend all compliance reviews and furnish the completed compliance reviews as required for each project.

## KEY EEO/DBE/PAYROLL FUNCTIONS

**EEO:** Compliance Workbook Guidelines, Verify Monthly submittal of Prime Certification of Compliance form, Keep records file and organized for each project and conduct monthly jobsite Labor interviews, compare each against current payroll, issuance of notice letter as needed for compliance, Monthly Bulletin Board Inspection, Ensure contractor July Reporting is completed.

**DBE:** Florida has a current goal of 10.65% DBE participation. Contractors are urged to utilize DBE's whenever possible. We will ensure the contractor entered into the EQUAL OPPORTUNITY COMPLIANCE SYSTEM, their anticipated DBE goals. We will verify, review and approve DBE status, payments, and upload the complete CUF interviews through the EOC System.

**FHWA1273:** upon commencement of the project we review all subcontractor agreements to ensure the acknowledgement and inclusion in its entirety of the FHWA1273. The prime contractor shall be responsible for ensuring that Federal Highway Administration 1273 (FHWA 1273 – Revised May 1, 2012) Required Contract Provisions for Federal Aid Construction is inserted, in its entirety, in all contractor agreements including each subcontract and any lower tier subcontract (excluding purchase orders and other agreements for supplies or services) that may in turn be made. The Required Contract Provisions shall not be incorporated by reference in any case.

**Payrolls:** Verification of existing workers on each payroll, Identify when additional classification will be needed, ensure that all employee required information is listed on the payroll (Name, race, gender, four number identifier, can be the last four of the social, classifications, hours, pay rate).

**Wage Decision:** All submitted wage classifications should be in accordance with the applicable Federal Wage Decision for this project; this will be identified before the pre-construction meeting to ensure the correct wage is being used; the wage table is reviewed to ensure. All needed classifications are listed, and reviewed with the contractor. We urge the contractor to request Additional Wage Classifications – If they feel the current table does not meet their labor force requirements.

**Non-Compliance Issues:** There is times the contractor or its sub is not in compliance, we give many opportunities to correct the non-compliance issues. We take the approach of coaching the contractor vs. policing the contractor. However, if the contractor still doesn't correct the issue below is the action that are taken:

**Sanctions for Non-Compliance:** Two sanctions are concurrently applied when a performance deficiency exists:

**Deficiency Communications:** Written communication shall be issued to the prime contractor for the prime and/or subcontractor's non-compliance in any element of the program, including Disadvantaged Business Enterprise (DBE), Equal Employment Opportunity/Affirmative Action (EEO/AA), Wage Rates and Certified Payrolls.

**Withholding of Payment:** If necessary payment will be withheld until all non-compliance items are corrected.

**Payroll Violations** - Payroll violations will be issued to the Prime Contractor using FDOT Form No. 700-010-59 Notification to Contractor and Federal Highway Administration (FHWA) of Non-Compliance with the Work Hours Act of 1962 And Other Related Acts, Regulations and Contract Terms between the State of Florida Department of Transportation and Contractor. The Contractor will have 20 days to submit a supplemental payroll.

**E-Verify:** Also, as part of the contractor's contract with City we will ensure that the contractor is using E-verify for their workforce on this project.

## V. APPROXIMATE NUMBER OF STAFF ASSIGNED THAT WILL BE AVAILABLE TO THE PROJECTS AS REQUESTED

Listed below is the staff members that have been identified with the commensurate knowledge skills and abilities to perform on the Lower Keys Scenic Highway Viewing Area project, we have included staff from our sub-consultant partners as well.

AE Engineering, Inc. has identified ample resources to ensure both projects are managed appropriately. Our staff also has also worked together previously to ensure there is no learning curve; our team is ready to perform from Day one for Hallandale Beach on this and any future assignment.

AE Engineering, Inc.			
Name	Years Experience	Available %	Responsibility
Ricardo Baraybar, P.E.	12	25%	Sr. Project Engineer / AE Project Manager
Andres Atehortua	17	100%	Project Administrator
Christina Yero, P.E.	8	100%	Contract Support Specialist and APA
Erica Valencia	12	50%	Resident Compliance Specialist
Keith Perry	8	100%	Inspector
Torrance Thomas	8	100%	Inspector
Chris Morris	23	100%	Senior Inspector
Alex Badder	12	100%	Senior Inspector

## VI. UNIQUE QUALIFICATIONS

We at AE Engineering prides ourselves on our customer service approach, this includes upfront and proactive Owner, public and third party stakeholder coordination. Our focus is not simply relegated to the day-to-day construction management services but also the administrative task such as the LAP or FEMA Grant documentation, reporting and invoice requirements applicable many projects in the current construction marketplace. Our firm employs specialized Grant/Invoices services personnel and have been fortunate enough to work directly within the local FDOT LAP offices and have **coordinated directly with Local Agencies in both District 4, 5 and 6 to ensure Construction, EEO and Grant reporting compliance** as an Owner's representative. This experience alone for key team members sets our team apart in terms of compliance in the South Florida CEI Market! Our team of professionals approach each contract with a holistic approach to place equal importance on both the Construction and Administration portions of each of our contracts.

We uniquely understand the impacts that construction has on the local communities and we also understand the challenges your agency faced to obtain the grant funding to make these much needed improvements possible, we will endeavor to protect the City and Public's well begin in all aspects of the project during our Construction Engineering and Inspection Efforts.

## VII. OTHER MATTERS THAT THE PROPOSING FIRM FEELS WOULD ASSIST THE CITY TO DETERMINE THE EXPERIENCE AND QUALIFICATIONS

### FAMILIARITY WITH VARIOUS FUNDING MECHANISM

Our staff is very knowledgeable in working with various forms of funding mechanisms that may be utilized on County projects, to include but not limited to: Small County Outreach Program (SCOP), County Incentive Grant Program (CIGP), various Joint Participation Agreement (JPA) and projects that are funded with multiple grant sources and Local Agency Program (LAP)/federally funded projects simultaneously. AE has worked for many years in various roles pursuing, managing and closing out several City and County grant programs for infrastructure and roadway construction projects. AE brings unique and extensive expertise specifically with managing the reimbursement invoice process on behalf of the local agencies. AE's hands on approach and specialized experience provides a service that is invaluable to the local agency and its personnel. From project inception, we work with your agency to develop a funds management plan and will flawlessly prepare and submit the monthly invoice package with all grant/specific funds requirements and backup documents on behalf of the agency. This is meant to ease the overall invoicing process and reimbursement process for state/federal reimbursement, when these funds are involved.

AE expertise includes in-house LAP Management services provided to the Florida Department of Transportation for District 4 and 5 – during these assignment we worked directly with the Special Projects group, specifically focused on Local Agency Program (LAP) and Stimulus projects. During these assignments our team developed programs/processes that included numerous funding mechanism and requirements as part of the Federal awards – our team assisted with the development and tracking of expenditures in this role, to include extensive project invoice reviews and processing, daily local agency support and correspondence, creating LAPIT software tutorials, and oversight/review of vital contract documents.

**Grants & Funding Agencies:** We are aware that the City utilizes grants and external funds such as the above noted as a means to implement some projects. We are therefore committed to working with the City on ongoing grant coordination and development as needed. We are available to support the City in the preparation of grant applications related to fund various infrastructure improvements. We can also support the City with ongoing grant research, the selection of most feasible grant options, Grant overview, Grant development, Grant Preparation, Grant editing; Coordinate interdepartmental information gathering and various other tasks integral and required for the successful retrieval of grants and financial assistance.

The financing mechanisms most often used for these type of projects potentially include utilizing community reserve fund that has been accumulated with existing user fees or taxes, selling bonds (revenue or general obligation) or typically a combination of the three previous options. Once the local government has defined and prioritized needs, and identified funding strategies, all the elements are present to adopt and submit an informative package for grant review.

**Assistance with Alternate Funding:** AE understands that costs for needed improvements may sometimes be more than the available funds. We are therefore committed to working with the City on ongoing grant coordination and development that the City requires. We are available to support the City in the preparation of grant applications on behalf of the City related to fund various infrastructure improvements. We can also support the City with ongoing grant research, the selection of most feasible grant options, Grant overview, Grant development, Grant Preparation, Grant editing; Coordinate interdepartmental information gathering and various other tasks integral and required for the successful retrieval of grants and financial assistance.

Once the contract is awarded, the project team will immediately coordinate a kickoff meeting with the City to outline our processes and reimbursement requirements of the Grant program to ensure the financial success of the contract. We will also emphasize and notate the critical deadlines for grant expiration, renewal and final invoice/reimbursement request for the City's Project Manager's consideration.

## AWARDS AND RECOGNITION

**Awards – Commendations:** AE Engineering has continually been nominated for FDOT/FTBA awards on all projects completed over the last 4 years in North Florida. Our proposed staff has been intimately involved with these successful projects.

**We have won the following:** AE Engineering Inc. received the **2017 FTBA - Best in Construction Community Awareness Award** for the SR A1A / Ft. Lauderdale Beach from Mercedes River to Sunrise Blvd. project. 330 days, construction cost \$7,917,928.10

AE Engineering, Inc. won the **2013 FTBA award for best interstate project** on the FM# 425995.1.62.01, I-95/SR-9 @ I-595/SR-862 Bridge Deck Overlay Project, 180 days, construction cost \$ 3,187,000.00

**CEI expertise to this project.** Additionally: Mr. Roderick Myrick P.E., President for AE Engineering, Inc., has worked as the Sr. Project Engineer, on several other LAP Projects for the City of Miami Gardens, City of Fort Pierce, City of North Miami Beach, and the Florida Department of Environmental Protection. All these projects consisted of contract administration, inspection, and material sampling and testing, landscaping, elements and enhancements, irrigation and lighting. Also, ensured contractors were in compliance with FDOT EEO/AA, DBE Programs, and adherence to the Davis Bacon Wages specific to the projects. All these projects were funded through the Local Agencies using Federal, FDOT, FTA, and City funds. These projects were completed on time and within budget.

## SPECIFY WHAT UNIQUE CIRCUMSTANCES SETS THE FIRM APART FROM OTHERS WHO PERFORM THE SAME OR SIMILAR SERVICES.

Our team takes the impacts that construction applies on each street and for each resident extremely serious. We work to mitigate resident stresses by providing known timeframes and impacts ahead of the work operations; we work closely with the Contractor to eliminate unforeseen destruction to their property, minimize noise and construction debris and ultimately the overall fear that their voice may matter – we are solutions oriented and will enforce compliance at all levels. AE Engineering is unique because our firm not only acts on all Owner/resident complaints, but we go provide the additional boots on the ground effort to go door to door. We utilize the Contractors’ CPM schedule to forecast operations and proactively meet with residents to provide the specifics relating to their street construction; this includes when and what, how we will impact their access, their driveway apron and overall their household. We work closely with the City and Contractor to implement effective mitigation efforts to reduce these construction impacts.

