

**A.D.A. Engineering, Inc.**

Bid Contact **Vivian Martinez**  
**mkg@adaeng.net**  
**Ph 305-551-4608**  
**Fax 305-551-8977**

Address **8550 NW 33 Street, Suite 202**  
**Miami, FL 33122**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PSEN-18-02--01-01	Please submit documents here.	<b>Supplier Product Code:</b> <b>Supplier Notes:</b> A.D.A. Engineering, Inc. response to City of Pembroke Pines RFQ # PSEN-18-02	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

A.D.A. Engineering, Inc.

Item: **Please submit documents here.**

#### Attachments

ADA\_City of Pembroke Pines · RFQ-PSEN-18-02 07242018.pdf



Request for Qualifications (RFQ)

## Professional Service Providers (Architectural, Engineering, Surveying & Mapping)

RFQ # PSEN-18-02 | July 24, 2018





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# TITLE PAGE



## TITLE PAGE



### Subject

RFQ # PSEN-18-02 "Professional Service Providers (Architectural, Engineering, Surveying & Mapping)"

### 1. Date

July 24, 2018 @ 2:00 p.m.

### 2. Name of the Firm

A.D.A. Engineering, Inc.

#### Corporate Headquarters

8550 NW 33 ST, Suite 202  
Doral, FL 33122

#### West Palm Beach Office

1800 Old Okeechobee Road, Suite 202  
West Palm Beach, FL 33409

#### Tampa Bay Office

2023 1st Avenue N  
St. Petersburg, FL 33713

### 3. Address of the Local Office

### 4. Telephone Number

Phone: (305) 551-4608

Fax: (305) 551-8977

### 5. Email Address

iargudin@adaeng.net





# TAB 1 – LETTER OF INTEREST





## TAB 1 – LETTER OF INTEREST

1

July 24, 2018

City of Pembroke Pines  
City Clerk's Office  
City Hall Administration Building  
601 City Center Way  
Pembroke Pines, Florida 33025

Dear Members of the Selection Committee:

A.D.A. Engineering, Inc. (ADA), a woman-owned, certified Minority Business Enterprise, full-service engineering firm, is pleased to submit this proposal to provide professional services to the City of Pembroke Pines (City). Since its incorporation in 1981, ADA has been providing professional consulting engineering, planning and construction management services. Our current and past clients have included municipalities, county/state/federal agencies, and the private sector. ADA has three offices located within the State of Florida. Our corporate office is headquartered in Doral with branch offices located in West Palm Beach and St. Petersburg.

The City continually manages its assets by developing new projects to rehabilitate or expand its infrastructure to meet the demands of a thriving community. We are aware that the City anticipates establishing contracts with a pool of Professional Services providers in accordance with Florida Statute 287.055 "Consultant's Competitive Negotiation Act" that can be used on an as needed basis. The intent of the RFQ is to qualify multiple firms to provide the required services on both small and large-scale projects. Typical projects may include resolving issues relative to water/sewer/drainage, building additions and/or renovations, stand-alone restroom facilities at park sites and other vertical construction needs and horizontal projects as well.

As shown in Table 1, ADA will be submitting for the following services outlined in the RFQ: 1.3.2 General Civil and Environmental Engineering Services, 1.3.3 Electrical Engineering Services, and 1.3.10 FDOT Roadway Engineering Services. Our team is comprised of firms that have a proven history of delivering services and are headquartered in either Broward or Miami-Dade County. For category 1.3.2, ADA will be the lead design firm with McLaughlin Engineering Co. (MECO) providing surveying services and supplemental engineering support. For category 1.3.3, ADA will provide all of the engineering design services and if required, will rely on MECO's surveying expertise. For category 1.3.10, ADA will be meeting the majority of the FDOT Technical Certifications listed in the RFQ. BCC Engineering, Inc. will be providing services to fulfill technical certifications 2.0 PD&E Studies, 6.1 Traffic Engineering Studies and 6.2 Traffic Signal Timing. Manuel G. Vera & Associates will be providing services to fulfill technical certifications 8.1 Control Surveying, 8.2 Design, Right of Way and Construction Survey and 8.4 Right of Way Mapping. GSLA Design Inc. will be providing services to fulfill technical certification 15.0 Landscape Architect.

<b>Disciplines</b>	
General Civil and Environmental Engineering Services	
Electrical Engineering Services	
FDOT Roadway Engineering Services	

Table 1

By industry standards, our firm is considered to be a small business with just under 40 employees. However, we provide a wide spectrum of engineering as well as construction management services comparable to the large firms. The engineering staff is capable of providing design and permitting services for all types of civil, environmental, electrical, and mechanical projects. Our Water Resources group is considered to be one of the leaders in the State of Florida with regards to innovative drainage design and modeling; heavily relied upon by our Clients. Our Construction Management group has provided Construction Engineering Inspection (CEI) services for projects consisting of roadway, drainage, lighting and signalization improvements, utilities, water/wastewater treatment facilities and stormwater pump stations. Below is a comprehensive list of the services provided by our firm:

- General Civil Engineering
- Electrical Engineering
- Sea Level Rise Resiliency
- Construction Engineering Inspections
- Water and Sanitary Sewer Systems Analysis & Design
- Water Resources & Drainage Feasibility Studies
- Hydraulic/Hydrologic and Water Quality Modeling
- Stormwater Master Plan Development and Updates
- Transportation Engineering
- Mechanical Engineering
- Stormwater Pump Station Design
- Sanitary Pump Station Design

## TAB 1 – LETTER OF INTEREST

1

The ADA Team understands that the scope of services under this contract will vary in complexity. ADA offers a diverse group of professionals that together with their collective experiences understand the requirements for a project to be successful. For this contract, **Alberto D. Argudin, PE, CGC, LEED AP** will be the direct point of contact and will be supported by the other Principals of the firm such as myself, **Alex Vazquez, PE, CFM** (Vice President/Project Manager) and **Albert Argudin, Jr., CGC** (Vice President/Construction Manager). It will be the responsibility of these top-level executives to ensure that superior quality projects are delivered on time and within budget.

The Key Staff identified in our Organizational Chart will be instrumental in the success of our assignments. Our staff includes over twenty (20) Florida registered Professional Engineers, three (3) Florida Certified General Contractors and two (2) LEED AP. Collectively these professionals have successfully delivered projects on similar type contracts for Clients such as the City of Lauderhill, City of Lauderdale Lakes, Town of Davie, City of Margate, Coral Springs Improvement District, Miami-Dade Water & Sewer Department, City of Miami, City of Doral, Florida Department of Transportation, Miami-Dade Expressway Authority and the South Florida Water Management District. All of the identified staff is available at the project start date and will remain fully engaged until final project completion.

### WHY SELECT THE ADA TEAM?

As demonstrated in the firm's past performance, ADA is committed to performing at the highest level. For over 37 years, ADA has been providing superior consulting engineering, planning, and construction management services in Broward, Miami-Dade and Palm Beach County and throughout South Florida. ADA's commitment to responsiveness, quality work, budget fulfillment, and on-schedule performance has allowed its management team to develop and maintain excellent working relationships with its clients. ADA's understanding of its clients' needs has enabled it to represent them well and develop successful, cost-effective solutions to fulfill their engineering, planning and construction needs. The firm's commitment to quality has provided ADA with a steady stream of repeat business. Above all, the ADA Team will ensure responsiveness, exceptional staffing, timely execution of management plans, and superior quality control and assurance.

In addition to the firm's qualifications and experience, the following key items highlight why the ADA Team is the most qualified to deliver this contract.

- ✓ **Exceptionally Qualified Team Members** – ADA's success in delivering high-quality services to its clients is a direct result of a highly qualified staff of engineers, technicians, construction managers and administrators. ADA's staff members possess the engineering design experience, technical know-how, and regulatory knowledge required for successfully delivering projects that meet the needs of the community. Not only is the ADA Team uniquely qualified, but the entire team is ready to integrate with City's staff.
- ✓ **Capacity to Perform the Work** – ADA's team is uniquely positioned to dedicate resources to the City of Pembroke Pines immediately to ensure the delivery of this contract. We have the capacity to deliver and have strategically allocated resources from our subconsultants.
- ✓ **Local Experience** – The ADA Team has considerable experience in Broward County and surrounding areas.
- ✓ **Quick Response** – Having participated in numerous General Engineering Contracts the ADA Team understands the need for quick response to work orders, attention to detail and close coordination with City staff.

**ENHANCING THE  
SOUTH FLORIDA  
INFRASTRUCTURE FOR  
OVER 37 YEARS**

The ADA Team thanks you for the opportunity to present its experience, capacity, qualifications and commitment. We know our team offers unparalleled expertise, and we look forward to serving the City of Pembroke Pines on this important contract.

Sincerely,

**A.D.A. ENGINEERING, INC.**

*Ivette O. Argudin*  
Ivette O. Argudin  
Executive Vice President

## TAB 2 – STANDARD FORM 330 (PARTS I AND II)





## TAB 2 – STANDARD FORM 330 (PART I SECTION A-D)

2

## ARCHITECT – ENGINEER QUALIFICATIONS

## PART I – CONTRACT SPECIFIC QUALIFICATIONS

## A. CONTRACT INFORMATION

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

Professional Services Providers (Architectural, Engineering, Surveying &amp; Mapping), Pembroke Pines, FL

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

06/26/2018

RFQ # PSEN-18-02

## B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Ivette O. Argudin ■ Executive Vice President

5. NAME OF FIRM

A.D.A. Engineering, Inc.

6. TELEPHONE NUMBER

7. FAX NUMBER

8. E-MAIL ADDRESS



(305) 551-4608

(305) 551-8977

iargudin@adaeng.net





## C. PROPOSED TEAM

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

(Check)	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
<input type="checkbox"/> PRIME <input type="checkbox"/> J-V PARTNER <input type="checkbox"/> SUBCONTRACTOR	a. ■  A.D.A. Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	8550 NW 33 Street Suite 202 Doral, FL 33122	■ General Civil and Environmental Engineering Services ■ Electrical Engineering Services ■ FDOT Roadway Engineering Services <ul style="list-style-type: none"> <li>○ 3.1 Minor Highway Design</li> <li>○ 3.2 Major Highway Design</li> <li>○ 7.1 Signal, Pavement Marking and Channelization</li> <li>○ 7.2 Lighting</li> <li>○ 7.3 Signalization</li> <li>○ 10.1 Roadway Construction Engineering Inspection</li> <li>○ 10.3 Construction Materials Inspection</li> </ul>
	b. ■  A.D.A. Engineering, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1800 Old Okeechobee Road Suite 202 West Palm Beach, FL 33409	■ General Civil and Environmental Engineering Services ■ Electrical Engineering Services ■ FDOT Roadway Engineering Services <ul style="list-style-type: none"> <li>○ 3.1 Minor Highway Design</li> <li>○ 3.2 Major Highway Design</li> <li>○ 7.1 Signal, Pavement Marking and Channelization</li> <li>○ 7.2 Lighting</li> <li>○ 7.3 Signalization</li> <li>○ 10.1 Roadway Construction Engineering Inspection</li> <li>○ 10.3 Construction Materials Inspection</li> </ul>