Our unique customer service efforts does not go unnoticed. In 2017, AE Engineering was awarded the **FTBA Public Awareness Award** for the SR A1A Washout project in the City of Fort Lauderdale. This urban construction project is similar to the Hallandale Southwest Quadrant Drainage System project in that a multitude of businesses and residents were affected due to emergency drainage construction in the vociferous community along SR A1A and Sunrise Blvd in the City of Fort Lauderdale. AE Engineering utilized our award winning formula to curtail resident complaints and largely avoided them prior to occurrence. We bring this experience to all our projects, but most importantly, several of the key members involved in the SR A1A Washout project have also been proposed to be a part of this complex drainage improvement.

For your consideration, **AE Engineering also brings recent and ongoing professional relationships with both the Engineer of Record Calvin Giordano and Associates and the selected Prime Contractor Lanzo Construction.** We have demonstrated on multiple projects an ability to work closely with the EOR and Contractor to solve construction related issues at the lowest level. Our approach involves proactive identification and tracking of weekly hot topics and their resolution. The team engages in a solution based approach incorporating innovative strategies to eliminate time and money impacts for each of our clients. We look forward to working directly with the City of Hallandale to bring these innovative and proven methods to the FEMA Grant SW Drainage Improvements project and ensuring the success of both the construction and administrative project elements.

## PROVIDE RESUMES OF KEY MANAGEMENT PERSONNEL AND SUPPORT STAFF, INCLUDING EDUCATION, EXPERIENCE, AND ANY OTHER PERTINENT INFORMATION FOR EACH MEMBER TO BE ASSIGNED TO THIS PROJECT

Listed below is the staff members that have been identified with the commensurate knowledge skills and abilities to perform on the Lower Keys Scenic Highway Viewing Area project, we have included staff from our sub-consultant partners as well. AE Engineering, Inc. has identified ample resources to ensure both projects are managed appropriately. Our staff also has also worked together previously to ensure there is no learning curve; our team is ready to perform from Day one for Hallandale Beach on this and any future assignment.

## KEY PERSONNEL

**Ricardo Baraybar, P.E.** will be the AE Engineering Project Manager/CEI Sr. Project Engineer. Mr. Baraybar has over twelve (12) years of experience as a Major Bridge Contractor and Construction Engineering and Inspection Services. His core duties will include construction management, technical engineering assistance, CPM schedule review, quality assurance and financial project management for each of his contracts. Mr. Baraybar has assembled a team that can manage this project and minimize the City's Project Managers' concerns. Ricardo's prior contracting experience allows him to question contractor's means and methods and provide guidance on how best to pursue the work. Ricardo's management philosophy is to resolve issues timely and at the lowest levels possible; team members have been selected to achieve this goal. Mr. Baraybar is currently teamed with Mr. Davis on both Florida Keys Overseas Heritage Trail projects; Mr. Baraybar remains involved in a part time capacity on these projects and the latter of which is scheduled to be complete in June 2018. Ricardo will bring this experience and will be supported by an extremely experienced and familiar team.

**Andres Atehortua** will be the Project Administrator, he has over 17 years of construction management experience in all aspects of major construction operations including railroad, roadway, shared use path, LAP, earthwork, storm drainage, utility installations, lighting and bridge construction. Andres is adept at successfully balancing contract administration duties with the management of the day-to-day field construction activities. Andres is a hands-on leader, doing whatever it takes to get the job done. This is exemplified by his willingness to serve many roles in serving the client's needs.

**Christina Yero, P.E.** will be the CEI Contract Support Specialist and brings extensive LAP expertise. She has over eight (8) years of experience as both a consultant and FDOT representative. She will be responsible for the up keep of contract records, prepared change orders and as-built drawings, EEO compliance, process contractor's payments. Review and sign off on inspector's daily reports so that contractor is credited with applicable and accurate pay quantities. Christina provides invaluable LAP expertise in that she also works with the FDOT District 4 LAP compliance office to approve agency budgets and reimbursements. This knowledge from the opposite spectrum allows her to provide audit ready records.

**Chris Morris** is proposed as one of our team's Senior Inspector. Chris possesses 23 plus years of experience on roadway construction projects from both a Contractor and CEI standpoint. This experience has reinforced his solid understanding of transportation and signalization specifications and standards. Chris is IMSA certified for signals and fiber, and works closely with the Contractor and our roadway inspectors to assure proper implementation of all materials. Chris outlines pertinent specifications and reviews common issues to avoid in conflicts with the construction operations. Chris also brings a strong knowledge of the design-build process for ITS improvement projects. As an added value, Chris is also experienced in standard roadway elements such as asphalt placement, drainage, and MOT, and Striping, and has assisted in the successful closeout of many projects. Chris is certified in IMSA L1&L2 and Fiber Optics.

**Alex Badder** is proposed as another of our team's Senior Inspector. Alex possesses 12 plus years of experience on a variety of roadway, bridge, and lighting construction projects. Alex is a very strong Senior Inspector with excellent communication and leadership skills. Alex works closely with the Contractor to identify critical risk matters for the success of each of his projects. Alex brings design-build and conventional construction experience to the team.

**Torrance Thomas** is assigned as the CEI Inspector. He brings over 8 years of experience in this role and has a strong knowledge of field documentation, asphalt paving, daily inspection reports, density log book, concrete flatwork, drainage and MOT. He possesses all the certifications required of the Senior Inspector. Torrance was an important member of the CEI staff that received the FTBA 2017 Public Awareness Award for the SR A1A resurfacing project in Fort Lauderdale. Torrance, Andres and Christina have previously worked together and performed excellent as a team. Torrance resides within 7 minutes of the project and is 100% available for this assignment.

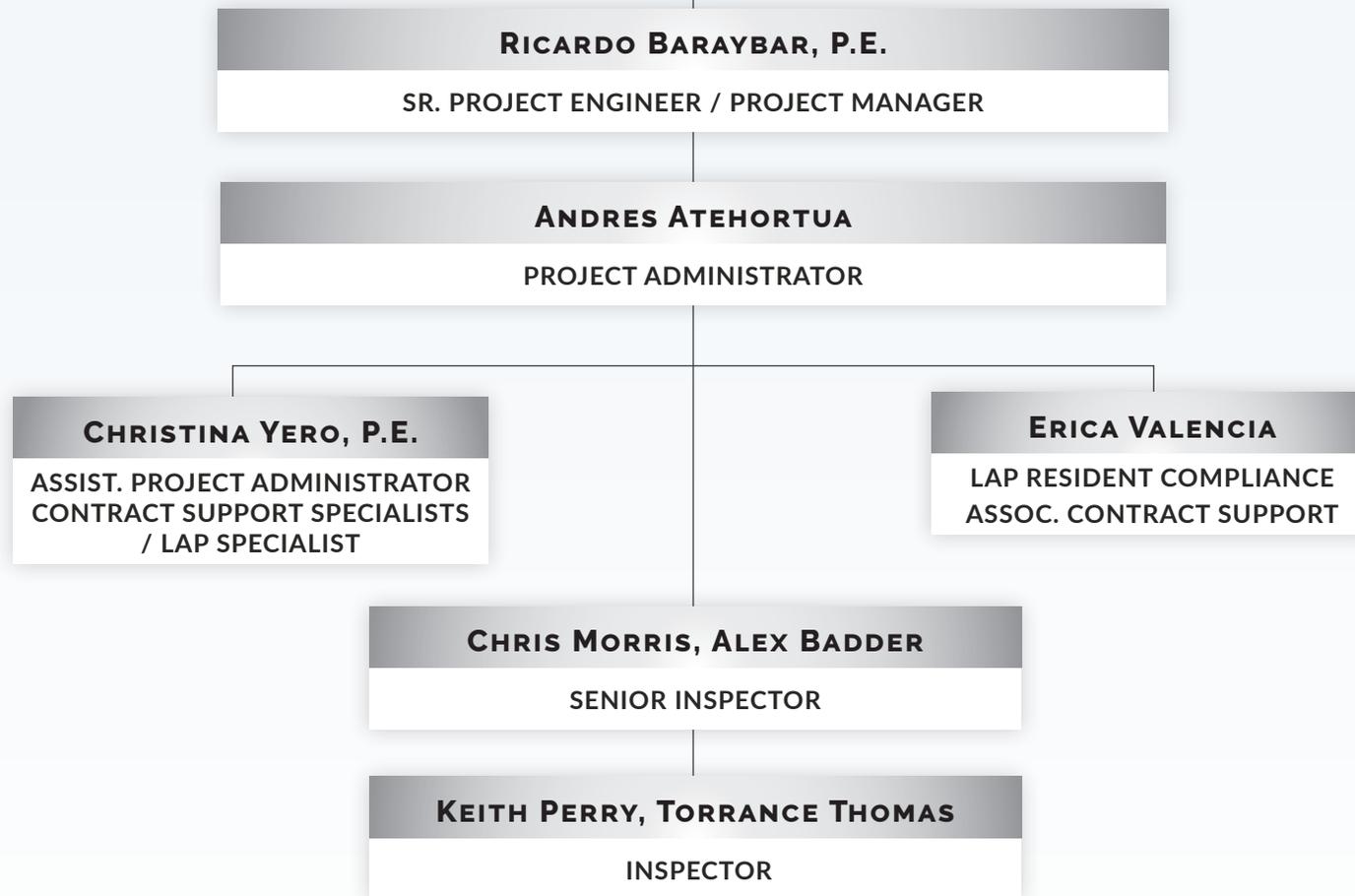
**Keith Perry** is assigned as the CEI Inspector. He brings over eight (8) years of diverse road & bridge, commercial and vertical construction experience to the project. His field surveying and construction layout experience will aid the project survey needs. His duties will include, performing quality assurance inspection for asphalt and concrete, complete inspector's daily reports in a timely manner, monitoring traffic control plans and operations. Environmental compliance is critical on this project due to the Florida Keys National Marine Sanctuary Regulations and scope of the project. He will be monitoring and ensuring the contractor has a complete understanding of project constraints. Additionally, they will ensure the contractor adheres to FDOT and County standards and specifications.

**Erica Valencia** will serve as the Resident Compliance Specialist / Clerical. Ms. Valencia brings over 13 years of CEI and RCS Compliance expertise to this project. She has an extensive understanding of procedures as she worked directly with the FDOT D-6 LAP office for three (3) years and her main area of expertise included ensuring each agency provided proper reimbursement packages. She will work closely with the contractor to review the Equal Opportunity Compliance (EOC) Program to verify and ensure the Prime and Subcontractors information, as well as the DBE commitments, and payment information has been entered

into the system. Erica also ensures that the contractor understands its contractual requirements, such as FDOT LAP Specifications and their correlation to Equal Employment Opportunity (EEO), Affirmative Action (AA), Disadvantaged Business Enterprise (DBE), and On-the Job Training (OJT) when applicable. Lastly, she will ensure compliance with the applicable federal wage rate provisions for all the project construction personnel, and the schedule and approved positions for the trainees.

We have experienced that individual municipalities have preferential testing and survey firms with existing relationships or even continuing services contracts. In order to preserve that continuation, AE Engineering will partner with any requested sub consultant or provide reference for our preferred firms. We have partnered with multiple South Florida consultants to provide distinct additional services such as: Specialty Material Field and Lab Verification Testing (beyond AE Engineering inspector's capabilities), Field Survey Verification, Specialty hydraulic and mechanical component testing for the sump pump and gate house, Public outreach coordination (PIO), 3rd- party Professional Engineering independent reviews, Etc.. These additional services and offerings will be further discussed during contract negotiations to allow the City's Project Manager the ability to choose the services required for the Southwest Drainage project.

**Please see ORGANIZATION CHART and RESUMES of Key Management Personnel on the following pages.**





**RICARDO BARAYBAR, P.E. / SR. PROJECT ENGINEER**

**YEARS OF EXPERIENCE:** 12

**EDUCATION:** B.S. Civil Engineering, University of Florida, 2009

**REGISTRATION/CERTIFICATION:** Florida Professional Engineer License No.: 77077, Florida E.I.T. **TIN B616721853**; ATTSA-**Advance MOT**, SFWMD Storm Water Inspector, SSPC Bridge Coatings Level 1, NPDES Storm Water, FDOT Critical Structures Certified, **CTQP QC Manager**, Earthwork L1 & L2, Drilled Shaft, Final Estimates L1 & L2.

**PROJECT EXPERIENCE:**

**EAST CAMINO REAL/ BOCA CLUB BASCULE BRIDGE REHABILITATION, BOCA RATON, FLORIDA - \$8.9 Million**

**Reference:** Sandra Ospina, P.E. – Palm Beach County Project Engineer, (561) 478-5795

Sr. Project Engineer for this Palm Beach County bascule rehabilitation project. Scope includes new auger cast foundation piles, machinery rehabilitation, a full electrical replacement, span lock replacement, control house replacement, roadway grating replacement, major structural steel replacement, new concrete footings, columns, and precast prestressed spans. New architectural pedestrian railing and a unique light weight traffic railing system. In addition, it includes full lead abatement & painting of the bridge structural steel and concrete, fender system repairs, and minor roadway work.

**Project Started** APRIL 2018

**Project Completed** On Going

**SR 91- RESURFACE TURNPIKE MAINLINE MP 94.5 - 102.5 & MP 103.7 – 106.1, WEST PALM BEACH, FLORIDA- \$16.8 Million**

**Reference:** Jaime Gomez, FDOT Project Manager, (305) 853-3571

Sr. Project Engineer - The scope of this FDOT Turnpike project includes milling and resurfacing an 11 mile stretch of the 4-lane Florida Turnpike. In addition, the scope includes the milling and resurfacing of 3 major FL Turnpike entrance / exit ramps along the corridor. The project also includes roadway safety improvements including new attenuators, guardrail and signage.

**Project Started:** SEPT 2017

**Project Completed:** On Going

**SR 5/OVRSEAS HRT.TRL AT SPANISH HARBOR HISTORIC BRIDGE (MM 33), BIG PINE KEY, FLORIDA - \$3.4 Million**

**Reference:** James Post, FDEP Project Manager, (305) 853-3571

Sr. Project Engineer- This FDOT / FDEP LAP project includes replacement of missing bridge span sections via proprietary pre-fabricated truss and precast concrete beams, existing deck milling and resurfacing, joint/crack cleaning and resealing, aluminum safety railing, navigational lighting, striping and signage. The bridge lies on the Bay side of US 1. The repair will promote use as a multi-use bicycle, pedestrian, and angler observation walk.

**Project Started:** SEPT 2016

**Project Completed:** On Going

**SR 5/OVRSEAS HRT.TRL AT MM 47 (KNIGHTS KEY) PEDESTRIAN UNDERPASS/ADA, MARATHON, FLORIDA- \$1.3 Million**

**Reference:** James Post, FDEP Project Manager, (305) 853-3571

Sr. Project Engineer - The scope of this FDOT / FDEP LAP project is to construct new ADA ramps, retaining walls, bulkhead wall, sidewalks, railing, pedestrian bridge approach, miscellaneous landscaping, signage, and striping within DOT right-of-way.

**Project Started:** JULY 2016

**Project Completed** JAN 2018

**FLAGLER MEMORIAL BASCULE BRIDGE REPLACEMENT, WEST PALM BEACH, FLORIDA. - \$106.4 Million**

**Reference:** Sid Mailhes, P.E., FDOT Project Manager, (561) 531-1057

Project Engineer for this project that requires complete replacement of the existing Flagler Memorial Bridge with a new four-lane divided urban- section bascule bridge. The proposed bridge typical section includes 12-foot wide travel lanes, 8-foot wide shoulders, and a 15.5-foot median width. Traffic barrier-separated 8-foot sidewalks will be included along both sides of the new bridge with a pedestrian/bicycle railing on the outside of the sidewalks. Approach roadway modifications will be constructed on the east and west approach, and a new at-grade intersection will also be constructed at Flagler Drive and SR A1A.

**Project Started** NOV 2011

**Project Completed** AUG 2017

**HILLSBORO INLET BASCULE BRIDGE REHABILITATION, POMPANO BEACH, FLORIDA. – \$8.3 Million**

**Reference:** Yveins Jean-Pierre, FDOT Project Manager, (954) 940-7611

Project Engineer for this Rehabilitation Project with machinery rehabilitation, a full electrical replacement, span lock replacement, control house renovation, roadway grating replacement, structural steel and concrete sidewalk replacement, the addition of traffic and pedestrian railing, a full abatement & painting of the bridge structural steel and concrete, the addition of steel platforms and ladders, fender system repairs, scour repair and protection, minor roadway work.

**Project Started** JAN 2015

**Project Completed** APRIL 2016

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**CORN HYDROELECTRIC EMERGENCY SPILLWAY, TALLAHASSEE, FLORIDA. – \$7.7 Million**

**Reference:** Andy Hynes, PCL Project Manager – (813) 376-1192

Field Engineer for the construction of an 825 ft. long ogee-crest concrete spillway that will replace the current fuse plug and emergency spillways. Prior to construction of the spillway, approximately 2,050 linear feet of sheet pile was driven along the perimeter of the proposed limit of the spillway. The proposed auxiliary spillway would pass a flow of 69,900 cubic feet per second (cfs) when the reservoir level is at its maximum stage of 77 feet.

**Project Started** APRIL 2011

**Project Completed** NOV 2011

**CM@RISK US1 (SR 5) PARKER BASCULE BRIDGE, NORTH PALM BEACH, FLORIDA – \$15.3 Million**

**Reference:** Sid Mailhes, P.E., FDOT Project Manager, (561) 531-1057

Field Engineer for the \$15.3M rehabilitation of SR-5 (Parker) Bascule Bridge over the Intracoastal Waterway. Project requirements included structural steel rehabilitation, sidewalk widening, control house additions, machinery modifications, pedestrian walkway, concrete railing, and bridge painting.

**Project Started** JAN 2010

**Project Completed** APRIL 2011

**CM@RISK SR 814 ATLANTIC BLVD BASCULE BRIDGE, POMPANO BEACH, FLORIDA - \$4.7 Million**

**Reference:** Sid Mailhes, P.E., FDOT Project Manager, (561) 531-1057

Field Engineer for the \$4.7M Rehabilitation of SR-814 (Atlantic Blvd.) Bascule Bridge over the Intracoastal Waterway. Project requirements include sidewalk widening, control house additions, machinery reconditioning, bridge painting and structural steel rehabilitation.

**Project Started** OCT 2009

**Project Completed** MAY 2010

**I-275 SKYWAY BRIDGE CORRIDOR REHABILITATION, ST. PETERSBURG, FLORIDA- \$ 1.8 Million**

**Reference:** Caleb Linn, P.E., PCL Project Manager, (802) 251- 0709

Field Engineer for the rehabilitation of three bridges along the Skyway Bridge corridor in sections of Pinellas, Hillsborough and Manatee Counties, Florida. The scope of work on this project included replacement of deck expansion joints, grouting of pier caps and repositioning of bearing pads by bridge jacking.

**Project Started** MAY 2009

**Project Completed** OCT 2009

**SR-826 / SUNNY ISLES BOULEVARD BASCULE BRIDGE OVER ICWW, MIAMI, FLORIDA. - \$ 1.1 Million**

**Reference:** Caleb Linn, P.E., PCL Project Manager, (802) 251- 0709

Field Engineer on this project that entailed improvements and repairs to the control house and fender system. The control house modifications included the addition of new concrete columns, along with concrete bracing and struts, to the existing control house. Minor electrical and cosmetic improvements were made. These included, but were not limited to, the replacement of existing windows, the addition of a CCTV camera and weather station, and exterior paint. Three damaged fender concrete piles were replaced along with a portion of railing and catwalk.

**Project Started:** MAY 2008

**Project Completed:** JULY 2009

**SR10A MATHEWS BRIDGE REHABILITATION, JACKSONVILLE, FLORIDA. \$14.4 Million**

**Reference:** Ryan Hamrick, P.E., PCL Project Manager, (813) 781 -1930

Field Engineer on this \$14.4M project that consisted of demolishing 42,000 sf of roadway grating, (288)-W24x76 stringers, steel curb, guardrail and concrete median barrier wall. Once the demolition was complete, the installation of new material consisted of (240)-W21x44 stringers, 42,000 sf of grating, approximately 750 cy of concrete placement, steel curb, guardrail and steel median barrier. The electrical conduit and wiring was replaced throughout the project. New paint was applied to all the floor beams capacity. The 9-month schedule entailed a 90-day directional closure to complete the deck replacement and painting activities.

**Project Started:** NOV 2006

**Project Completed** JANUARY 2008



Civil Engineering • CEI • Construction Management

**Andres Atehortua / Project Administrator**

**YEARS OF EXPERIENCE:** 17

**EDUCATION:** BSME, 1999 –Pontifical Bolivarian University, Medellin, Colombia

**LICENSES:** General Contractor License # 1523157

**CERTIFICATION: 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 & 2 (CTQP) Asphalt Paving Certification Level 1 & 2 (CTQP), Nuclear Density Gauge Operator, SSI Open Water Diver; Drilled Shaft Inspector; Pile Driving Inspector; Final Estimates Level 1, & 2; SSPC Bridge Coatings Inspector Program (BCI), ACI Field Testing Inspector Level 1, ACI Concrete Transportation Construction Inspector Certification Level 1 & 2, IMSA Traffic Signal Level 1; Certification for Bonded PT Field Installation (PTI) and QC Manager

**PROJECT EXPERIENCE:**

**Camino Real Bascule Bridge Rehabilitation – Palm Beach County Contract 2003501**

**Reference:** John Kopelakis PBC Construction Coordinator, 561-329-1539 / Sandra Ospina PE PBC Project Manager, 561-478-5795  
Project Administrator- The Improvements under this contract consist of bridge rehabilitation along the Camino Real/Boca Club Bridge Over the Intercoastal Waterway including new bridge foundations, new substructures, deck replacement, new machinery and controls for the bridge, new sidewalk, traffic railings, tender house relocation, pedestrian railing construction, road approaches reconstruction and fender system upgrades. The project contract amount is \$ 8.9 million and the contract time is Four Hundred and Eighty-Five (485) calendar days.