## TAB 2 – STANDARD FORM 330 (PART I SECTION A-D)

2

c.	 <b>A.D.A. Engineering, Inc.</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2023 1st Avenue N St. Petersburg, FL 33713	<ul style="list-style-type: none"> <li>■ General Civil and Environmental Engineering Services</li> <li>■ Electrical Engineering Services</li> <li>■ FDOT Roadway Engineering Services               <ul style="list-style-type: none"> <li>○ 3.1 Minor Highway Design</li> <li>○ 3.2 Major Highway Design</li> <li>○ 7.1 Signal, Pavement Marking and Channelization</li> <li>○ 7.2 Lighting</li> <li>○ 7.3 Signalization</li> <li>○ 10.1 Roadway Construction Engineering Inspection</li> <li>○ 10.3 Construction Materials Inspection</li> </ul> </li> </ul>
d.	 <b>BCC Engineering, Inc.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	6401 SW 87th Avenue Suite 200 Miami, FL 33173	<ul style="list-style-type: none"> <li>■ General Civil and Environmental Engineering Services               <ul style="list-style-type: none"> <li>○ Traffic Operations Studies</li> </ul> </li> <li>■ FDOT Roadway Engineering Services               <ul style="list-style-type: none"> <li>○ 2.0 PD&amp;E Studies</li> <li>○ 6.1 Traffic Engineering Studies</li> <li>○ 6.2 Traffic Signal Timing</li> </ul> </li> </ul>
e.	 <b>GSLA Design, Inc.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	17670 NW 78th Avenue Suite 214 Miami, FL 33015	<ul style="list-style-type: none"> <li>■ FDOT Roadway Engineering Services               <ul style="list-style-type: none"> <li>○ 15.0 Landscape Architect</li> </ul> </li> </ul>
f.	 <b>McLaughlin Engineering Co.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	1700 NW 64th St Suite 400 Ft. Lauderdale, FL 33309	<ul style="list-style-type: none"> <li>■ General Civil and Environmental Engineering Services               <ul style="list-style-type: none"> <li>○ Land Surveying</li> <li>○ Land Planning</li> </ul> </li> </ul>
g.	 <b>Manuel G. Vera &amp; Associates, Inc.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	13960 SW 47th Street Miami, FL 33175	<ul style="list-style-type: none"> <li>■ FDOT Roadway Engineering Services               <ul style="list-style-type: none"> <li>○ 8.1 Control Surveying</li> <li>○ 8.2 Design, Right of Way and Construction Survey</li> <li>○ 8.4 Right of Way Mapping</li> </ul> </li> </ul>

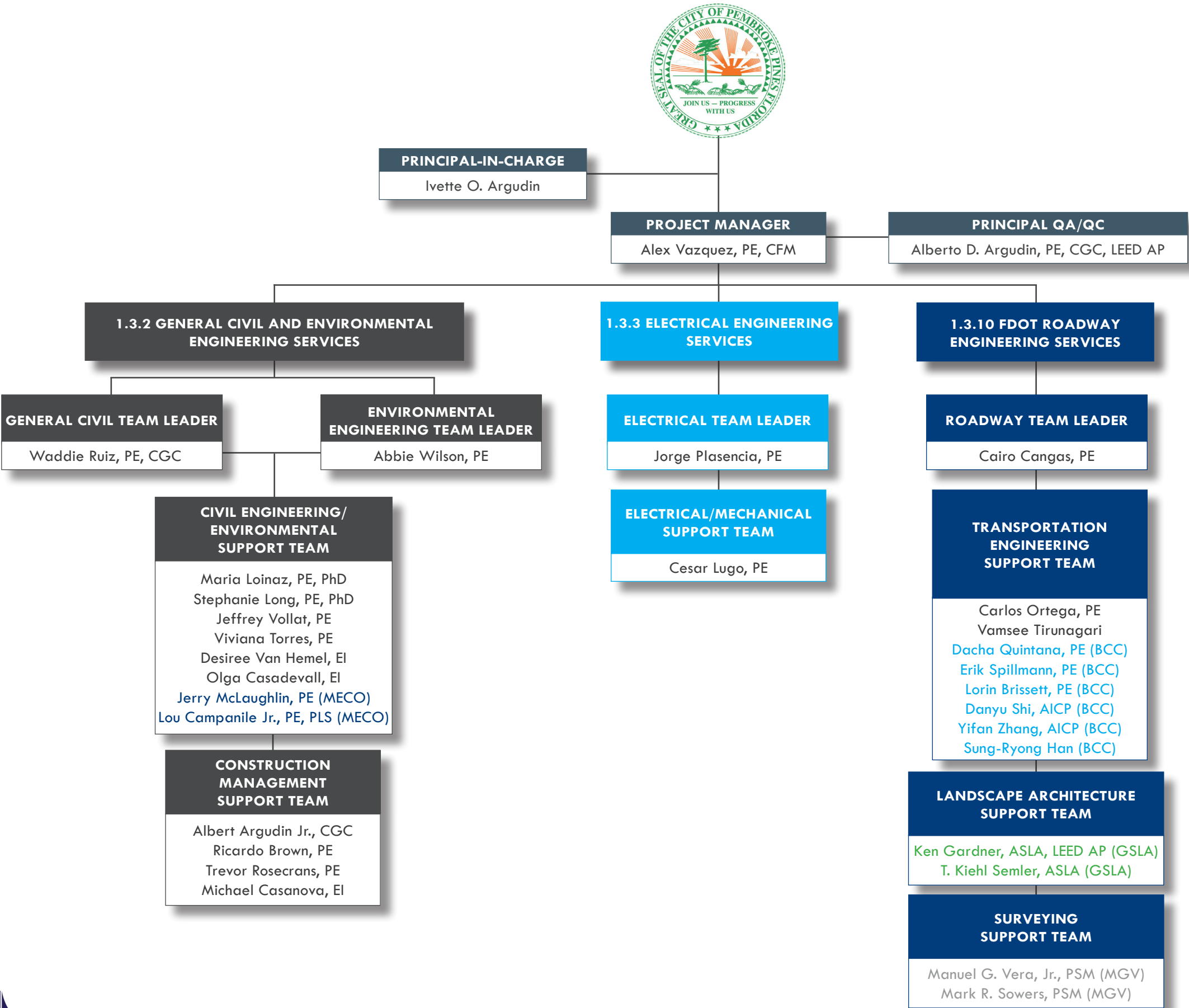
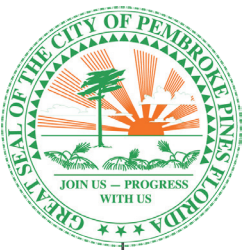
## D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (REV. 8/2016)

TAB 2 – STANDARD FORM 330 (PART I SECTION D) ORGANIZATIONAL CHART



**A.D.A. ENGINEERING, INC.**

- ✓ 1.3.2 General Civil and Environmental Engineering Services
- ✓ 1.3.3 Electrical Engineering Services
- ✓ 1.3.10 FDOT Roadway Engineering Services
  - 3.1 Minor Highway Design
  - 3.2 Major Highway Design
  - 7.1 Signal, Pavement Marking and Channelization
  - 7.2 Lighting
  - 7.3 Signalization
  - 10.1 Roadway Construction Engineering Inspection
  - 10.3 Construction Materials Inspection



**BCC ENGINEERING, INC. (BCC)**

- ✓ 1.3.2 General Civil and Environmental Engineering Services
  - Traffic Operations Studies
- ✓ 1.3.10 FDOT Roadway Engineering Services
  - 2.0 PD&E Studies
  - 6.1 Traffic Engineering Studies
  - 6.2 Traffic Signal Timing



**GSLA DESIGN, INC. (GSLA)**

- ✓ 1.3.10 FDOT Roadway Engineering Services
  - 15.0 Landscape Architect



**MANUEL G. VERA & ASSOCIATES, INC. (MGV)**

- ✓ 1.3.10 FDOT Roadway Engineering Services
  - 8.1 Control Surveying
  - 8.2 Design, Right of Way and Construction Survey
  - 8.4 Right of Way Mapping



**MCLAUGHLIN ENGINEERING CO. (MECO)**

- ✓ 1.3.2 General Civil and Environmental Engineering Services



## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

2

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Ivette O. Argudin	Principal-in-Charge	41	37
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)			
B.B.A., Management			
17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Memberships – US Women's Chamber of Commerce, Miami-Dade A/E Society Board Member, Miami-Dade County SBE A/E Advisory Board Vice-Chair			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Construction Management Services for South Miami Heights Water Treatment Plant (SMHWTP), Miami-Dade Water and Sewer Dept. (WASD), Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2011	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Ms. Argudin was the Principal-in-Charge for this project. This contract was one of the many initiatives to achieve the Miami-Dade County's 23-year plan to improve water quality and serve the continued population growth in the southern portion of Miami-Dade County. ADA provided construction management services for a 5 MGD water reservoir, high service pump station, post treatment chemicals, electrical rooms, generators and building structures with a total anticipated construction cost of over \$30 million. The project also consisted of backfilling a finger canal and construction of an injection well and various test wells.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Miami Miscellaneous Civil Engineering Continuing Services, Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Ms. Argudin was the Principal-in-Charge for this project. ADA's tasks included planning and design services, programming, surveying, geotechnical, feasibility studies, options evaluations, public meetings, detailed facility assessments, recommendations, cost estimates, opinions of probable construction cost, preparation of bid/construction documents, review of work prepared by sub-consultants, field investigations/observations, construction contract administration, as-built documentation, and other related services as needed to complete the projects. She has been instrumental in managing ADA's 15-year tenure with the City.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	General Engineering Services New Initiatives Contract, South Florida Water Management District (SFWMD), Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As the Principal-in-Charge, Ms. Argudin coordinates with staff to ensure that resources were adequately assign to each executed work order. She is also responsible for all contractual processes and oversees staff working at the SFWMD office.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Federal Emergency Management Agency (FEMA) Master Consultant, Miami-Dade County Dept. of Environmental Resources Management (DERM), Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Ms. Argudin was the Principal-in-Charge for the DERM, FEMA+DORM Master Consultant Services Contract. As one of the Program Managers, ADA oversaw and coordinated the work of engineering, geotechnical, inspectors, surveying consultant, and contractors involved in this Canal, Roadway and Drainage Restoration Program. Ms. Argudin oversaw the contract administrative process and maintained the level of communication for all key personnel. She was instrumental in establishing the program's document control system. Ms. Argudin was responsible for ensuring all necessary resources were available to successfully manage the project. In addition, she was instrumental in negotiations with consultants to ensure cost effectiveness of the contract.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miami-Dade Solid Waste District Project, Miami-Dade County Solid Waste Management, Miami-Dade County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	For this project, Ms. Argudin was responsible for coordinating the field survey personnel with Bell South to locate the telephone duct bank for the Metro-Dade Solid Waste District Project. Other responsibilities included assisting County staff in the editing of surveys and coordinating with data processors. In addition, Ms. Argudin oversaw a staff of 15, including field personnel, and coordinated with the field staff of other consultants.		

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Disciplines



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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

2

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Alex Vazquez, PE, CFM	Project Manager	33	18
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Science – Civil Engineering		Florida – Professional Engineer; Georgia – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – Certified Floodplain Manager; Advanced Work Zone Traffic Controls; FDOT Plans and Specification Preparation; ICPR Version 3 & 4; HEC-RAS; MIKE SHE/MIKE 11; XP-SWMM			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miscellaneous Professional Services Contract – City of Lauderhill / Lauderhill, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	ADA has held four (4) past consecutive Miscellaneous Professional Services contracts for the City of Lauderhill. Mr. Vazquez was the Project Manager for the last three contracts and is the Project Manager under the current contract. Under these contracts, Mr. Vazquez has led a wide-variety of projects as Project Manager, Lead Design Engineer, and Engineer of Record. Sample projects have included canal bank assessment and stabilization, Stormwater Master Plan Update, design and permitting of drainage improvement projects, roadway widening and signalization improvements, and water main replacement projects.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Roadway / Traffic Engineering Services Contract– Town of Davie / Davie, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	ADA has held two (2) past consecutive Roadway / Traffic Engineering Services contracts for the Town of Davie. Mr. Vazquez was the Project Manager for the last contract and is the Project Manager under the current contract. Under these contracts, Mr. Vazquez has led a wide-variety of projects as Project Manager, Lead Design Engineer, and Engineer of Record. Sample projects have included design and construction of community parks, culvert replacement projects, development of Pavement Management Master Plan, and pedestrian/equestrian crossings.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Districtwide Drainage & Plans Review Consultant Services - Florida Department of Transportation, District 6 (FDOT D6) / Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	ADA has held five (5) past consecutive Districtwide Drainage & Plans Review Consultant Services contracts for FDOT D6. Mr. Vazquez was the Project Manager for the last four contracts and is the Project Manager under the current contract. The assignments associated with this project involve all aspects of drainage analysis, design and permit review services; retrofitting existing drainage systems; permit compliance; hydrologic/hydraulic modeling; bridge hydraulics; scour analyses; retention/detention pond, exfiltration trench, and drainage well analysis and design; drainage studies; and urban & rural drainage system design.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	General Engineering & Architectural Services Consultant – City of Doral / Doral, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	ADA has held three (3) past consecutive General Engineering & Architectural Services Consultant contracts for the City of Doral. Mr. Vazquez was the Project Manager for the last two contracts and is the Project Manager under the current contract. Under these contracts, Mr. Vazquez has led a wide-variety of projects as Project Manager, Lead Design Engineer, and Engineer of Record. Sample projects have included canal bank assessment and stabilization, Stormwater Master Plan Update, design and permitting of drainage improvement projects, and roadway widening and signalization improvements. For the Fiscal Years 1 and 2 canal bank stabilization project, the project was awarded the 2014 American Public Works Association Project of the Year Award.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	General Engineering Services Contract – Village of Pinecrest / Pinecrest, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Vazquez is currently the Project Manager for this contract. Sample projects Mr. Vazquez has led as Project Manager include the SW 70th Avenue Roadway Widening and the C100-1DNE Basin Drainage Improvements, canal bank stabilization projects, Coral Pine Park containment berm and parking lot drainage improvements design and permitting, SW 112th Street drainage improvements design and permitting, SW 67th Avenue and SW 136th Street signalization improvements design and permitting, and Stormwater Master Plan update.		

STANDARD FORM 330 (REV. 8/2016) PAGE 2

Disciplines



Firm



## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

2

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Alberto Argudin, PE, CGC, LEED AP	Principal QA/QC	A. TOTAL	B. WITH CURRENT FIRM
		41	37
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Civil Engineering		Florida – Professional Engineer; Florida – Certified General Contactor Florida – Certified Engineering Contractor	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – LEED Accredited Professional, FDOT QC Manager, FDOT CTQP Maintenance of Traffic, FDOT Adv. Workzone Traffic Control, CTQP Asphalt Paving Levels 1 & 2			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	San Marco Island Drainage Pump Station and Storm Sewer System, City of Miami Capital Improvements Program, City of Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	As part of the General Construction Engineering Observation Contract with the City of Miami, ADA provided staff to observe and document the construction of a new stormwater pump station with drainage wells and an overflow outfall to Biscayne Bay. The stormwater system also included French drains and gravity storm sewers. Roadway reconstruction was also included in the project scope. Mr. Argudin was the Principal-in-Charge on this contract and was responsible for managing the ADA staff, attending coordination meetings with the City, Contractor, and design professionals.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Silver Bluff Roadway and Drainage Improvements, City of Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	The scope of work consisted of drainage improvements such as drainage wells, exfiltration trenches, and associated drainage structures to mitigate the flooding. Roadway improvements consisted of roadway reconstruction, milling and resurfacing, new concrete type F curb, Americans with Disabilities Act compliant pedestrian ramps, swale rehabilitation (regrading and paving/ sodding of adjacent areas), utility coordination, and pavement markings. Mr. Argudin was the Project Manager for this project and was responsible for overseeing the design and ensuring deliverable milestones were met.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	West Fairview Street Joint Participation Agreement, City of Miami Capital Improvements Program, Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	This project was a Joint Participation Agreement between the City of Miami and Miami-Dade Water and Sewer Department. ADA provided design services for roadway and drainage improvements as well as a new 8" DIP water main for the project limits consisting of West Fairview Street, East Fairview Street and South Bayshore Lane. The roadway improvements included roadway reconstruction, new pavement markings, new concrete curb, replacement of damaged curbs and replacement of damaged sidewalk. The drainage improvements consisted of the installation of 2 in line valves in the existing outfalls to mitigate tidal flooding, replacement of an existing drainage collection system with a continuous, water-tight collection system and lining a portion of the existing drainage system. Mr. Argudin was the Project Manager on this project and was responsible for completing the design on time and within budget.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Master Plan & Roadway Reconstruction/Widening for 97th Ave. from SW 72nd St. to SW 40th St., Miami-Dade County Public Works, Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. Argudin was the Principal-in-Charge for this project and oversaw the Master Plan and design improvements to the existing urban facility to include 4 through lanes, in addition to exclusive left turn lanes at major intersections, a new positive drainage system (self-contained designed for a 10-year rainfall event), street lighting and traffic signal design for three major intersections, and flashing beacons for two school crossings. He also managed the transition of PMs throughout the duration of the contract.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Sunny Isles Causeway Roadway Project, Florida Dept. of Transportation, Sunny Isles, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. Argudin was responsible for drainage design for the Sunny Isles Causeway project. The drainage system included a combination of French drains and weir structures to control the runoff disposal through sensitive mangrove areas.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Waddie Ruiz, PE, CGC	General Civil Team Leader	20	13
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Civil Engineering		Florida – Professional Engineer; Puerto Rico – Professional Engineer Florida – Certified General Contactor	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – Advanced Work Zone Traffic Controls (FDOT), Asphalt Paving Level I/II (CTQP), OSHA 10/30, Construction Industry FDEP Stormwater Erosion and Sedimentation Control			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	South Bayshore Lane/Fairview Street (East/West) Roadway and Drainage Improvements, Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project scope included assessing the existing conditions and providing drainage design to mitigate the existing flooding. A continuous, water tight drainage system including black flow preventers was designed as well as roadway reconstruction. The 3 roadways are being raised approximately 4 – 6 inches. Mr. Ruiz was the Engineer of Record for this project.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Streetscape Improvements, City of Miami Capital Improvements Program (CIP), City of Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	ADA was selected to provide civil design services for the improvements of the City's Right of Way in designated residential areas. These improvements included milling and resurfacing, new pavement markings, ADA accessible ramps, sidewalk replacement and swale restoration. Mr. Ruiz was the Engineer of Record and was responsible for the roadway design, permitting and post design services.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Civil Sanitary Sewer Lift Station for New Frost Museum of Science, Rodriguez & Quiroga, Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Ruiz was responsible for the design of the water and sanitary improvements. The sanitary system included a new lift station as well as a gravity system comprised of both 10" and 12" C-900 pipe. The water distribution system included a 12" DIP water main as well as fire hydrants and a backflow preventer. He also performed the permitting and post design services consisting of shop drawing review, periodic inspections and certification of both the water and sanitary improvements.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	1510 to 1544 Normandy Dr. & 1515 to 1600 71st St. Drainage Improvements, Florida Dept. of Transportation (FDOT), District 6, Miami Beach, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As the Engineer of Record for this project, Mr. Ruiz assessed the existing drainage conditions of the project area and designed the modifications to the existing drainage system, roadway reconstruction, replacement of curb/gutter, sidewalks and driveways.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	District-wide Minor Projects, Florida Dept. of Transportation (FDOT), District 4, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	This contract entails the design and preparation of construction contract plans for minor projects throughout FDOT District 4 (Broward, Palm Beach, Martin, St. Lucie and Indian River Counties). As part of this contract, Mr. Ruiz prepared the TCP for the SR-7 / US-441 at Riverland Road / SW 20th St. Safety Improvements, which includes milling and resurfacing, pavement markings to incorporate a bike lane along the northbound road, signalization improvements, and compliance with the American with Disabilities Act requirements, among others.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Abbie Wilson, PE	Environmental Engineering Team Leader	A. TOTAL	B. WITH CURRENT FIRM
		12	4
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Science – Ocean Engineering		Florida – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – Drainage Design, Coastal Engineering, Stormwater Management Studies, Roadway Design, Shoreline Protection			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Terminal 4 Apron Civil Works at Fort Lauderdale-Hollywood International Airport (FLL), City of Hollywood, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
	<input type="checkbox"/> Check if project performed with current firm		
	Ms. Wilson was the Drainage Engineer for the Broward County Aviation Dept. (BCAD) Airport Expansion Program (AEP) for the Expansion of Runway 9R/27L, Terminal 4 Gate Replacement, and Enabling Projects. Ms. Wilson provided preliminary engineering, final design services, construction bid documents and permitting services with South Florida Water Management District (SFWMD) and the Broward County Environmental Protection & Growth Management Division (BCEPGMD). The project included updating the ICPR master stormwater model for the entire airport in conjunction with simultaneous adjacent design projects, site civil design, cost estimations, and shop drawing review.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	I-95 Phase 3 Corridor Design Consultant, Florida Dept. of Transportation, FDOT District 4 (Broward and Palm Beach Counties), FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
	<input type="checkbox"/> Check if project performed with current firm		
	For this I-95 Express Phase 3 project, Ms. Wilson was a Drainage Engineer. She provided drainage services including the design and conceptual permitting of stormwater management facilities and bridge hydraulics reports for the development of a RFP, as well as associated backup information to support the procurement of anticipated Design-Build or Design-Build-Finance contracts. The project involved implementation of an HOV to HOT conversion for I-95 in southeast Florida from Sterling Road (Broward County) to Linton Blvd. (Palm Beach County).		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SR-A1A (Flagler Memorial Bridge) Design Build from Olive Ave. to Coconut Row, Florida Dept. of Transportation (FDOT), FDOT District 4, Palm Beach County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2012	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
	<input type="checkbox"/> Check if project performed with current firm		
	Ms. Wilson was a Drainage Designer for the construction of the replacement of the existing Flagler Memorial Bridge on SR-A1A in Palm Beach County. Ms. Wilson performed drainage analysis with ICPR for the design of exfiltration trenches, pipe sizes, and inlet placement. Ms. Wilson's tasks and components during the construction phase included: review of shop drawings, review and response to Requests for Information (RFIs), Field Reviews, and Coordination with Design Build client and owner representatives.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Drainage Design for NW 47th Ave., Florida Dept. of Transportation, FDOT District 6, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	Ms. Wilson was a Lead Project Engineer for this project. Ms. Wilson designed drainage improvements along NW 47th Ave. as part of the roadway design improvements being implemented by FDOT design staff. In addition, she used the conceptual ICPR model developed as part of the PD&E study and the latest existing information available for the project to determine the hydraulic capacity of the existing drainage systems and verifying pre-development runoff rates. The analysis of the hydraulic capacity of the existing drainage systems was performed with ICPR, using the criteria outlined in the ICPR Applications Manual (ICPR-AM). As part of this contract, Ms. Wilson also revised the Bridge Hydraulic Report (BHR) developed as part of the PD&E study to incorporate applicable changes to the proposed bridge design concept. Ms. Wilson worked with the FDOT staff to obtain all SFWMD, USACE Dredge/Fill, DRER, and SBDD Permits for this project.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	District-wide NDPES Push Button Technical Consultant & GIS Services, Florida Dept. of Transportation (FDOT), FDOT District 6, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	Ms. Wilson is currently the Lead Project Engineer for the Districtwide NPDES Push Button Technical Consultant & GIS Services contract for FDOT District 6. The objective of this contract is to assist and address drainage issues identified by the FDOT Maintenance Office (MO), maintenance yards, local municipalities, general public, and directly from the FDOT Director's Office.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Maria Loinaz, PE, PhD	Senior Water Resources Engineer	A. TOTAL	B. WITH CURRENT FIRM
		21	5
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Tampa Bay, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Ph.D., Environmental Engineering		Florida – Professional Engineer	
M.E., Environmental Engineering			
B.A., Environmental Studies			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Memberships – American Water Resources Association, Florida Stormwater Association, Florida Water Environment Association.			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Delray Beach Stormwater Management Master	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Ms. Loinaz is assisting in the development of the hydrologic/hydraulic models and provides review and support to the modeling team. The goal of the Stormwater Master Plan Update is to create a plan to address water resource issues and problems within the City of Delray Beach. These include drainage problems, street flooding, tidal flooding, inadequate infrastructure, stormwater quality and recharge as well as other stormwater related issues. ADA is conducting a review of the City's drainage infrastructure by evaluating the adequacy and condition of the drainage facilities, determining of the Level of Service (LOS) for flood protection for the city's sub watersheds, identifying water resource and drainage issues/problems, and identifying and defining solutions. To assess the LOS under existing and future infrastructure, 2-dimensional hydrologic/hydraulic models are being developed for several of the identified problem areas of the City using ICPR4. The LOS is being determined for the minor, secondary and primary road systems as well as for buildings based on finished floor elevations by simulating different design storms. Maps are being generated showing the locations of areas of non-compliance. A sea level rise assessment will be conducted to reflect a timeframe of 30 to 50 years into the future. A version of the model will be created to reflect the changes associated the higher sea level, including changes in boundary conditions and soil storage. In addition, a water quality is being conducted based on the existing infrastructure (swales and exfiltration trenches) and SFWMD ERP permits and areas will be identified where water quality improvements are recommended.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	EAA Storage Reservoir and Treatment Wetlands Feasibility Study, J-Tech, South Florida Water Management District (SFWMD), Everglades Agricultural Area (EAA), FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	For this contract, Ms. Loinaz served as the Project Manager & Lead Hydrologic/Hydraulic Modeler. The project evaluated alternatives for the construction of the A-2 reservoir in the Everglades Agricultural Area with a storage capacity of 240,000 ac-ft and a 6,500-acre Stormwater Treatment Area. Surface water models were developed to perform hydraulic design calculations associated with sizing of the reservoir inflow and outflow canals, seepage canals, and control structures. In addition, a groundwater model coupled to a surface water model was developed to predict the potential groundwater seepage impacts of the reservoir into the adjacent lands. Several seepage management alternatives that included various depths of a seepage cutoff wall, seepage canal depths, as well as operational levels were evaluated to find optimal and cost-effective solutions.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Flood Protection Level of Services for Basins C7, C8 and C9: Identification and Mitigation of Sea Level Rise Impacts, South Florida Water Management District (SFWMD), Miami-Dade County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	For this contract, Ms. Loinaz served as the Project Manager & Lead Hydrologic/Hydraulic Modeler. This project involved the development of sea level rise scenario evaluations using a modified version of the Miami-Dade County XP-SWMM models. The model scenarios included predicted sea level rise tidal boundaries developed by SFWMD methodologies and predicted groundwater changes by the USGS for three sea level rise projections and four design storm events. Numerous hydraulic performance measures were evaluated, including a GIS analysis of the subbasins Level of Service (LOS) under current conditions and future sea level rise conditions. The model was used to evaluate various alternatives to mitigate the impact of sea level rise under design storm event conditions.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	South Area Drainage Assessment, Broward County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2005	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	As this project's Hydrologic/Hydraulic Modeler, Ms. Loinaz worked on the development and calibration of an integrated surface water-groundwater model for southern Broward County. The model has been used to evaluate the level of flood protection in response to proposed surface water system modifications including surface water system modifications, increased utilization of existing storage capacity, and conveyance modifications within the existing storm water management system		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Broward County Integrated Water Resources Management Master Plan, Broward County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
		2009	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	This project included the development of a baseline integrated surface and groundwater model of Broward County, FL. The model was used to evaluate alternative water resource projects intended to improve use of available surface water and Biscayne Aquifer groundwater resources. The Broward County Floridian aquifer model is used to evaluate use of the Floridian aquifer to reduce the County's dependence on surface water and Biscayne Aquifer water sources. Modeling results are used to develop an integrated water resources management master plan for Broward County to plan future capital improvement projects.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Stephanie Long, PE, PhD	Project Engineer	A. TOTAL	B. WITH CURRENT FIRM
		10	4
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Tampa Bay, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Ph.D., Geoscience		Florida – Professional Engineer	
M.S., Environmental Engineering			
Bachelor of Science, Civil Engineering			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Training – Environmental Engineering, Water Resources Engineering, Hydrologic Modeling, Remote Sensing, GIS Mapping			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Basin Storage Study for the North 1 and North 2 Utilities Expansion, Tetra Tech, City of Cape Coral, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	As the Project Engineer, Ms. Long utilized a previously developed MIKE SHE/MIKE 11 model of the Charlotte Harbor – North Caloosahatchee River Basin (CH-NCRB model) to optimize irrigation pumping schedules for the City of Cape Coral given future expansion of the irrigation utility. In addition, the model was used to determine the optimal implementation strategy for proposed water control structures under existing and future conditions.	
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Joint Use Agreement with Florida Dept. of Transportation (FDOT) for Segments 3 and 4 of SR-82, AIM Engineering, Lehigh Acres, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	As ADA's Project Manager, Ms. Long updated an existing MIKE SHE/MIKE 11 model of LA-MSID (Lehigh Acres – Municipal Services Improvement District) with focus on the southern basins that receive discharge from the bordering SR-82. Expansion of SR-82 will cause additional run-off volumes, so various proposed simulations were run to determine if the major canals can receive the additional run-off during a 25-yr design storm event.	
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Hydraulic Modeling in Support of ERP Application for Weir 29 Improvements, City of Cape Coral, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Ms. Long updated an existing MIKE SHE/MIKE 11 model of portions of Charlotte and Lee County, focusing on the Yellow Fever Creek watershed and the City of Cape Coral. Detailed information was added to the model to better represent structures and channel dimensions in the Yellow Fever Creek watershed and its contributing basins. The updated model was calibrated, design storms were simulated, and areas of flooding were identified. The model results were processed to determine the optimal design for the proposed Structure 29.	
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Cape Coral Stormwater Master Plan, AIM Engineering, City of Cape Coral, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	As ADA's Project Engineer, Ms. Long updated an existing MIKE SHE/MIKE 11 model of portions of Charlotte and Lee County, focusing on the Charlotte Flatwoods area and the City of Cape Coral. She added detailed information to the model to better represent Cape Coral hydraulic control structures, water supply withdrawal pump stations, and canal dimensions. The updated model was calibrated, design storms were simulated, and areas of flooding were identified. The model results were processed to determine the miles of flooded roads for existing and proposed conditions.	
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	LA-MSID Stormwater Model Update, Lehigh Acres, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	For this project, Ms. Long developed and calibrated a MIKE SHE/MIKE 11 model for Lehigh Acres Municipal Services Improvement District to assist with the design and operation of various proposed storage improvements.	