**Project Started:** 11/2017

**Project Completed:** On going

**SR 91 Florida Turnpike Bdg 870701/870702 Improvements FM No. 435406-1-52-01 / 415462-9-52-01 / 4410672-52-01**

**Reference:** Roxanne Riggs PE, FTE Project Manager, 954-774-0696

Project Administrator- Complete restoration of paint system for existing bridges 870701 and 870702 utilizing major temporary platform and containment installation while maintaining traffic along Mainline and Interchange ramps. Restoration included widening of departure road for bridge 870701 that included new drainage, road bed reconstruction, Milling and resurfacing, guardrail installation and pavement markings.

**Project Started:** 12/2016

**Project Completed:** 11/2017

**SR 5/Overseas Hrt.Trl at Spanish Harbor Historic Bridge (MM 33) FM No. 422628-1-58-01**

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Project Administrator- The project includes replacement of missing bridge span sections via proprietary pre-fabricated truss and precast concrete beams, existing deck milling and resurfacing, joint/crack cleaning and resealing, aluminum safety railing, navigational lighting, striping and signage. The bridge lies on the Bay side of US 1. The repair will promotes use as a multi-use bicycle, pedestrian, and angler observation walk.

**Project Started:** 9/2016

**Project Completed:** Anticipated 6/2018

**SR 5/Overseas Hrt.Trl at Mm 47 (Knights Key) Pedestrian Underpass/ADA – FDOT FM No. 428061-1-58-01 -**

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Project Administrator- The scope of this project is construct new ADA ramps, retaining walls, bulkhead wall, sidewalks, railing, pedestrian bridge approach, miscellaneous landscaping, signage, and striping within DOT right-of-way.

**Project Started:** 9/2016

**Project Completed:** 12/2017

**Kemp Channel Span Replacement; Project FM # 418396-1, FDEP- District 6 Project # FS050:**

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Project Administrator-The Florida Department of Environmental Protection, Kemp Channel Bridge Span Replacement & Improvements. This project provides for replacement of missing spans, navigational lighting, rail installation, milling & resurfacing, joint cleaning & resealing, and pavement striping.

**Project Started:** 05/2014

**Project Completed:** 04/2016

**Florida Keys Overseas Heritage Trail, Windley Key Trail Segment, Florida, FDEP- District 6**

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Project Administrator- 210 day, \$560,000 LAP Project, Duties performed were processing the Monthly Pay Estimates, processed the samples into LIMS for Material Certification, conducted Weekly Progress Meetings, and submitted the Final Estimates Package to FDOT. The project was Trail Improvements between MM 84.2 to MM 85.2. Worked included a path widening, subgrade and base placement, asphalt, drainage installation, swale and retention pond construction, patterned textured asphalt, colored asphalt treatment, signage, striping, and sod installation.

**Project Started:** 03/2014

**Project Completed:** 12/2014

**FDOT D-4 General Assigned Contract:** SR A1A Bridge No.860011 Over Hillsboro Inlet

**Reference:** Project Manager: Yveins Jean-Pierre, PE. *Construction Project Oversight III 954.940.7611*

**SRA1A Bridge No. 860011 Over Hillsboro Inlet (Bascule Bridge); Project FM # 425935-1-52-01/425935-1-52-02: FDOT D4**

**Project Administrator/Contract Support Specialist:** Improvements include bascule bridge 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.

**Project Started:** 01/2015

**Project Completed:** 03/2016

**City of Oakland Park; NE 34<sup>th</sup> Court Improvements between NE 2<sup>nd</sup> Avenue and 11<sup>th</sup> Avenue**

**Project –FPN 42965315801 Fed No: 8886109A**

**Reference:** John M. Perez, City Project Manager, 954.630.4479

**Project Administrator/Contract Support Specialist -** 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.

**Project Started:** 04/2014

**Project Completed:** 01/2015

**CEI Services for Brighton Reservation Harney Pond Road (Public Works Department – Transportation Division)**

**Reference:** Fabian Lefler, P.E., STOF Transportation General Manager; 954-894-1060, Ext 10902

**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.

**Project Start:** 02/2014

**Projected Completion:** 09/2014

**Districtwide Bridge Inspection - FDOT-D6**

**Reference:** FDOT Manny Fins (305) 470-5439

**Supervisor -** Leading the bridge inspection team in the structural inspection of both topside and underwater, including bridges (conventional, moveable, fracture critical and a variety of other structures). Reviewed bridge plans for ease of inspection and maintainability. Maintain filing and reporting all bridge projects to include design plans, bridge inspection reports and construction. Assisted in developing, implementing and coordinating the maintenance of traffic with the District Traffic Maintenance Engineer for bridge and railroad crossing inspection.

**Project Start:** 2006

**Projected Completion:** 2008



## Chris Morris / Senior Inspector

### YEARS OF EXPERIENCE: 22

**CERTIFICATION:** 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, Pile Driving (Scheduled)

### PROJECT EXPERIENCE:

#### **CEI Continuing Services Contract (C9P31, FIN: 43660015201; SR 66 from Hardee CL to W of US 27 - FDOT D1**

**Reference:** Susan Hindman, Sebring Operations Center, Phone: (863) 386-6112

Senior Inspector – Responsible for the improvements under this contract consist of milling and resurfacing, add right turn lanes, base work, shoulder treatment, drainage improvements, curb and gutters, guardrail, traffic monitoring installation, and highway signing and pavement markings on State Road 66 from the Hardee County Line, easterly approximately 9.076 miles, to west of State Road (US 27) in Highlands County.

**Project Started:** 06/2017

**Project Completed:** Current

#### **CEI Continuing Services Contract (C9P31, FIN: 431325-1-62-01) US 27 @ Highlands Ave. - FDOT D1**

**Reference:** Susan Hindman, Sebring Operations Center, Phone: (863) 386-6112

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.

**Project Started:** 01/2017

**Project Completed:** 03/2017

#### **I-95 3A-1 Express Lanes (E4Q32, FIN 433108-4-52-01) – FDOT D4**

**Reference:** Christian Rojas, P.E., FDOT District 4, Phone: (954) 931-6182

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, sound 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.

**Project Started:** 03/16

**Project Completed:** 01/2017

#### **SR 70 Widening and US 441 @ SR 70 Intersection Improvements - FDOT D1**

**Reference:** Susan Hindman, Sebring Operations Center, Phone: (863) 386-6112

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.

**Project Started:** 05/2014

**Project Completed:** 03/2016

#### **I75 Freeway Management System (FMS / ITS) (C9470, FIN 414730-1-62-01, 414732-1-62-01, and 414736-1-62-01) - FDOT D1**

**Reference:** James Nichols, Sarasota Ops Center, Phone: (941) 359-7333

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

**Project Started:** 04/2012

**Project Completed:** 04/2014

**District Wide CCEI Support A Contract, Push Button Projects (C9113, FIN 427399-2-52-01 & 427321-1-52-01) - FDOT D1**

**Reference:** Gerald Byrne, Ft Myers Ops, Phone: (239) 656-7800

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.

**Project Started:** 05/2011

**Project Completed:** 04/2012

**I75 Design / Lee County Line to Sarasota County Line, FMS Project - FDOT D1**

**Reference:** Kristine Clarke, P.E., DeMoya Group, Phone: (239) 825-1824

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.

**Project Started:** 09/2009

**Project Completed:** 04/2011

**Hybrid CEI 5 Design / Lee County Line to Sarasota County Line, (C8M09, FIN 40675926201 & 41256416201) - FDOT D1**

**Reference:** K.D. Radford, Bartow Ops, Phone: (863) 519-4100

Sr. Lead Inspector: Duties included project supervision/administration, safety, quality control and roadway inspections on these milling and resurfacing projects.

**Project Started:** 11/2008

**Project Completed:** 09/2009

**Sebring OPS, SR 70, (C8L65, FIN 420983-1-62-01) - FDOT D1**

**Reference:** Susan Hindman, Sebring Ops, Phone: (863) 386-6112

Senior Inspector: Design build, mill, resurface, adding passing lanes and turning lane construction on approximately 8.6 miles of roadway Project Administrator, responsibilities included monthly estimates, approval of QC Plan, supplemental agreements, work orders, Site-manager input, LIMS input, final estimate and management of project CE&I staff.

**Project Started:** 10/2007

**Project Completed:** 09/2008

**US 27/US 17 - Hybrid CEI (C8M09, FIN 40675926201 & 41256416201) - FDOT D1**

**Reference:** K.D. Radford, Bartow Ops, Phone: (863) 519-4100

Sr. Lead Inspector, duties included project supervision/administration, safety, quality control and roadway inspections on these milling and resurfacing projects.

**Project Started:** 07/2007

**Project Completed:** 10/2007

**Charlotte County ATMS (C8H87, FIN 193824-1-52-01 & 418160-1-52-01) - FDOT D1**

**Reference:** Mary Wiley, Associate CCEI Project Manager, Ft Myers Ops, Phone: (239) 656-7866

Senior Inspector: Installation of signals and relay equipment, including communication and fiber optic installation. Also trained under and assisted P.A. Arleny Barrios in Contract Support Specialist duties.

**Project Started:** 12/2005

**Project Completed:** 07/2007

**Hybrid CEI Contract Polk County (C8D58, FIN 197332; 196960; 197332 & 415565) - FDOT D-1**

**Reference:** Ollie Burton, Bartow Ops, Phone: (863) 519-4108

Served as a senior inspector on seven projects under the JEA Hybrid Contract including a striping project with inverted profile striping and audible bump on SR 17 for Bartow Operations Center; the SR 544 and SR 549 projects which included milling, paving, striping, drainage, sidewalks, curb and gutter, traffic separators, drilled shafts for mast arms, signals, and signage; and three projects on SR 555 consisting of a bridge project, a lighting project which involved placing new light poles and installation of conduit, pull boxes, electric service poles, and wiring; and a mill and resurface project. These projects were completed in December, 2006.



## Alex Badder / Senior Inspector

**YEARS OF EXPERIENCE:** 12

**EDUCATION:** Youngstown State University, Ohio

**REGISTRATION / CERTIFICATIONS:** TIN#:B360003750830 CTQP Asphalt Paving, Level 1 & 2, CTQP Concrete Field Testing Technician, Level 1, ACI Concrete Field Technician Level I, CTQP Final Estimates Level 1 & 2, FDOT Maintenance of Traffic Intermediate, Troxler Nuclear Radiation Safety/DCEI Hazmat Course, FDOT Critical Structures Certified, CSX/Roadway Worker Protection Certification, NPDES Storm Water Inspector, IMSA – Traffic Signals Level 1, Earthwork Level 1 Earthwork Level 2, Drilled Shaft

### PROJECT EXPERIENCE:

#### CEI Continuing Services Contract (C9P31) - FDOT D-1

**TWO 5 Misc. Warranty Work**  
**TWO 13 TWO 13 SR 25 (US 27) From Old 27 to 5<sup>th</sup> Street**

**Reference:** Susan Hindman, Sebring Operations Center, Phone: (863) 386-6112

CEI Senior Inspector - Hybrid Projects - Alex is a floater on the C9P31 CEI Continuing Services Contract with the Heartland Operations, he is able to move between projects as needed to fill in for absent staff, or short duration assignments. Duties include: maintenance of a project diary, 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.

**Project Started:** 02/2017

**Project Completed:** Current

#### Fern Street from Tamarind Ave to Dixie Highway FPN 4334716201 (LAP project) - City of West Palm Beach

**Reference:** City of West Palm Beach, Project Manager Uyen Dang, P.E.; (561) 494-1076

Sr. Inspector - The scope of this project includes the complete milling and resurfacing of the urban typical in Downtown West Palm Beach Florida. Extensive public outreach is required for the roadway and streetscape improvements, which consist of 36 bio-swale locations with curbing and retaining wall improvements to accommodate new landscaping and irrigation improvements within the project area. The project also includes the installation of new street lighting and parking meter installations along the project length.

**Project Started:** 04/2017

**Project Completed:** 01/2017

#### SR 5/Overseas Hrt.Trl At Mm 47 (Knights Key) Pedestrian Underpass/ADA – FDOT FM No. 428061-1-58-01 - \$1,205,000.00

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Contract Support Specialist / Sr. Inspector- The scope of this project is construct new ADA ramps, retaining walls, bulkhead wall, sidewalks, railing, pedestrian bridge approach, minor landscaping, signage, and striping within DOT right-of-way.

**Project Started:** 09/2016

**Project Completed:** 11/2017

#### SR 5/Overseas Hrt.Trl At Spanish Harbor Historic Bridge (MM 33) FM No. 422628-1-58-01 - \$3,160,893.00

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Contract Support Specialist / Sr. Inspector- The project includes replacement of missing bridge span sections via proprietary pre-fabricated truss and precast concrete beams, existing deck milling and resurfacing, joint/crack cleaning and resealing, aluminum safety railing, navigational lighting, striping and signage. The bridge lies on the Bay side of US 1. The repair will promote use as a multi-use bicycle, pedestrian, and angler observation walk.

**Project Started:** 09/2016

**Project Completed:** 01/2017

#### Kemp Channel Span Replacement; Project FM # 418396-1, , FDEP- District 6 Project # FS050:

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Contract Support Specialist / Sr. Inspector -The Florida Department of Environmental Protection, Kemp Channel Bridge Span Replacement & Improvements. This project provides for replacement of missing spans, navigational lighting, rail installation, milling & resurfacing, joint cleaning & resealing, and pavement striping.

**Project Started:** 05/2014

**Project Completed:** 04/2016

#### Florida Keys Overseas Heritage Trail, Windley Key Trail Segment, Florida, FDEP- District 6

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Project Administrator/ Sr. Inspector - 210 day, \$560,000 LAP Project, Duties performed were processing the Monthly Pay Estimates, processed the samples into LIMS for Material Certification, conducted Weekly Progress Meetings, and submitted the Final Estimates Package to FDOT. The project was Trail Improvements between MM 84.2 to MM 85.2. Worked included a path widening, subgrade and base placement, asphalt, drainage installation, swale and retention pond construction, patterned textured asphalt, colored asphalt treatment, signage, striping, and sod installation.

**Project Started:** 03/2014

**Project Completed:** 12/2014

**University Pedestrian Bridge Project, FDOT District 4, Florida**

**Reference :** Donald Vanwhervin, FDOT Project Manager, 954-958-7654

Contract Support Specialist - Duties on this 76 day, \$510,884.57 project. Duties included processing the monthly estimates, logged samples into LIMS for Material Certification, and submitted the Final Estimates Package to FDOT Operations Center. Project consisted of demolition of the existing fence, bridge rehabilitation, refurbish existing signs, spall repairs, and installation of new fence posts and mesh.

**Project Started:** 08/2014

**Project Completed:** 11/2014

**SR A1A Drainage Improvements, FDOT District 4**

**Reference :** Donald Vanwhervin, FDOT Project Manager, 954-958-7654

Contract Support Specialist- Duties on this 82 day \$181,735.53 project. Duties included processing monthly estimates, logged samples into LIMS for Material Certification, and submitted the Final Estimates Package to FDOT Operations Center. Project consisted of de-watering, manhole rehabilitation, drainage structures, and installation of 15" and 18" HDPE drainage pipe, lime-rock, asphalt, and striping.

**Project Started:** 09/2014

**Project Completed:** 12/2014

**I-95 Northbound Off Ramp to Westbound Oakland Park Blvd, FDOT District 4**

**Reference :** David Schweiger, FDOT Construction Project Administrator, 954-734-3539

Contract Support Specialist - Duties on this 65 day, \$161,018.79 project. Duties included processing monthly estimates, logged samples into LIMS for Material Certification, and submitted the Final Estimates Package to FDOT Operations Center. Project consisted of milling existing asphalt, resurfacing with overbuild and embankment on the shoulder off-ramp.

**Project Started:** 05/2014

**Project Completed:** 07/2014

**Harney Pond Road Widening in Brighton Reservation, Seminole Tribe of Florida**

**Reference :** Ron Mattingly, CH2M Hill, 954-829-3711

Project Administrator / Sr. Inspector – Work performed on this 180 day \$2,438,817.10 project consisted of road widening, sodded shoulders, driveway reconstruction, signing and pavement markers, drainage system construction, relocation of water main, installation of raw water main, and the relocation of Florida Power and Light poles.

**Project Started:** 03/2014

**Project Completed:** 09/2014

**I595 Express Corridor Improvement (\$1.25 B) P3 Project, FDOT District 4**

**Reference:** HNTB Scott Case, P.E. 954.661.7576; FDOT Project Manager: Paul Lampley, P.E.; 954.845.9552

Provided inspection services the reconstruction of the I-595 mainline and all associated improvements to frontage roads and ramps from the I-75/Sawgrass Expressway Interchange to the I-595/I-95 interchange, for a total project length of approximately 10.5 miles and a design and construction cost of approximately \$1.3 billion. Field inspection duties include, overseeing all aspects of the roadway construction activities to include, but not limited to de-mucking, earthwork, micro-tunneling, drainage, MSE wall, retaining wall, traffic railing, gravity walls, variable height concrete barrier walls, sound walls, auger cast piles, surveying, curb and gutter, sidewalk, drilled shafts, pile installation, rip rap, bridge decks, high mast lighting, signalization systems, Barrier wall installation using the Extruder Method, and the placement of Base/Structural Asphalt, and final striping.

**Project Started:** 04/2010

**Project Completed:** 03/2014

**SR 510, Wabasso Causeway, Indian River County, Florida, FDOT District 4**

**Reference:** Deb Ihsan, WPB Construction Operations Manager; 561.370.1107

**Contract Support Specialist-** On this 342 day \$4.2 million RRR project, Mr. Baader Provided inspection services on this project. The project consisted of roadway widening, bridge widening for pedestrian access, retrofit of 4 bridges, and milling and resurfacing the existing roadway. Project length was 1 ½ miles.

**Project Started:** February 2009

**Project Completed:** November 2009

**FDOT, District Four, SR 700, Old Connors Hwy. to US 441, Palm Beach County, FL**

**Reference:** Debra Ihsan Assistant DCE District 4 954-486-1400

Senior Inspector for milling and resurfacing which includes signalization and landscaping. Responsibilities included documentation of the project quantities, data entry of test reports, prepared Engineer's Weekly Summary package, monthly estimates, monthly progress reports and entered data from daily reports into site manager and maintained MOT log. Other responsibilities included inspection of daily construction activities, materials testing, MOT inspections, and daily reports.

**Project Started:** 07/2008

**Project Completed:** 08/2009



## Keith Perry / Inspector

### YEARS OF EXPERIENCE: 8

**EDUCATION:** 2008 – 2011 University of Wolverhampton, Award BSc (Hons) in Commercial Management and Quantity Surveying, 2006 – 2008 University of Wolverhampton, Higher National Certificate (HNC) Building Studies, 2004-2006 Sand well College BTEC National Certificate in Construction

**CERTIFICATION:** TIN# P600516714500; ACI Field Technician, Nuclear Gauge Safety Training, **FDOT Concrete Field Inspector L1, Earthwork Level 1 and 2**, Quality Control Manager, **Final Estimates Level1, Asphalt Paving Level 1 and 2**, NPDES Storm Water Inspector, FDOT Critical Structures Certified, **FDOT Intermediate MOT**, IMSA Traffic Signal Inspector Level I, **Drilled Shaft Inspection, Pile Driving Inspection**

### PROJECT EXPERIENCE

**43517116201, 43517136201, 43517216201, 43517236201-CEI Services Resurfacing and Roadside Improvements MP 94.309 to MP 102.462, Resurface and Roadside Improvements MP 103.684 to 106.098, Palm Beach County**

**Reference:** Jamie Gomez, FTE Project Manager (954) 934-1131

Inspector – Scope of work is milling and resurfacing (38.824 Miles) Florida's Turnpike (SR 91) from the West Palm Beach Services Plaza to South of the West Palm Beach Canal (MM 94.309 to MM 102.462) including the ramps at SR 80 (Southern Blvd.), Jog Road and SR 704 (Okeechobee Boulevard) and milling and resurfacing from 45th Street to SR 710/CSXRR (MM 103.684 to MM 106.098) in Palm Beach County. In addition to milling and resurfacing, the project includes safety upgrades and signing and pavement markings.

**Project Started:** August 2017

**Project Completed:** On-Going

### FDOT D-1 CEI Continuing Services Contract (C9P31)

**TWO 5 Misc. Warranty Work**  
**TWO 9 US 441 from 224th Street to 304th Street Project**  
**TWO 12 CEI SR 66 from Hardee C/L to W of US 98**  
**TWO 14 SR 80 from Grandmas Blvd to Huggetts Road**

**Reference:** Susan Hindman, Sebring Operations Center, Phone: (863) 386-6112

CEI Senior Inspector & CEI Inspector - Hybrid Projects - Keith is a floater on the C9P31 CEI Continuing Services Contract with the Heartland Operations, he is able to move between projects as needed to fill in for absent staff, or short duration assignments. Duties 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.

**Project Started:** February 2017

**Project Completed:** July 2017

### SR 5/OVRSEAS HRT.TRL AT MM 47 (Knight Key) Pedestrian Underpass/ADA – FDOT FM No. 428061-1-58-01 - \$1,205,000.00

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Sr. Inspector- The scope of this project is construct new ADA ramps, retaining walls, bulkhead wall, sidewalks, railing, pedestrian bridge approach, minor landscaping, signage, and striping within DOT right-of-way.