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jeffrey Vollat, PE	Senior Project Engineer	A. TOTAL	B. WITH CURRENT FIRM
		17	8
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (West Palm Beach, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Science – Civil Engineering		Florida – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Memberships – American Society of Civil Engineers, American Public Works Association			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	G-58 Gate Replacement and Refurbishment / Arch Creek Drainage Culvert Maintenance Project, South Florida Water Management District / Florida Dept. of Transportation, Palm Beach County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2015	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Maintenance, Repair, Replacement, and Rehabilitation (OMRR&R) contract with the South Florida Water Management District (SFWMD), the ADA design team worked on the replacement of four slide gates, a new marine headwall, a new control / generator building, the addition of two stilling well structures, and associated electrical improvements. This project also involved a joint partnership (Locally Funded Agreement) with Florida Department of Transportation (FDOT) for the slip-lining of the four large culverts (three 72" diameter and one 60" diameter). As ADA's Project Manager, Mr. Vollat led the full design and dual project management (SFWMD + FDOT) of the repair and infrastructure work. Careful consideration had to be taken regarding construction sequencing. Numerous coordination meetings were required to ensure all stakeholders interests were being satisfied by the project. FDOT was the lead agency procuring a contractor for the construction. This meant SFWMD plans had to be translated into FDOT format: standard pay items, technical special provisions, microstation instead of AutoCAD, etc. so that the project could be advertised and bid accordingly.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Lyons Road 20" Reclaimed Watermain Extension from W. Atlantic Ave. to Hyder PUD, Palm Beach County Water Utilities Dept. (PBCWUD), Palm Beach County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	Pending
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. Vollat served as ADA's Project Manager and Lead Design Engineer for this project. This project entailed designing 8,000 linear feet of 20" DIP reclaimed watermain, 2,500 linear feet of 12" DIP watermain, and 150 linear feet of 8" DIP forcemain. Two aerial crossings over the LWDD L-35 and L-36 canals were required, as well as coordination with numerous private developers adjacent to the project. Coordination with proposed cross-drains was required between ADA and another engineering firm that was simultaneously designing roadway widening plans for Lyons Road from 2 lanes to 4 lanes.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	South County Water Services Replacement Project – Phase III, Palm Beach County Water Utilities Department (PBCWUD), Boca Raton, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. Vollat served as the Project Manager and Lead Design Engineer for this project. This project entailed replacing approximately 376 water service lines, 1,750 linear feet of 4-inch AC water main and 7,300 linear feet of 6-inch AC water main with all fittings and appurtenances in 3 separate residential neighborhoods along Lyons Road in southwest and northwest Boca Raton, Florida. The new watermain route was carefully chosen under the sidewalk to avoid existing facilities such as mailboxes and power poles.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	8" Wastewater Force Main Replacement Project – Jog Road from LWDD L-35 Canal to Monaco Blvd., Palm Beach County Water Utilities Department (PBCWUD), Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	As the Engineer of Record for this project, Mr. Vollat designed the replacement of an existing 8" PVC force main that serves as the effluent flow from Lift Station 0332. This line leads underneath Jog Road from west to east encased in 20" Ductile Iron Pipe (DIP). This stretch of pipe that leads north to the LWDD L-35 Canal junction had leaking problems. Approximately 200 linear feet of 8" high density polyethylene (HDPE) pipe was proposed to replace the existing pipe that was grouted and abandoned in place. Open cut across Jog Road was required to install this forcemain.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SR-847/NW 47th Ave. and C-9 Canal Bridge Hydraulic Report, Florida Dept. of Transportation (FDOT), FDOT District 6, Miami-Dade County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		

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As part of the Planning, Design and Environmental (PD&E) phase of this project, Mr. Vollat performed hydrologic, hydraulic, and scour analyses in HECRAS software to serve as the basis for producing a Bridge Hydraulic Report. This project involved the widening of NW 47 Ave. from NW 183 St. to NW 215 St. in Miami-Dade County. A portion of the roadway crosses the Snake Creek, or C-9, Canal. A model was run for both the existing and proposed conditions of the bridge crossing to determine the effect on peak stages and peak flow during the 50-year, 100-year, and 500-year storm events. A scour analysis was performed to determine the expected depth of scour at proposed piers and abutments. The purpose of the report was to document whether vertical and horizontal clearance criteria would be met for the proposed bridge widening, and whether expected scour would be within reasonable limits to move forward with detailed design.