**Project Started:** 9/2016

**Project Completed:** 12/2017

### SR 5/OVRSEAS Hrt.Trl. at Spanish Harbor Historic Bridge (MM 33) FM No. 422628-1-58-01 - \$3,160,893.00

**Reference:** James Post, FDEP Project Manager, 305-853-3571

Sr. Inspector- The project includes replacement of missing bridge span sections via proprietary pre-fabricated truss and precast concrete beams, existing deck milling and resurfacing, joint/crack cleaning and resealing, aluminum safety railing, navigational lighting, striping and signage. The bridge lies on the Bay side of US 1. The repair will promotes use as a multi-use bicycle, pedestrian, and angler observation walk.

**Project Started:** 9/2016

**Project Completed:** On Going

### 43060116201 SR-A1A from East of Mercedes River Small Bridge to Sunrise Blvd - CEI Services

**Reference:** David Schweiger, P.E., FDOT Construction Project Oversight FDOT District 4 954-734-3539

Inspector- 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.

**Project Started:** 3/2016      **Project Completed:** 6/2017

**SR-715/SW-NW 16th Street from SR-717/W Canal Street to SR-15 Project; FIN # 428722-1 52-01**

**Reference:** FDOT D-4 Jacques Beaubrun, CPM; 561-370-1143

Inspector -The major work function on the project included milling and resurfacing and shoulders widening. Additional scope included proposed sidewalk on the south side, guardrails, minor drainage and signing and pavement marking improvements.

**Project Started:** 02/2016      **Project Completed:** 2/2017

**FDOT D-1 CEI Continuing Services Contract (C9P31, FIN: 433183-4-62-010) TWO # 5 Warranty Inspection**

**Reference:** Susan Hindman, Sebring Operations Center, Phone: (863) 386-6112

Warranty Inspector - Miscellaneous Warranty Inspection for Heartland Operations – Asphalt Inspection

**Project Started:** 2/2016      **Project Completed:** 2/ 2016

**S.R. 82 West Widening Project/ SR 82 FM 42584155201- Construction Cost \$7.6 Million**

**Reference:** RI Jignesh Vyas, P.E. Project Engineer (407)406-0300

Sr. Inspector duties included; maintenance of the project dairy, inspection of construction operations and verification testing for installed materials. He also conducted erosion control and maintenance of traffic compliance reviews and maintained control all cross slope issues during the overbuild/milling and resurfacing operations. Scope of the project; Widening of SR 82 to four lanes from the Lee/Hendry County line to the Hendry/Collier County line. This 1.3 mile project improves drainage to manage water running off the roadway and builds new five-foot sidewalk on the north side of the road.

**Project Started:** 4/2016      **Project Completion:** 12/2016

**Project Completed from 9/2013 – 4/2016**

QC Technician: Quality Control Activities to ensure that highways, Bridges, Roads and allied facilities conform to plans and specification contained in the contractual agreements. Duties included, perform all Concrete, Earthwork and HMA standard inspection and testing. Slump test, Air test, Cylinder strength test and Sampling. Density test on Pipe back fill, Embankment, Sub-grade, and Lime-rock Base. Calculation of areas and volumes, testing and Inspection of HMA mixes.

- **SR 84 Marina Blvd and US 1 Improvements FM 435624-1-72-01**  
**Reference:** Charley Pasley Williams Paving 786-229-1953  
Duties: Performed Concrete Sampling for concrete test cylinders, Air and Slump test; Asphalt measurements and calculation of areas; Monitor truck temperature and asphalt waste: Prepared QC Daily Reports; utilizing troxler gauge to obtain density on Earthwork; visual field inspection on soil compaction, concrete and asphalt placement.
- **I-75 and SR 826 (Palmetto Express Lane) FM 432687-1-52-01**  
**Reference:** John Stebbins 305-975-7128  
SR 826 and 103rd South Bound Exit Ramps, Duties: Taken Density on MSC Walls and embankment utilizing troxler gauge;
- **Davie Rd Improvement (Broward County Job)**  
**Reference:** Brian Tull, 954-629-8202  
Duties: Performed Density on Roadways and Sidewalks; Sampling for concrete test cylinders, Air and Slump test for sidewalk and drilled shaft; Visual field inspection on soil compaction and concrete placement.
- **I-95 and Blue Heron Blvd Improvements VIN 434723-1-52-0**  
**Reference:** Rafael Vicente, 772-233-9694  
Duties: Taken Density on Structure/Pipe backfill, and North Bound Exit Ramp Embankment; Visual field inspection on soil compaction;
- **23rd Street, West Palm Beach Project VIN 4330707-1-52-01**  
**Reference:** Torrance Thomas, 954-729-7725  
Duties: Asphalt measurements and calculation of paved areas; Prepared QC Daily Report; Cross Slope Measurement; Straightedge Reports; visual field inspection on finish work; monitor truck temperature and asphalt waste;  
**Broward Boulevard Park and Ride Access Road improvement Project VIN 433972-1-52-01.**  
**Reference:** Hamid Janghorban, 954-393-4776, Senior Inspector  
Duties: Carry out all measurement and calculation of Asphalt paved areas; Prepare QC Daily Reports; visual inspection; monitor truck temperature and waste.



**Torrance Thomas / Inspector**

**YEARS OF EXPERIENCE:** 8

**EDUCATION:** Blanche Ely High School, Pompano Beach, FL, High School Diploma, 2000

**CERTIFICATION:** **TIN# T520812822150** Earthwork Level 1 & 2, Asphalt Paving 1 & 2, FDOT Concrete Level I, ACI Level I, Intermediate MOT, Drilled Shaft, Intermediate MOT, Final Estimates I & II, Post-Tensioning Institute Certificate Level 1, Pile Driving, Drill Shaft, CSX/Roadway Worker Protection Certification, FDOT Critical Structures Certified, IMSA Traffic Level 1

**PROJECT EXPERIENCE:**

**CEI Continues Contract C9P31 - FM: 432897-1-62-01; Ave J, Ave K and SR 25 (Us 27) From 5th St to 1st St and From Old Us 27 to 5th ST - FDOT D1**

**Reference:** Susan Hindman, Sebring Operations Center, 863-386-6112

Sr. Inspector- for this Hybrid project-Scope The improvements under this contract consist of milling and resurfacing, base work, shoulder treatment, drainage improvements, curb and gutter, guardrail, sidewalks and signing and pavement marking on Avenue J and K from 5th Street to 1st Street and on State Road 25 from Old US 27 easterly 1.291 miles to 5th Street in the City of Moore Haven, Glades County

**Project Started:** 05/2017

**Project Completed:** On Going

**SR-A1A from East of Mercedes River Small Bridge to Sunrise Blvd, 43060116201 – FDOT D4**

**Reference:** David Schweiger, P.E., FDOT Construction Project Oversight FDOT District 4 954-734-3539

Inspector- 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.

**Project Started:** 03/2016

**Project Completed:** 06/2017

**CEI Services for 15th Street Beautification Project (FM 431652158/7801) - City of West Palm Beach**

**Reference:** City Project Manager; Khanh Uyen Dang, PE, Senior Project Engineer: 561-494-1087

Inspector- 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.

**Project Started:** 06/2015

**Project Completed:** 06/2016

**23rd Street from Tamarind Avenue to Spruce Avenue, 43307016201 – FDOT D4**

**Reference:** Mathew Carlock FDOT District 4 Project Manager, Palm Beach Operations 561-370-1127

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.

**Project Started:** 08/2014

**Project Completed:** 02/2016

**S.R 933 NW12th Ave 40thst-29th Miami Dade**

**Reference:** Chris Andreoni, PSI Branch Manager. 954-267-0965

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.

**Project Started:** 03/2014

**Project Completed:** 08/2015

**195 Express Lanes - Broward County**

**Reference:** Chris Andreoni, PSI Branch Manager. 954-267-0965

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.

**Project Started:** 03/2014

**Project Completed:** 08/2015

**Andrews Ave/Copans - Broward County**

**Reference:** Chris Andreoni, PSI Branch Manager. 954-267-0965

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.

**Project Started:** 03/2014

**Project Completed:** 08/2015

**NW 25thst Doral - FPL Port Everglades**

**Reference:** Chris Andreoni, PSI Branch Manager. 954-267-0965

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.

**Project Started:** 03/2014

**Project Completed:** 08/2015

**QC Inspector/Field Tech**

**Reference:** Tyrone W. 954-543-3021

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.

**Project Started:** 02/2012

**Project Completed:** 03/2014

**QC Inspector Coastal Construction Projects**

**Reference:** Dave A. 321-749-1453

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.

**Project Started:** 01/2009

**Project Completed:** 02/2012



## Erica Valencia / Associate Contract Support Specialist

**YEARS OF EXPERIENCE:** 12

**CERTIFICATION:** TIN# V452205777210, 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, Project Solve Trained.

### PROJECT EXPERIENCE:

#### **University City Prosperity Project, Pedestrian Bridge over Tamiami Trail US 41, Contract No.: AR173 FM No.: 434688-1 (LAP/TIGER FUNDED)**

**Reference:** FDOT D-6 Project Manager Mrs. Barbara Espino, Phone: (305) 640-7405

RCS -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 compliance with 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, 6 EEO Labor Interviews, Commercially Useful Function (CUF's), EEO Officers, July Reports and all project files are entered into LAPIT. Also is handling the training and graduation of 5 OJT Trainees. Also attends the Compliance Audits at the district office, and progress meetings. Project scope consist of a 320-foot-long pedestrian bridge across Southwest 8th St., includes a concrete canopy 30 feet wide, lighting system, walkways, plazas and landscaping.

**Project Started:** February 2017

**Project Completed:** Ongoing

#### **SR 5/OVRSEAS HRT.TRL AT MM 47 (KNIGHTS KEY) PEDESTRIAN UNDERPASS/ADA (FIN 428061-1-58-01 - \$1,205,000.00)**

**Reference:** FDOT D-6 Project Manager Mrs. Barbara Espino, Phone: (305) 640-7405

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.

**Project Started:** September 2016

**Project Completed:** December 2017

#### **SR 5/OVRSEAS HRT.TRL AT SPANISH HARBOR HISTORIC BRIDGE (MM 33) (FIN. 422628-1-58-01 - \$3,160,893.00)**

**Reference:** FDOT D-6 Project Manager Mrs. Barbara Espino, Phone: (305) 640-7405

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.

**Project Started:** September 2016

**Project Completed:** Ongoing

#### **Local Agency Program (LAP) - FDOT District 6 LAP**

**Reference:** FDOT D-6 Project Manager Mrs. Barbara Espino, Phone: (305) 640-7405

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.