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Viviana Torres, PE	Civil Engineer	10	1
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
M.S. – Environmental Engineering		Florida – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – OSHA 40-hour HAZWOPER, OSHA 30-hour Construction & Safety OSHA 30-hour General Industry.			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Conceptual Design Report for Improvements to the Central District Wastewater Treatment Plant (CDWWTP), Miami-Dade Water and Sewer Dept. (WASD), Miami, FL.	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As a Project Engineer, Ms. Torres coordinated the conceptual yard piping layout for the improvements required to the CDWWTP under the Ocean Outfall Legislation (OOL) Program. The coordination required site visits and as-built analysis, as well as coordination with other design teams and the client. The project consisted of the development of the conceptual design of the CDWWTP upgrades to provide service through 2035 based on the current OOL Program's projections of future flow, capacity, and regulatory needs.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Consent Decree Projects 5.18 (1), (3), (4) and (5) for the Upgrade to Pump Stations No. 0441, 0710, 0827 and 0852, Miami-Dade Water and Sewer Dept. (WASD), Miami, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Alongside the lead project manager for this contract, Ms. Torres assisted in addressing client comments to plans, as well as developed quantity and cost estimates and technical specifications. The projects included the design to upgrade the existing pump stations and force mains, while taking into account future system expansion or improvements, utility relocations, roadway improvements, resurfacing and other applicable MDWASD sewer main replacement criteria and standards.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Furnish and Install 72-inch PCECP Redundant Water Main, Miami-Dade Water and Sewer Dept. (WASD), Miami, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As part of the design team, Ms. Torres reviewed the condition of the existing PCCP main (PURE Technology Reports) and reviewed as-builts to develop utility relocations plans. Additionally, as part of this project, Ms. Torres coordinated development of Maintenance of Traffic (MOT) plans, technical specifications, and preparation and submittal of permit applications and packages. The project consisted of furnishing and installation of approximately 700 linear feet of 72-inch including fittings and appurtenances. The scope of work also included the utility relocations of an 8-inch sanitary sewer, as well as an 8-inch water main and storm sewer sections required for the installation of the new pipe 72-inch PCECP water main.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	National Pollution Discharge Elimination System (NPDES) MS4 Permit Compliance, Several Municipalities in Puerto Rico, PR	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	As a Project Manager, Ms. Torres prepared Stormwater Management Plans, administered seminars on stormwater pollution prevention practices, prepared compliance documents (such as notice of intents and stormwater pollution prevention plans, among others) for municipal facilities as part of consulting services in compliance with the Environmental Protection Agency (EPA), National Pollution Discharge Elimination System (NPDES), MS4 General Permit for Comerio, Yauco and Naranjito Municipalities in Puerto Rico.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Permitting and Environmental Evaluation for Bridge Slab Replacement and Scour Mitigation No. 1657 in Toa Alta, PR	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	Assisting the project manager, Ms. Torres was in charge in preparing the design criteria based on the agency requirements. She coordinated the permitting phase of the project including, preparing the Phase-I Environmental Evaluation, flowing up with sub consultants, complete permit applications, QA/QC plans and deliverable packages. Also Ms. Torres developed the phasing maintenance of traffic plans and erosion and sediment control plans.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Desiree Van Hemel, EI	Project Engineer	A. TOTAL 3	B. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (West Palm Beach, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
M.E., Environmental Engineering		Florida – Engineering Intern	
B.S., Biological Engineering			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Trainings – Biological Engineering, Water Resources Engineering, Environmental Engineering, GIS Mapping, Hydrodynamics			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Lantana Regional Airport Southside Redevelopment, Palm Beach County Dept. of Airports, Town of Lantana, FL.	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As a Project Engineer, Ms. Van Hemel supported senior engineering staff with AutoCAD drawing revisions and cost estimate quantity and unit cost verification for Phases I and II of the drainage infrastructure associated with redevelopment plans for the landside operations at Lantana Airport.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	GIS As-Built Look-Up Tool and Stormwater Masterplan Update, City of Lake Worth, FL.	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As a Project Engineer, Ms. Van Hemel supported senior engineering staff in geospatial data entry using ArcGIS software to associate as-built drawings with their locations in the city right-of ways. She attended meetings with the client throughout the process of developing the look-up tool. In addition, she adjusted the City's current storm water master shapefile with recent survey data for pipes and structures.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	West Palm Beach Field Station Culvert Replacement Project, South Florida Water Management District (SFWMD), Palm Beach County, FL.	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As Construction Manager, Ms. Van Hemel supported the SFWMD Project Manager in submittal and RFI processing. In addition, she ran bi-weekly construction progress meetings and compiled meeting minutes, performed periodic site inspections, wrote site visit reports, and coordinated other inspection services including the geotechnical inspections.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Western Basins Water Resources Evaluation Phase I, South Florida Water Management District (SFWMD), Hendry County, FL.	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As a Project Engineer, Ms. Van Hemel compiled available permitting, best management practice, and monitoring information relevant to the area of study. In addition, she developed maps and updated currently existing shapefiles using ArcGIS to illustrate the spatial availability of data within the region. Her role included attended meetings with the District and participation in site visits.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Canal Bank Stabilization Project, Coral Springs Improvement District (CSID), City of Coral Springs, FL.	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As an On-site Owner's Representative, Ms. Van Hemel conducted daily site inspections and prepared daily construction reports. Her role included coordination with the contractor and project engineers.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Olga Casadevall, EI	Project Engineer	A. TOTAL	B. WITH CURRENT FIRM
		30	12
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Civil Engineering		Florida – Engineering Intern	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	NW 33rd St. from NW 82nd Ave. to NW 79th Ave., City of Doral, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	This ADA project consisted of roadway and drainage improvements. Ms. Casadevall worked on the analysis of existing and proposed drainage systems. She also participated on the design of the proposed storm drainage system, french drain calculations, proposed driveways and roadway reconstruction.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	District-Wide Drainage Design and Plans Review Consultant Services, Florida Dept. of Transportation (FDOT), FDOT District 6, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Ms. Casadevall worked on various projects for the FDOT District 6 District-Wide Drainage and Plans Review Consultant Services Contract. Thus far, she has worked on the plans preparation for Harding Ave. (SR-A1A) Pump Station at NE 88th St. and NE 94th St. and the Collins Ave. (SR-A1A) Pump Station at 23rd Street. In addition, Ms. Casadevall has worked on the drainage design for different projects in Miami such as SW 87th Avenue and SW 104th St. Collins Ave. and 93rd St. and Tropical Villas where a system of exfiltration trenches was designed and constructed within these facilities to mitigate reported flooding. She has also been involved in the drainage analysis of existing & proposed spread along SR-847/NW 47th Ave. from NW 181st St. to Premier Parkway and SR-985/SW 107th Ave. from SW 100th Block to North of West Flagler St., as part of proposed roadway and drainage improvement projects.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Rehabilitation of Existing Wastewater 54-inch F.M. from SW 280th St. and SW 112nd Ave. to SW 248th St. and SW 107th Ave., Miami-Dade Water and Sewer Dept. (MDWASD), Miami-Dade County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	For this project, Ms. Casadevall assisted with the process of data collections, search of existing utilities, analysis of proposed layout and preparation of plans and profiles. She also participated in the design and preparation of traffic control plans and roadway restoration plans.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Pump Stations Improvements of PS0441, PS0710, PS0852 and PS0827, Miami-Dade Water and Sewer Dept.: Consent Decree PMCM Program, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	For this MDWASD project, Ms. Casadevall completed the design of new pump stations and force mains. The improvements include the rehabilitation of existing structures or installation of new wet well and valve vault, installation of new submersible pumps, and replacement of existing force mains. Ms. Casadevall also collaborated on the preparation of civil, structural and mechanical plans. In addition, Ms. Casadevall assisted in the permitting process through the Miami-Dade Water and Sewer Dept., Dept. of Public Works, Fire Department, Dept. of Health (DOH) and Dept. of Regulatory and Economic Resources.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Palm Beach International Airport (PBI) Stormwater Management Master Plan Update, Palm Beach County Department of Airports, Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	For this project, Ms. Casadevall assisted with the basin delineation process and the determination of stage area takeoffs using GIS and CAD technologies as necessary to refine the ICPR model for development of PBI's Stormwater Management Master Plan and ERP application.		

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Albert Argudin, Jr., CGC	Construction Manager	A. TOTAL	B. WITH CURRENT FIRM
		18	18
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
M.S., Construction Management		Florida – Certified General Contractor	
B.S., Exercise and Sport Sciences			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – Intermediate Work Zone Traffic Controls (FDOT), Asphalt Paving Level I/II (CTQP), QC Manager (CTQP), Florida Stormwater Erosion and Sedimentation Control (FDEP), Primavera P3E, Micro-Computer Aided Cost Estimating Second Generation (MII)			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	San Marco Island Drainage Pump Station and Storm Sewer System, City of Miami Capital Improvements Program (CIP), City of Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As part of the General Construction Engineering Observation Contract with the City of Miami, ADA provided staff to observe and document the construction of a new stormwater pump station with drainage wells and an overflow outfall to Biscayne Bay. The stormwater system also included French drains and gravity storm sewers. Roadway reconstruction was also included in the project scope. Mr. Argudin was the Project Manager on this contract and was responsible for managing the A.D.A. staff, attending coordination meetings with the City, Contractor, and design professionals, reviewing payment requests, and schedule review.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Biscayne Island Roadway and Drainage Improvements, City of Miami Capital Improvements Program (CIP), City of Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As part of the General Construction Engineering Observation Contract with the City of Miami, ADA provided staff to observe and document the construction of a new stormwater collection system. The stormwater collection system is connected to 3 outfalls which were reconstructed via pipe bursting. Roadway reconstruction and milling/resurfacing were also included in the project scope. Mr. Argudin was the Project Manager on this contract and was responsible for managing ADA staff, attending coordination meetings with the City, Contractor & design professionals, reviewing payment requests, and schedule review.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	NW 79 Ave. Traffic Signals and Roadway Improvements, City of Doral Public Works Dept., City of Doral, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	This municipal project entails the installation of three new mast arms, control cabinet, ped poles, conduits, Type F curb, pedestrian crosswalks, milling and resurfacing and pavement markings. Mr. Argudin was the Construction Manager responsible for supervising ADA's team which was comprised of a Senior Engineer and Inspector, reviewing the schedule, reviewing and approving the contractor's payment requisition, conducting progress meetings as needed and cost management for the project.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	NW 87th Ave. and NW 33rd St. Intersection Improvements, City of Doral, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Argudin was the Project Manager responsible for managing the construction of this project. His responsibilities included general administration of the construction contract, review of the baseline schedule, overseeing ADA's Inspectors, processing contractor payment requisitions, shop drawings, RFI's and project close-out. The project's scope included the widening of the roadway, new curb and gutter at the median, milling and resurfacing, striping and two new mast arms.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Sub-basin F-1 Stormwater Improvements, City of Doral Public Works Dept., City of Doral, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	This municipal project entailed the installation of a new drainage collection system, which is comprised of both French drain and solid pipe, on various streets within the Vanderbilt Community. The drainage was installed in the roadway and subsequently was restored. ADA coordinated with the Geotech lab to determine the location of density tests, observed the tests, and subsequently reviewed the results for conformance with the specifications. Mr. Argudin was the Project Manager responsible for supervising ADA's inspector, reviewing the schedule, reviewing and approving the contractor's payment requisition, conducting progress meetings and cost management for the project.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Ricardo E. Brown, PE	Project Engineer	A. TOTAL	B. WITH CURRENT FIRM
		10	4
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (West Palm Beach, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
M.S., Civil/Water Resources Engineering		Florida – Professional Engineer	
B.S., Civil Engineering			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Memberships – National Society of Black Engineers			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Palm Beach International Airport (PBI) Culvert for Basin 4, RS&H/ Palm Beach County Dept. of Airports, Palm Beach County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As the Project Engineer for this contract, Mr. Brown designed a culvert to encase an existing canal within the active airfield. The culvert length is approximately 4,000 linear feet and required to handle aircraft loading. The challenge in this project was minimizing effects to normal airport operations by choosing construction techniques that minimizes the by-pass pumping while installing the concrete culverts.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Palm Beach International Airport (PBI) Interior Airfield Service Road, CH2M/ Palm Beach County Dept. of Airports, Palm Beach County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	Pending
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As the Engineer of Record for the drainage portion of this project, Mr. Brown accommodated a 2,800 linear-foot two-lane service roadway that will provide connectivity between Fixed Based Operators (FBO's) at the south portion of the airport to Perimeter Road. The road will be crowned with no curbing, and stormwater will be collected via catch basins in roadway swales. The system will tie into existing airport system which ultimately outfalls to the C-51 canal.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Palm Beach International Airport (PBI) Parcel I Access Roadway Design, CH2M/Palm Beach County Dept. of Airports, Palm Beach County, FL. –	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As the Engineer of Record for the drainage portion of this project, Mr. Brown accommodated a roadway extension/expansion and rehabilitation on the northeast parcel of the Palm Beach International Airport (PBI). This roadway will be the access to the airport's new hotel, Home 2 Suites and an entertainment golf driving range, Drive Shack. The road will be crowned and stormwater will be collected via catch basins from the road curbing which will lead into storm drain pipes. The system will lead into existing airport system which ultimately outfalls to the C-51 canal. The project requires extensive coordination with the roadway design team, utilities design teams, and the builders of the new facilities.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	C-44 Stormwater Treatment Area (STA) and Reservoir Project, HDR/ South Florida Water Management District (SFWMD), Indiantown, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Brown worked as a Project Engineer for the C-44 STA and reservoir project. He provided engineering services during the construction phase of the project which included the following tasks: Monitor contractor progress and adherence to plans and technical specifications; assist in shop drawing review and approval and log the documents into Primavera Expedition software; assist in contractor Requests for Additional Information (RFIs) from the client; review contractor pay applications for accuracy; review contractor as-built drawings; coordinate between Pump Station contractor, client, owner, engineer of record, and contractor to resolve overlap issues in the field; review change order requests from the contractor; and issue Field Orders as a result of unforeseen conditions at the site.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Lyons Road 20" Reclaimed Watermain Extension (RCWM) from W. Atlantic Ave. to Hyder PUD, Palm Beach County Water Utilities Dept. (PBCWUD), Palm Beach County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As the Engineer of Record for this project, Mr. Brown designed 8,000 linear feet of D.I.P. RCWM along the western right-of-way boundary of Lyons Road. Two canal crossings under the LWDD L-35 and L-36 Canals were originally proposed to be directional bored, but were later changed to aerial crossings due to coordination with another engineering firm concurrently designing the Lyons Road widening project. The scope of the project also increased to include the design of 2,000 linear feet of 12" D.I.P. potable watermain along the eastern right-of-way boundary of Lyons Road, and 150 linear feet of 8" D.I.P. forcemain crossing under Lyons Road just south of Atlantic Avenue.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Trevor Rosecrans, PE	Project Engineer	10	2
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (West Palm Beach, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Science – Civil Engineering		Florida – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Memberships – Palm Beach County Environmental Control Board, City of Boynton Beach Planning & Development Board Leadership, Palm Beach County GROW Program Coordinator			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	C-44 Stormwater Treatment Area (STA) and Reservoir Project, South Florida Water Management District (SFWMD), Indiantown, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. Rosecrans worked as a Project Engineer during the construction of 9,000-acre Stormwater Treatment Area (STA) designed to capture portions of Lake Okeechobee water releases in order to attenuate flows and clean pollution. The STA is a constructed marsh consisting of treatment cells that utilize plants to reduce sediment, phosphorus and nitrogen and clean a portion of the Lake Okeechobee water before reaching the St. Lucie Estuary.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Picayune Strand Restoration Pump Stations, US Army Corps. of Engineers/ South Florida Water Management District (SFWMD), Collier County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
	Mr. Rosecrans worked as a Senior Project Manager during the construction of three (3) large pumping stations designed to restore 57,000 acres of previously developed property in the Picayune Strand State Forrest to original pre-development conditions. The construction project consisted of three large pump stations, tie-back levees, spreader berms and canal plugs which as a system work to slow and divert water flowing through existing canals and redistribute it across the landscape in the form of a more natural sheet flow. Work was completed in an environmentally sensitive area which included endangered species habitat under regulatory protection.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miller Canal Weir #3 Replacement, South Florida Water Management District (SFWMD), City of Naples, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
	Mr. Rosecrans worked as a Senior Project Manager during construction of the upgraded replacement of the Miller Canal Weir structure. The original Miller Weir No. 3 was a fixed-crest structure constructed in the mid-1960s. The upgraded Miller Canal Weir was designed to provide upgraded flexibility to improve flood protection and increase water storage in Southwest Florida. The construction project consisted of a large cofferdam and bypass system to allow the building of the concrete structure and its three automated gates. Work was completed in an environmentally sensitive area which included endangered species habitat under regulatory protection.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Jupiter Inlet District General Engineering Services, Town of Jupiter, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
	Mr. Rosecrans worked as an Engineer and Project Manager supplying engineering design and project management services to meet the needs of the Jupiter Inlet District (JID) in its management and coordination of the Jupiter Inlet and Loxahatchee River. Services provided to the client included: permitting assistance between JID and Florida Department of Environmental Protection, U.S. Army Corps of Engineers, and U.S. Coast Guard; design specifications, bid packages, and construction administration to manage the Jupiter Inlet jetty construction and maintenance activities; Jupiter Inlet Sand Trap Maintenance Dredging and subsequent Beach Nourishment; Loxahatchee River Main Channel Maintenance Dredging; and Loxahatchee River South Channel Maintenance Dredging.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Dania Cutoff Canal Dredging Project, Florida Inland Navigation District/ Port Everglades, City of Fort Lauderdale, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
	Mr. Rosecrans worked as a Project Manager for a \$6.3 million dredge project to remove and dispose of approximately 100,000 cubic-yards of material from the Dania Cutoff Canal to increase the controlling depth from 10-15 feet. The project was completed in a very environmentally sensitive location and required coordination between Broward County, Florida Inland Navigation District, Port Everglades Authority, U.S. Army Corps of Engineers, and Florida Department of Environmental Protection.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Michael Casanova, EI	Construction Manager	A. TOTAL 4	B. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Civil Engineering		Florida – Engineering Intern	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – Asphalt Paving Technician - Level 1, Asphalt Paving Technician - Level 2			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	12-Inch Diameter Force Main, Miami-Dade Water & Sewer Dept. (MDWASD), Miami-Dade County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Casanova designed and drafted several portions of the installation of new 12" DIP FM for MDWASD. His responsibilities included: coordinating with MDWASD and other departments to design the most efficient route for the new FM, as well as avoiding both existing and proposed utilities while abiding by all standard specifications. Mr. Casanova was also responsible for the CAD drafting and complete plans preparation for submittals to the owner.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	District 3 Roadway and Drainage Improvements, City of Miami Capital Improvements Program (CIP), City of Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	This project's scope included roadway and drainage improvements for three locations within the Historic Roads area of the City of Miami. Mr. Casanova participated on multiple tasks associated with this project. The roadway surface grading was improved to provide stormwater ponding relief by utilizing both existing and new storm drain structures, as well as an additional French drain. Mr. Casanova assisted on the utility coordination, designs of drainage systems, roadway typical sections, pavement markings and the opinion of probable construction cost. In addition, he was instrumental in ensuring project milestones were met.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Upgrades to Pump Stations 0827, 0852, 0441, & 0710, Miami-Dade Water & Sewer Dept. (MDWASD), Miami-Dade County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Casanova assisted in all aspects of designing the upgrades to multiple Pump Stations for MDWASD. Using site-visit information and the as-builts of existing utilities, Mr. Casanova produced complete engineering documents detailing the demolition/refurbishment of existing Pump Station structures, upgrades to the discharge and influent pipes, relative site plans, and site restoration. Additionally, Mr. Casanova provided a detailed engineer's cost estimate, and drafted comprehensive specifications and bid quotation forms.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Utility Relocation at SR-7, Miami-Dade Water & Sewer Dept. (MDWASD), Miami-Dade County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Casanova worked on the SR-7 MDWASD utility relocation project in which his responsibilities included: aid in the design of gravity sewer and manhole locations/elevations, as well as sewer lateral placement. He also assisted in the placements of new water service connections including fire hydrants and water meters. Mr. Casanova was responsible for calculating and tabulating the quantities of all materials using the Geopack Design and Computation Manager.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	54-Inch Diameter Force Main Rehabilitation and By-Pass Force Main, Miami-Dade Water & Sewer Dept. (MDWASD), Miami-Dade County, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Casanova assisted in the design location for the proposed 54-Inch Force Main for this project. He developed and designed both plan and profile views for the proposed Force Main at the most ideal locations depending on the existing site conditions. In addition, he aided in the CAD drafting of this project, as well as prepared the entire set of plans for submittal. Mr. Casanova confirmed and inputted the locations of all existing utilities and ensured that any conflicts between the proposed pipeline and any existing utility were corrected.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jorge M. Plasencia, PE	Electrical Team Leader	A. TOTAL 19	B. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Electrical Engineering		Florida – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miami-Dade County Data Processing and Communications Center (DPCC) Cooling Tower Replacement, Miami, FL	PROFESSIONAL SERVICES 2009	CONSTRUCTION (If applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer of record for the replacement/installation of (2) 250 ton cooling towers. Responsibilities included VFD selection, power/control wiring, building management system interface, lightning protection, coordination with utilities for temporary power for portable cooling tower during construction, and construction admin.		
	<input type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Miami-Dade County 911 Call Center Lightspeed, Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 CONSTRUCTION (If applicable) 2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer of record for design of a 911 call center. Responsibilities included assessment of existing UPS and battery configuration recommendations, facility surge suppression, grounding, power/lighting design for computer rooms, power distribution for call consoles, and lightning protection and construction admin.		
	<input type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Miami-Dade County Data Processing and Communications Center (DPCC) Emergency Generator Installation, Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If applicable) 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer of record for the design and installation of a new 2MW emergency generator. Responsibilities included conduit/wiring design, fire alarm interface, building management system interface, coordination with Dept. of Environment Resource Management.		
	<input type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Roadway Enhancements, NW 56th Avenue, City of Lauderhill, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2006 CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer of record for signalization and lighting improvements along NW 56th Avenue from Oakland Park Blvd. to NW 11 St. Responsibilities included development of signalization plans, lighting voltage drop calculations, and utility coordination.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) NW 87th Avenue Improvements from NW 162nd St to NW 170th St, Miami Lakes, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2006 CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer of record for lighting and signalization improvements. Responsibilities included development of signalization plans, voltage drop and photometric calculations, and utility coordination.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Cesar D. Lugo de Jesus, PE	Mechanical Engineer	A. TOTAL	B. WITH CURRENT FIRM
		18	2
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
M.E., Environmental Engineering		Florida – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – Construction Document Technologist (CDT) by the Construction Specifications Institute			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Conceptual Design Report for the Central District Wastewater Treatment Plant, CH2M Hill, Miami-Dade Water and Sewer Dept. (MDWASD), City of Miami, FL	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Lugo served as both a Project Manager and a Mechanical Engineer for this ADA Engineering project. The project consisted of improvements to MDWASD's Central District Wastewater Treatment Plant (CDWWTP) to provide a high-level disinfection system, including new headworks, oxygenation trains, tertiary filters, injection wells and their associated pump station. Mr. Lugo's project responsibilities included: identify improvements to the existing effluent pump station at the CDWWTP, develop conceptual level yard piping, define technical requirements for ventilation and air conditioning systems, and coordinate internal resources for the other tasks in which ADA was responsible, which included civil/site and electrical distribution improvements.	
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Conceptual Design Report for Improvements to Pump Station 1073 at the South District Wastewater Treatment Plant, CH2M Hill, City of Miami, FL	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Lugo served as a Mechanical Engineer for this project. The project consisted of identifying improvements required at pump station (PS) 1073 to handle the projected 2035 peak flows. Recommended improvements included: replacing existing pumping units with higher capacity units, new electrical and control system including new variable frequency drives, modifications to the existing structure to accommodate the recommended improvements, and hardening of the existing infrastructure for the projected 2075 sea level rise. Mr. Lugo's project responsibilities included: assessment of the existing equipment, selection of new mechanical components, and coordination with the electrical and civil/site disciplines to generate the Conceptual Design Report for the project.	
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Conceptual Design Report for Improvements to Pump Station 522 at the South District Wastewater Treatment Plant, CH2M Hill, City of Miami, FL	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Lugo served as a Mechanical Engineer for this project that consisted of identifying improvements required at pump station (PS) 522 to handle the projected 2035 peak flows. Recommended improvements included: replacing existing pumping units with higher capacity units, new electrical and control system including new variable frequency drives, modifications to the existing structure to accommodate the recommended improvements, and hardening of the existing infrastructure for the projected 2075 sea level rise. Mr. Lugo's project responsibilities included: assessment of the existing equipment; selection of new mechanical components; and coordination with the electrical and civil/site disciplines to generate the Conceptual Design Report for the project.	
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Effluent Reuse Treatment System Design, Janssen Ortho, Municipality of Gurabo, Puerto Rico	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
	Mr. Lugo served as a Lead Design Engineer for this project that involved the design of the treatment system that would allow Janssen Ortho LLC, in Gurabo, Puerto Rico, to reuse the effluent of their existing wastewater treatment plant for make-up water in their cooling towers and boilers. The project included new ultra-filtration and reverse osmosis systems, along with pumping systems and ancillary equipment. Mr. Lugo's project responsibilities included: civil and mechanical design of the new treatment system; coordination with electrical, controls and structural disciplines; and evaluation of submittals and shop drawings during the construction of the project.	
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Conceptual Design Report for Improvements to Pump Station 692 at the South District Wastewater Treatment Plant, CH2M Hill, City of Miami, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Lugo served as a Mechanical Engineer for this project that consisted of identifying improvements required at pump station (PS) 692 to handle the projected 2035 peak flows. Recommended improvements consisted of: a new pump station adjacent to the existing structure to accommodate higher capacity pumps with their corresponding electrical and control system including variable frequency drives, as well as site modifications to accommodate the new structure within the existing property limits. Mr. Lugo's project responsibilities included: assessment of	