**Project Started:** January 2013

**Project Completed:** September 2016

**SR 5/US 1/South Dixie Highway Grouping, (FIN 410625-1-52-01, 410625-2-52-01, 410625-1-56-01 & 410625-2-56-01 - \$11 million)**

**Reference:** Jacqueline Sequeira, P.E., FDOT Project Manager, Phone: (305) 796-0376

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.

**Project Started:** January 2010

**Project Completed:** January 2013

**NW 12th Avenue Bascule Bridge Project, (FIN 249640-1-52-01 - \$65 million)**

**Reference:** Mario Cabrera, FDOT Project Manager, Phone: (305) 490-2370

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.

**NW 5th Street Bascule Bridge Replacement Project, (FIN 412808-1-52-01)**

Description of work performed; 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.

**NW 12th Avenue South Roadway Project, (FIN 414643-1-52-01 - \$4 million)**

Description of work performed; 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.

**Project Started:** September 2006

**Project Completed:** May 2010

**1800 Club Project**

**Reference:** Scott Prince, Tutor Perini Corp.

Position: Project Coordinator & Secretary - Description of work performed; Responsible for all office administrative duties, including: reception, client coordination, filing and document management. Assisted project managers, superintendents and subcontractors. Coordinated projects by processing invoices and payment applications, notarizing lien releases, sworn statements, certificates of insurance, managing request for information transmittals, daily reports, emails, and ordering office supplies.

**Project Started:** June 2004

**Project Completed:** September 2006



---

**Christina Yero, PE / Assistant Project Administrator/Contract Support Specialist**

**YEARS OF EXPERIENCE:** 8

**EDUCATION:** BS, Civil Engineering, University of Central Florida, 2009

**REGISTRATION:** FL PE #81239

**CERTIFICATION:** TIN#Y600100876290; Final Estimate Level I and Final Estimate Level II

**PROJECT EXPERIENCE:**

**FDOT D-4 C9C31 – Continuing Inspection Support for Broward Operations Center**

**Reference:** Albert Salas, P.E., Broward Operations Construction Engineer; (954) 958-7628

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.

**Project Started:** November 2015

**Project Completed:** Current

**City of West Palm Beach CEI Services for 15th Street Beautification Project (FM 431652158/7801)**

**Reference:** City Project Manager; Khanh Uyen Dang, PE, Senior Project Engineer: 561.494.1087

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.

**Project Started:** June 2015

**Project Completed:** February 2016

**City of Kissimmee, Florida: Construction Engineering Inspection Services; Pedestrian Bridge over John Young Parkway and Shingle Creek Regional Trail**

**Reference:** David Bowden 407-873-1905

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.

**Project Started:** 01/2014

**Project Completed:** 11/2015

**City of Daytona Beach, Florida, Construction Engineering Inspection, Orange Avenue Mast Arm Traffic Signals**

**Reference:** David Bowden 407-873-1905

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.

**Project Started:** 06/2014

**Project Completed:** 11/2015

**District 5 Construction Special Projects, Florida Department of Transportation**

**References:** Vincent Vacchiano, FDOT District 5 Construction Special Projects Manager, (386) 943-5406; Jonathan Duazo, SunRail Public Transportation Manager, (386) 943-5347

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.

**Project Started:** 05/2011

**Project Completed:** 05/2013

**Construction Engineering Inspection, City of South Daytona, Florida: South Ridgewood Avenue, Oak Lea Drive and Big Tree Road/Magnolia Avenue**

**References:** David Bowden 407-873-1905

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.

**Project Started:** 01/2012

**Project Completed:** 02/2013

**SR 189 Bridge Design over Five Mile Bayou, Florida Department of Transportation – District 3:**

**References:** Aaron McHan, P.E. 864-494-4040

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.

**Project Started:** 12/2009

**Project Completed:** 04/2010



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MANAGEMENT AGENCY (FEMA) GRANT SOUTHWEST (SW) DRAINAGE PROJECT

## 8. PAST PERFORMANCE / REFERENCES

## 8. PAST PERFORMANCE - REFERENCES

### Reference 1

NE 34th Court Drainage and  
Reconstruction, Oakland Park, FL  
Ronald Desbrunes, (954) 535-2778  
ronaldd@lauderdalelakes.org

### Reference 2

Glades Citizens' Villas Stormwater  
Improvement Project, Pahokee, FL  
Jongelene Adams, Project Manager  
561-360-0079  
jadams@cityofpahokee.com

### Reference 3

NE 38th Street Reconstruction and  
Drainage Improvements - Oakland Park, FL  
Ronald Desbrunes, (954) 535-2778  
ronaldd@lauderdalelakes.org



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MANAGEMENT AGENCY (FEMA) GRANT SOUTHWEST (SW) DRAINAGE PROJECT

## 9. APPROACH TO THE PROJECT

## 9. PROJECT TEAM'S EXPERIENCE/QUALIFICATION

AE Engineering staff members are true professionals and have a thorough understanding of the project. **Ricardo Baraybar, P.E. – Sr. Project Engineer and Andres Atehortua – Project Administrator and their team of inspectors will be on site to ensure the success of each construction element as well as the City's project requirements.** Our staff prides itself on customer service to both the City and all the affected residents within the Hallandale Southwest Quadrant Drainage system. Our staff will provide daily project updates to the assigned City Project Manager and build a relationship with City officials to ensure a compatible, cohesive team is built. **As representatives of the City of Hallandale Beach, Mr. Ricardo Baraybar, P.E. and Mr. Andres Atehortua and all AE Engineering staff members will represent the City in a professional and courteous manner during all internal and external dealings and will attend to all the City's needs and requests.**

In addition to building a relationship with our client, we will also strengthen our existing relationship with the Engineer of Record. Several of the proposed staff members, including the Company President, Project Administrator, and several project inspectors are former Calvin, Giordano & Associates, Inc. employees. This familiarity with CGA creates an immediate bond between AE Engineering and CGA and allow seamless communication between the companies. We will quickly set up a meet and greet meeting with Lanzo Construction and develop the same working relationship and collaboration we have developed with all our previous contractors. Our team goal is to resolve project issues at the lowest level. **We will quickly comprehend their project schedule and sequence to construct the project drainage, injection wells, pump station and the Schaffer Canal gate control structure.** This information will enable AE Engineering to conduct a door-to-door public information outreach to all affected residents and narrow the construction timeframe concerns within their affect streets and driveways. In addition, we will ensure the Contractor fully closes and paves each individual street prior to continuing to adjacent construction.

All proposed staff are seasoned professionals whom reside in Broward County. This familiarity with the South Florida area surrounding the City of Hallandale Beach allows our staff to be compassionate towards resident complaints and alleviate all project issues that will arise, such as, Maintenance Of Traffic concerns, local street closures, and the importance of maintaining complete and proper access to resident's driveways throughout the life of the project.

In addition, as local residents, we understand the nuances of the area such as, summer afternoon rainstorms, seasonal winter population influx, the strong possibility of Hurricane / Tropical Storm evacuation in the low lying project area, and the utility conflicts that will arise within the metropolitan area surrounding Dixie Highway and how best to plan for them.

### **PRE-CONSTRUCTION (Project Coordination and Financial Oversight)**

- ▶ Project Kick-Off Meeting with City Project Manager and all city staff members involved with project (i.e. Pass The Torch Meeting)
- ▶ Utility Coordination meeting with all local utilities including Comcast, AT&T, Local City water and Sewer maintaining agency, FPL, FPU and all other affected utilities. We will establish point of contacts with all utilities work to identify all field conflicts and commence resolution procedures.
- ▶ Conduct pre-construction video and photographs of existing conditions.
- ▶ Meet & Greet with Lanzo Construction.

**“All proposed staff are seasoned professionals whom reside in Broward County. This familiarity with the South Florida area surrounding the City of Hallandale Beach allows our staff to be compassionate towards resident complaints and alleviate all project issues that will arise, such as, Maintenance of Traffic concerns, local street closures, and the importance of maintaining complete and proper access to resident's driveways throughout the life of the project.”**

COMMUNICATION + PLANNING = PROJECT SUCCESS



**“In addition, as local residents, we understand the nuances of the area such as, summer afternoon rainstorms, seasonal winter population influx, the strong possibility of Hurricane / Tropical Storm evacuation in the low lying project area, and the utility conflicts that will arise within the metropolitan area surrounding Dixie Highway and how best to plan for them.”**

- Door-to-door public outreach to all affected residents.
- Ensure that all project permitting is finalized and ensure the permitting requirements are understood and considered by the contractor's approach.
- Schedule a Preconstruction Meeting and EEO Meeting prep
- Proofread all project plans and specifications to quickly rectify any inconsistent language.

One of our main goals will be to work with the City of Hallandale Beach towards FEMA grant encumbrance to ensure the city recovers the 75% Federal Emergency Management Agency Share.

- » Establish early contact with the assigned FEMA liaison to ensure all project reimbursement requirements are clearly understood.
- » We will commence preparation for the expected FEMA 30 / 60/ 90 percent internal audits.
- » We will keep all project files in a readily accessible share drive to allow transparency between the City Project Manager and the FEMA liaison.
- » Establish a project quantity and schedule of value sheet to allow for simple project financial oversight. Double check all project quantities to gain an early understanding on how to best mitigate any possible quantity overruns.

Establish contact with local building officials to ensure the contractor is aware of the required local building codes and the expectations of both AE Engineering and the City of Hallandale Beach Building Inspector.

This will include:

- » Construction and Inspection HOLD POINTS.
- » Miami-Dade Hurricane windows/ doors and roof requirements.
- » Testing of construction material such as concrete testing and earthwork compaction density testing.

### **CONSTRUCTION (Project Coordination and Financial Oversight)**

- Project a project Layout and verify contractor survey with independent CEI survey instrumentation and controls.
- Monthly Contractor CPM schedule review
- Ensure that Construction Activities only occur with the allotted timeframe of Monday-Friday 8 AM to 5 PM.
- Provide meeting minutes for all pertinent project meetings.
- Continue Utility Coordination through project construction with monthly utility meetings
- Conduct Weekly Owner / CEI / Contractor project progress meetings.
- Submittal and Shop drawing review and tracking coordination with CGA and City representatives.
- Construction Changes and Clarifications (RFI / RFC) review and tracking coordination with CGA.
- Continue community Outreach, including resident complain monitoring and mitigation.
- Conduct intermediate Survey to verify placement of drainage pipes and structures during construction.

Enforce the project **Quality Control Plan** and provide verification testing for installed materials including, but not limited to:

- » Precast pipe shop inspections
- » Field Concrete testing
- » Geotechnical testing including density, proctor, LBR etc.
- » Mechanical and Electrical Components shop testing for gate control structure and pump station components.
- » Roadway base installation inspection
- » Asphalt inspection as required by all city and FDOT specifications.