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the existing equipment; selection of new mechanical components; and coordination with the electrical and civil/site disciplines to generate the Conceptual Design Report for the project.

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Cairo Cangas, PE	Roadway Team Leader	A. TOTAL	B. WITH CURRENT FIRM
		12	4
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Science – Civil Engineering		Florida – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – FDOT LRE Training Completion, FDOT Project Mgmt. Certification, FDOT Spec. Package Prep. Training, FDOT Traffic Control Plans Adv. Cert.			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	SR-94/ SW 88th St./ North Kendall Dr. from SW 77th Ave. to SR-5/ US-1/ S. Dixie Highway, Florida Dept. of Transportation (FDOT), FDOT District 6, Miami-Dade County, FL	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
		Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Cangas is the Project Manager and EOR for this project. SR-94/SW 88th St./North Kendall Dr. is a divided, six-lane east-west corridor located in southeastern unincorporated Miami-Dade County. The road is classified as an Urban Principal Arterial. The contract includes a safety and RRR project. The limits of the safety improvements project are from SW 77th (MP 9.982) Ave. to SR-5/ US-1/ S. Dixie Hwy (MP 10.700) and the limits of RRR project are from SW 73rd Place (MP 10.249) to SR-5/US 1/ S. Dixie Hwy (MP 10.700). The scope of work includes RRR improvements, as well as intersections safety improvements requiring: access management, inside widening for positive left-turn offset, mast arm replacements, right of way coordination, signing and pavement marking upgrades, lighting improvements, and drainage improvements. Responsibilities included contract management, coordination with the Department's PM and staff, and provide assistance to the coordination efforts with the public and other stakeholders. As the EOR, Mr. Cangas is responsible for the design and development of the specification package, design packages, and roadway plans.	
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	SR-934/ E. 25th Ave./ E. 79th St. from E. 4th Ave./ NW 47th Ave. to E. 12th Ave./ NW 37th Ave. Safety Improvements, Florida Dept. of Transportation, FDOT District 6, City of Miami, FL	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
		Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Cangas is the the Project Manager and EOR for this Safety Project. The main proposed improvements included access management restriction by installing raised concrete median, converting existing permissive signalized left-turn movements to protected only and two intersections, widening toward the existing medians to provide offset distance to the left-turn lanes from the inner thru lanes at three intersections, signalization improvements (mast arm replacement, SOP design, signal loop design, new signal heads, orientation of signal heads, signage on mast arms, etc.) at four intersections, and signing and pavement markings for pedestrian safety and channelization. The project also required R/W coordination and acquisition as part of the signalization improvements. Responsibilities included coordination with the Department's PM and staff and provide assistance to the coordination efforts with the local municipality. As the EOR, Mr. Cangas is responsible for the design and development of the specification package, design packages, roadway plans, maintenance of traffic plans, and signalization plans.	
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	SR-817/ NW 27th Ave. from NW 165th St. to NW 171st Safety Improvements, Florida Dept. of Transportation (FDOT), FDOT District 6	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
		2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Cangas served as the Project Manager and Engineer of Record for this Safety Project. The main proposed improvements included milling and resurfacing the northbound and southbound approaches to the interchange to convert the innermost thru lane into a left turn lane to provide dual left-turns, installing three new standard mast arms to accommodate the required signal head alignments, access management restriction by extending traffic separators/landscaped medians, median widening to provide standard left-turn tapers and increase storage, modify overhead signing, and signing and pavement marking improvements. The project included permanent easement purchasing and maintenance map acquisition. Responsibilities included coordination with the Department's PM and staff, specifically, with the District's Traffic Operations Office. As the EOR, Mr. Cangas was responsible for the design and development of the specification package, design packages, roadway plans, and maintenance of traffic plans.	
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	SR-953/ LeJeune Road/ SW 42nd Ave. from Almeria Ave. to Majorca Ave. Safety Improvements, Florida Dept. of Transportation (FDOT), FDOT District 6, City of Miami, FL	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
		2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Cangas served as the Project Manager and EOR for this Safety Project. The main proposed improvements included access management restriction by installing raised landscaped medians, median widening to provide offset distance to left-turn lanes at one signalized intersection, replacement of four mast arms with four new standard mast arms and replacement of existing controller cabinet, drainage improvements taking into account the proposed widening, and signing and pavement markings including pedestrian warning crossing signs at crosswalks. The project	

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included license agreement, maintenance map, MMOA, DFA, and Off-System Maintenance Agreement coordination/acquisition. Responsibilities included coordination with the Department's PM and staff and provide assistance to the coordination efforts with the local municipality. As the EOR, Mr. Cangas was responsible for the design and development of the specification package, design packages, roadway plans, maintenance of traffic plans, signing and pavement marking plans, and signalization plans.

e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Three Islands Guardhouses and Traffic Calming Project - Master Plan Report, City of Hallandale Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
		2016	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	The purpose of the master report was to describe possible solutions in detail (implementation, cost, etc.) for each location. The report listed ADA's recommendations for which improvements would be most beneficial and cost-effective for the City. The main aspects ADA investigated included traffic calming, accessible crosswalks, and lighting improvements at the guardhouses. ADA identified several locations where pedestrian or motorist safety could be improved with additional pavement markings and signage, lighting, signals, drainage, or Traffic Calming Devices (TCDs). Mr. Cangas assisted with the development of the Master Plan report.		

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Carlos Ortega, PE	Engineer	12	2
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Science – Civil Engineering		Florida – Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – MOT Intermediate (FDOT), CTQP Quality Control Mgr. (FDOT), Asphalt Paving Level 1 (FDOT), 40-hour HAZWOPER Certification, FSA Stormwater Erosion & Sediment Control Inspector			
19. RELEVANT PROJECTS			
a. (1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
SR-5/US-1 Shoreline Protection, Florida Dept. of Transportation (FDOT), FDOT District 6, FL.		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
As the Project Engineer, Mr. Ortega was involved in the design of the shoreline protection from MP 113.82 to MP 113.7 along SR-5/US-1. This project entailed a solution to protect the existing fence and nutrient-berm from erosion, while avoiding disturbance to the existing mangroves. ADA developed construction drawings with the options of riprap rubble and Marine Mattress. The project warranted permitting with South Florida Water Management District (SFWMD) and U.S. Army Corps. of Engineers regulatory agencies. As part of erosion control best management practices, floating turbidity barriers were proposed and were allocated in the waterways adjacent to the 660-ft proposed work. The construction for this project commenced in March 2018 and nearing completion. ADA has performed periodic site inspections, including substantial completion walkthrough, to verify that the project is being constructed per design plans and specifications.			
b. (1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
NW 47th Ave. Drainage Design, Florida Dept. of Transportation (FDOT), FDOT District 6, FL.		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
This project consisted of the drainage design of NW 47th Ave. and was part of ADA's FDOT District 6 Districtwide Drainage Design and Plans Review Consultant Contract. The project included drainage improvements along NW 47th Ave. as part of the roadway design improvements being implemented by FDOT design staff. ADA used the conceptual ICPR model developed as part of the PD&E study and the latest existing information available for the project to determine the hydraulic capacity of the existing drainage systems and verifying pre-development runoff rates. The analysis of the hydraulic capacity of the existing drainage systems was performed with ICPR, using the criteria outlined in the ICPR Applications Manual (ICPR-AM). Mr. Ortega was a Project Engineer and involved in the design development of the drainage improvements.			
c. (1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Palm Beach International Airport (PBI) Galaxy Aviation Parcel S-5 Development, Palm Beach County Dept. of Airports, Palm Beach County, FL.		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2012	2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Mr. Ortega was a Project Engineer responsible for the design of the drainage system and water distribution and sanitary sewer system for the Galaxy Aviation Parcel S-5 development within the Palm Beach International Airport. In addition, the 4-acre apron area pavement design was a component of the site development. The proposed drainage system collected stormwater from the hangar and office building roofs via roofleaders and connected to the existing drainage system in the site. The proposed drainage was coordinated with the proposed water distribution and gravity sewer collection systems to avoid conflicts or provide a solution if conflicts were found. A 10" water main and 6" sewer laterals were provided for the hangar and office space buildings. Permitting was required with the SFWMD for an Environmental Resource Permit (ERP) Modification, Palm Beach County Building Dept., Palm Beach County Water Utilities Dept. (PBC-WUD), and FDEP for the Water and Sewer Utilities.			
d. (1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City of Parkland Holmberg Road and University Drive Milling and Resurfacing Construction Engineering Inspections, Parkland, Broward County, FL.		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
			2011
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Mr. Ortega was the CEI Inspector responsible for the daily observations of the milling and resurfacing along Holmberg Road from University Drive to Riverside Drive, and University Drive from the Sawgrass Expressway to Holmberg Road. Mr. Ortega's responsibilities included: observations of the Contractor's set-up and Maintenance of Traffic per FDOT Standards; verifying erosion control best management practices (BMPs) were implemented to protect the existing drainage system; verifying daily asphalt production (i.e. keeping track of asphalt daily tonnage tickets and tack tickets); observations of striping installed after milling and resurfacing was completed. During the construction activities, FDOT Maintenance visited the construction site periodically due to the close proximity to the Sawgrass Expressway.			
e. (1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City of Parkland Fire Station No. 109, Parkland, Broward County, FL.		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2013	2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	

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Mr. Ortega was the Project Engineer responsible for the design of the West Fire Station No. 109 adjacent to W. Hillsboro Boulevard within the City of Parkland. Mr. Ortega's responsibilities included: the design of the on-site drainage system and off-site drainage from Hillsboro Blvd., design of water and sewer utilities for the new fire station facility, design of fire station parking lot and ingress/egress driveways, on-site pavement marking and signage, turn lane along W. Hillsboro Blvd. entering the fire station site, and stormwater pollution prevention plan. Permitting efforts with Broward County Environmental Protection and Growth Management Department (BCEPGMD), Broward County Water and Wastewater Services for FDEP Water Main Extension and Sewer Main Extension permits, Broward County Traffic Engineering Department (BCTED) for coordination with the turn lane along W. Hillsboro Blvd, and the City of Parkland Public Works Department were also required for this Project. Construction Administration Services included the review of Contractor's RFIs, Shop Drawings, bi-weekly Construction Progress Meetings, and periodic site visits. During the construction activities, FDOT Maintenance visited the construction site periodically due to the close proximity to the Sawgrass Expressway.