- » Drainage installation inspection including 3rd party drainage inspection video.
- » Maintenance of all project files including contractor daily construction work report from all field inspectors. These daily work records will include daily photos, weather impacts, installed quantities, and contractor performance.
- » Track contract time including weather / holidays / additional awarded days.
- » Review and track field changes such as change orders, unforeseen conditions, supplemental instructions, delay days. We stress the importance of change order tracking to all field inspectors to mitigate additional costs to both the City of Hollandale beach and to justify FEMA grant reimbursement.
- » Provide Consultant Engineer's cost estimates and verify all contractor invoices versus industry standard for all additional scope and cost changes.
- » Review Contractor's pay requests including quantities verification, proper completion with all required forms, and monitoring money versus time balance to ensure contractor funds are fairly distributed during the life of the project. The pay requests will be jointly reviewed by the AE Engineering staff and Contractor Management to ensure that all work that has been completed, accepted, and is compensated in the pay application request.
- » Monitor contractor building inspections and ensure all proper building codes are held during intermediate "in-house" inspection. We will not concur with calling a formal building inspection without prior verification.
- » Photographic documentation of all installed drainage and injection wells including pictures of all drainage joints prior to earthwork covering.
- » Provide Internal Quality Assurance to ensure all project documentation is audit ready.
- » Prepare and Assist the City with all required documentation for intermediate FEMA audits.
- » Review and Track all installed material certification
- » Daily Monitoring of Maintenance of traffic.
- » Ensure residents maintain safe vehicular driveway access and adequate ADA compliant pedestrian access and egress to their residences.
- » Ensure that at the end of each working day, all excavated areas are restored with temporary or permanent asphalt.
- » Ensure all road as swept at the end of all working shifts.
- » Ensure that all roads remain open during non-working hours and weekends.
- » Participate in all required contract negotiations.
- » Provide intermediate punchlists as specific work items and scopes are completed,
- » Balance internal CEI inspector schedules to reduce and/or eliminate overtime hours. We will work with the City Project Manager to provide a monthly CEI manpower schedule to mitigate inspection hours overruns due to possible project extensions.

### **PROJECT CLOSE OUT (Project Coordination and Financial Oversight)**

Provide a comprehensive Substantial Completion AND Final completion punch list. This punchlist will be conducted via Bluebeam software and contain photo documentation showing all deficiencies, specific project locations, and concurrence upon completion.

We will provide intermediate punchlists at the following project stages:

- ▶ Upon drainage and injection well installation, prior to backfill
- ▶ Upon Pump Station Dry in
- ▶ Upon Control Structure structural completion ( prior to gate installation )
- ▶ Upon Control Structure gate installation and test sequence
- ▶ Upon completion of Pump Station mechanical and electrical components and test sequence.
- ▶ After drainage pipe backfill and prior to structural asphalt placement.
- ▶ Upon Completion of structural asphalt.

We will ensure all structural punch lists items are completed prior to the installation of final asphalt friction course and project beautification.

- » Receive a Final Certificate of Occupancy from the Building Inspector.
- » Material Certification Package
- » Concurrence with final project quantities including possible overruns and underruns and extensive review of final project pay request.
- » Review and concur with all required project Warranty Letters.
- » Prepare all required documentation and assist the City of Hallandale Beach with the encumbrance of the FEMA grant including providing justification for any additional requests added during construction.
- » Document Final Contract Time, including any possible liquidated damages assessed to Lanzo Construction.
- » Verification of project As-Builts including Final Independent Survey.
- » Track Supporting Documentation that attest of Contract Supplier and Subcontractors have received final payment.
- » Provide the City of Hallandale Beach of a Final Estimates all-encompassing package.
- » Provide the City with all Lessons Learned.
- » Assist with the close out all open City and Contractor permits.
- » Conduct a Final project Meeting with City Project Manager and all city staff members involved with project (i.e. Extinguish the Torch Meeting)



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MANAGEMENT AGENCY (FEMA) GRANT SOUTHWEST (SW) DRAINAGE PROJECT

**10.** FLORIDA STATUE 287.055  
SECTION 2. (D) CERTIFIED MINORITY BUSINESS  
ENTERPRISE CERTIFICATION

# State of Florida

## Minority Business Certification

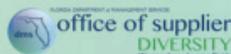
### AE Engineering, Inc.

Is certified under the provisions of  
287 and 295.187, Florida Statutes, for a period from:

07/05/2017 to 07/05/2019



Erin Rock, Secretary  
Florida Department of Management Services



Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • [www.dms.myflorida.com/osd](http://www.dms.myflorida.com/osd)



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MANAGEMENT AGENCY (FEMA) GRANT SOUTHWEST (SW) DRAINAGE PROJECT

## ADDENDUMS



**ADDENDUM # 1**  
**RFP # FY 2017-2018-010**  
**CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES**  
**FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) GRANT**  
**SOUTHWEST (SW) DRAINAGE PROJECT**

Please ensure you check the City's website for the latest addendum released for this project. Below find the link to the City's website: [www.cohb.org/solicitations](http://www.cohb.org/solicitations).

Firm must provide this form signed by an authorized officer of your Firm to acknowledge receipt of ADDENDUM # 1 and provide with your Firm's response.

**PLEASE NOTE: MINIMUM QUALIFICATION REQUIREMENT #3 – REVISED AS OF 5/10/2018**

**CHANGE FROM:**

Proposer must provide five (5) years of experience showing having performed the same scope of work as outlined in this RFP. Previous experience can be from one (1) or multiple contracts. The proposing Firm must show and have FEMA Drainage Experience. This information must be detailed and provided in the charts below.

**CHANGE TO:**

Proposer must provide five (5) years of experience showing having performed the same scope of work as outlined in this RFP. Previous experience can be from one (1) or multiple contracts. Proposer must have past experience working on a FEMA funded drainage construction project of similar scope of work and must be able to demonstrate experience with FEMA regulations, documentation and reporting requirements. This information must be detailed and provided in the charts below.

RFP # FY 2017-2018-010  
CONSTRUCTION ADMINISTRATION AND  
ENGINEERING INSPECTION SERVICES  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
(FEMA) GRANT  
SOUTHWEST (SW) DRAINAGE PROJECT

CITY OF HALLANDALE BEACH

ADDENDUM # 1

**PLEASE NOTE RECEIPT OF ADDENDUM # 1 BY SIGNING BELOW AND INCLUDE WITH YOUR FIRM'S SUBMISSION.**

**I ACKNOWLEDGE RECEIPT OF ADDENDUM # 1:**

Company	AE Engineering, Inc.
Name	Roderick Myrick, PE
Title	President
Signature	
Date	5/21/2018

Sincerely,



Andrea Lues, Director, Procurement Department



**ADDENDUM # 2**  
**RFP # FY 2017-2018-010**  
**CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES**  
**FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) GRANT**  
**SOUTHWEST (SW) DRAINAGE PROJECT**

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Please ensure you check the City's website for the latest addendum released for this project. Below find the link to the City's website: [www.cohb.org/solicitations](http://www.cohb.org/solicitations).

Firm must provide this form signed by an authorized officer of your Firm to acknowledge receipt of ADDENDUM # 2 and provide with your firm's response.

**PLEASE NOTE:**

**Question #1:**

What's the engineer's estimate for this project? Please advise.

**Answer #1: The construction component of this project has been awarded for a not to exceed amount of \$13,018,500.**

**Question #2:**

where I can find a copy of the project plans to review.

**Answer #2: The project plans for BID # FY 2017-2018-006 are available on the City's website at [www.cohb.org/solicitations](http://www.cohb.org/solicitations) and on DemandStar.**

**Question #3:**

Do you have the required forms available in Word format?

**Answer #3: No.**

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(FEMA) GRANT  
SOUTHWEST (SW) DRAINAGE PROJECT

CITY OF HALLANDALE BEACH  
  
ADDENDUM # 2

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**Question #4:**

On Page 7 of the RFP states that a minimum qualification requirement is that the firm “ must show and have FEMA Drainage Experience”. FEMA Drainage is a typical design standard used for low lying areas such as South Florida and is standard for FDOT drainage designs. Can the City please elaborate on the definition of this requirement and / or provide specific criteria to meet this minimum requirement?

**Answer #4: Please see Addendum #1.**

**PLEASE NOTE RECEIPT OF ADDENDUM # 2 BY SIGNING BELOW AND INCLUDE WITH YOUR FIRM'S SUBMISSION.**

**I ACKNOWLEDGE RECEIPT OF ADDENDUM # 2:**

Company	AE Engineering, Inc.
Name	Roderick Myrick, PE
Title	President
Signature	
Date	5/21/2018

Sincerely,



Andrea Lues, Director, Procurement Department



**REFERENCE CHECK FORM**

<b>RFP # FY 2017-2018-010 CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES FEMA GRANT SW DRAINAGE PROJECT</b>
<b>PROPOSING FIRM'S NAME(S) :</b> AE Engineering Inc.
<b>PROJECT NAME:</b> Glades Citizens' Villas Stormwater Improvement Project
<b>WAS THIS A FEMA DRAINAGE PROJECT:</b> Yes
<b>NAME OF FIRM THAT WAS AWARDED THE AGREEMENT FOR THE PROJECT:</b> AE Engineering Inc.
<b>NAME ALL THE FIRMS THAT WERE SUBCONTRACTORS TO THE PROJECT AND PROVIDED SERVICES:</b> Baker Klein Engineering, Inc. BBLS Land Surveyors, Inc.

<b>Name of reference:</b>	Jongelene Adams	<b>Phone:</b>	561.360.0079
<b>Title of reference:</b>	Project Manager	<b>E-mail Address:</b>	jadams@cityofpahokee.com
<b>Company/Employer:</b>	City of Pahokee		

Please answer the following questions regarding services provided by the proposer named above.

1. Provide detail information of the specific services the Firm provided for your Project.
CEI Services, Construction Management Services Grant Management, and compliance assistance



2. Provide detail information about the level of commitment of the Firm to your project. Did the Firm devote the time, and personnel necessary to successfully complete the organization's needs?

AE Engineering Inc. was very committed in ensuring the projects were on time, and within budget.

Provided very competent staff, excellent communication, and overall knowledge to meet the projects demands.

3. Provide detail information about the competence, accessibility, and responsiveness of the Firm's personnel supervising and performing the work on the project.

AE Engineering Inc's staff provided a constructibility review before the project began in order to mitigate any potential issues up front. They provided excellent communication throughout the project completion, ensuring that everyone was on the same page and meeting the needs of the project.

4. Provide detail information about the Firm's response time as required by your Agreement. Where there ever any issues and why?

AE Engineering Inc was very responsive from execution of the agreement throughout the project and up to completion. They provided experienced staff and additional resources to resolve any conflicts or issues.



5. Provide detail information about the Firm's success at minimizing any issues.
AE Engineering Inc. provided a constructibility review before the commencement of the project, and meet with the contractors to provide cost effective solutions, and avoided possible delays.

6. How would you rate the Firm's overall work throughout the years on the Contract?
AE Engineering Inc. is an excellent firm to work with. They go above and beyond.

**ADDITIONAL COMMENTS:**


SIGNATURE:  Date: 5/18/2018