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Vamsee Tirunagari	Designer	A. TOTAL	B. WITH CURRENT FIRM
		11	4
15. FIRM NAME AND LOCATION (City and State)			
A.D.A. Engineering, Inc. (Doral, Florida)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Civil Engineering		Michigan – Engineering Intern	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications – Maintenance of Traffic Advanced Level Training			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	SR-934/E. 25th Ave./E. 79th St. from E. 4th Ave./NW 47th Ave. to E. 12th Ave./NW 37th Ave. Safety Project, Florida Dept. of Transportation (FDOT), FDOT District 6, City of Miami, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Mr. Tirunagari served as the Lead Designer for this Safety project. The main proposed improvements included access management restriction by installing raised concrete median, converting existing permissive signalized left turn movements to protected only and two intersections, widening toward the existing medians to provide offset distance to the left-turn lanes from the inner thru lanes at three intersections, signalization improvements (mast arm replacement, SOP design, signal loop design, new signal heads, orientation of signal heads, signage on mast arms, etc.) at four intersections, and signing and pavement markings for pedestrian safety and channelization. The project also required R/W coordination and acquisition as part of the signalization improvements. Mr. Tirunagari's responsibilities included production of Roadway, Signing and Pavement Marking plans, and preparation of Design Packages such as Typical Section Package, Pavement Design Package and Design Variations.	
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	Spanish River Blvd. Interchange, Florida Dept. of Transportation (FDOT), FDOT District 4, Palm Beach County, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
	Mr. Tirunagari was the Project Engineer in charge of signing and pavement marking plans, as well as GUIDSIGN worksheets. His responsibilities also included QA/QC of plans, field visits, and coordination with subconsultants.	
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	I-595 Corridor Roadway Improvements Project from I-75 to I-95, Florida Dept. of Transportation (FDOT), FDOT District 4, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
	Mr. Tirunagari served as a Project Engineer responsible for the Utility coordination and generating the utilities design base file for the of 14-mile stretch of I-595 design build project encompassing roadway reconstruction that included the construction of ground level reversible express toll lanes. Utility coordination tasks performed included: utility layout, utility conflict resolution, and QA/QC of miscellaneous walls and bridge foundations with utility plans. Mr. Tirunagari's responsibilities also included preparation of maintenance of traffic (MOT) plans and Signing & Pavement Marking plans for Zone-7, as well as drainage structure sheets for Zone 8A and Zone 8B using ASAD and GeoPak.	
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	SR-9a/I-95 Northbound and Southbound Rigid Pavement Rehabilitation Project from NW 79th St. to NW 103rd St., Florida Dept. of Transportation (FDOT), FDOT District 6, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
	Mr. Tirunagari was the Project Engineer responsible for the preparation of the contract plans of the concrete pavement rehabilitation project. The scope of the project included the rehabilitation of the Mainline I-95 and eight (8) ramps connecting I-95 between the limits of the project. Mr. Tirunagari executed design of horizontal and vertical geometry, Typical Section Package, Rigid Pavement Design Package, Design Exceptions and Variations and Specifications. This project required extensive coordination with the FDOT Traffic Management Center, FDOT Maintenance and FDOT Construction.	
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
	SR-70 Okeechobee Road and Jenkins Road, Florida Dept. of Transportation (FDOT), FDOT District 4, FL.	PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm
	Mr. Tirunagari was the Project Engineer in charge of roadway plans and design package submittals. The scope of the project encompassed milling and resurfacing and widening on both SR-70/Okeechobee Road and CR-611/Jenkins Road. This project required extensive coordination with St. Lucie County and the Fort Pierce Utility Agency.	

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME Dacha Quintana, PE	13. ROLE IN THIS CONTRACT ENGINEER	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION (City and State) BCC Engineering, Inc. MIA, Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / Florida International University / 2002 Master of Science / Civil Engineering / Florida International University / 2005		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Engineer In Training / 1100007909 / 2002 FL / Professional Engineer / 67393 / 2008	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Gateway Expressway (E7J46/Fin No.: 433880-1-52-01; 424501-2-52-01), Tampa FL</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If Applicable) <b>2021</b>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>[X] Check if project performed with current firm</p> <p>The Gateway Expressway project is a \$545-million-dollar design-build project and consists of two major components; The design and construction of two new 4-lane elevated tolled roadways that will provide direct connection-with no intersections - between US 19 and I-275 (north of 49th Street North) and I-275 to St. Pete-Clearwater International Airport (PIE ) and the Bayside Bridge. As well as, the widening of I-275 to accommodate one additional "Dynamic" tolled express lane in each direction next to the existing freeway lanes, one-mile south of Gandy Boulevard to 4th Street North. The project is also leaving an open option for a future light rail corridor on the south side of Ulmerton Road. BCC Engineering is the prime designer responsible for all Design Project Management and coordination of all engineering services for the project. Overall, the Gateway Expressway project will change the existing roadway system to enhance safety, add capacity and improve mobility. Major Project features include: 26 bridges including 19 new bridges, widening of six bridges and replacement of one bridge barrier, miscellaneous structures including permanent/temporary walls, noise walls, sign structures including cantilevers, overhead signs, mast arms, Intelligent Transportation System (ITS), and toll Gantries. The new communication System (ITS) will include approximately 18 miles of conduit and fiber installations, 20 Close-Circuit Televisions Cameras (CCTV) and 21 Dynamic Message Signs (DMS) to alert drivers of current traffic conditions. Final Design is currently underway and final project completion is estimated late 2021. Project Role: Project Engineer.</p>		
<b>Tampa Bay to Northeast Florida Corridor Evaluation Study - FDOT Statewide Multi-Use Trail Best Practices Guidelines (FM No. 192227-1-12-34; Contract C9M14); Tampa Bay, FL</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If Applicable) <b>Present</b>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>[X] Check if project performed with current firm</p> <p>Through this contract, BCC Engineering is developing the Statewide Multi-Use Trail Best Practices Guidelines, which will be published by FDOT and set criteria, preferences and standards for the planning and design of trail facilities on all FDOT trail projects. The Guideline is currently in draft form and is anticipated to be complete in November of 2016. The document has been developed through extensive research and compilation of best practices from a wide range of sources, including the FDOT PPM, AAHSTO and FHWA Guidelines, ADA requirements, and a thorough review of practices currently implemented by Florida Local Agencies and a cross section of other States. This document includes detailed design criteria intended to be used for setting alignments and geometry, intersection design and prioritization, signing and marking, emergency location markers, bridges and underpasses, lighting, landscaping, pavement design, environmental and drainage approaches, maintenance considerations and other related guiding principles. Project Role: Project Engineer.</p>		
<b>General Planning Consultant (GPC) Services Contract (E05-MPO-01); Miami-Dade County, FL</b>	PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION (If Applicable) <b>2011</b>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>[X] Check if project performed with current firm</p> <p>Project was conducted on-board survey for the 874 Bus on Shoulder Program. For the CSX Study Ms. Quintana was also responsible for the Preliminary Environmental Screening Study for a new CSX rail connection from the Lehigh Spur west terminus to the Conrad Yelvington Quarry. Project Role: Project Engineer.</p>		
<b>Project Development and Environment (PD&amp;E) Study for Homestead Extension of Florida's Turnpike (HEFT) Widening from SR 836/Dolphin Expressway to East of NW 57th Avenue/Red Road (FPID No. 423371-1-22-01; Contract C8S66); Miami-Dade and Broward Counties, FL</b>	PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION (If Applicable) <b>2010</b>

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	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE  Safety analysis for the corridor. Responsibilities also included, preparing a study documenting the requirements for the preliminary design efforts for the HEFT widening north of I-75 to east of NW 57th Avenue, including existing conditions, typical sections, necessary right-of-way, and costs. Project Role: Project Engineer.	<input checked="" type="checkbox"/> Check if project performed with current firm			
	(1) TITLE AND LOCATION ( <i>City and State</i> ) <b>District-wide Project Development and Environmental (PD&amp;E) and Traffic Consultant Services (FM No. 250622-2-22-02, 250622-3-22-01, 252058-1-A1-02 ; Contract C8P71); Miami-Dade County, FL</b>	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="946 401 1216 499">PROFESSIONAL SERVICES <b>2007</b></td> <td data-bbox="1216 401 1489 499">CONSTRUCTION (<i>If Applicable</i>) <b>2010</b></td> </tr> </table>		PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION ( <i>If Applicable</i> ) <b>2010</b>
PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION ( <i>If Applicable</i> ) <b>2010</b>				
e.	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  Project Engineer assisting with miscellaneous tasks for PD&E office. Worked on the development of two scoping reports (NW 7th Avenue from NW 6th Street to NW 32nd Street and NW 183rd Street from NW 47th Avenue to NW 57th Avenue). Also, reviewed and provided comments on technical reports and design plans prepared by other consultants. Project Engineer for the planning analysis of turbo lane implementation at T-intersections. Assignment consisted on identifying all the signalized T-intersection within the State Road System in Miami-Dade County for potential turbo lane implementation. Initial screening consisted of identifying the intersections already operating with turbo lane(s), Intersections with fatal flaw making it non-candidate for turbo lanes, intersections with potentiality for turbo lanes but with issues to be resolved and highly candidate intersections. The screening required field reviews and setting fatal flaws criteria. The analysis resulted on 61 intersections to be potential candidates for turbo lane operations out of the two-hundred nineteen T-intersections identified (excluding the existing T-intersections with turbo lanes). Project Role: Project Engineer.				

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME Danyu Shi, AICP	13. ROLE IN THIS CONTRACT PLANNER	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) BCC Engineering, Inc ORL, Altamonte Springs, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Urban Planning / Texas A&M University / 2011 Bachelor of Science / Engineering Management / Tongji University / 2009		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / American Institute of Certified Planners / 028498	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	<b>Homestead Extension of Florida's Turnpike (HEFT) ODME Analysis and Update; Miami-Dade County, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Responsible for networks and count update, input Origin-Destination (OD) seed matrix update, summary profiles update, and model results summary. Project Role: Project Planner.	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If Applicable) <b>Present</b>
b.	<b>Tampa Bay Regional Activity-Based Model (TBRABM) Review and Evaluation; Tampa Bay Area, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Responsible for DaySim coefficients evaluation tests, model sensitivity tests, data preparation, test results summary and analysis, presentation preparation and documentation preparation. Project Role: Project Planner.	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If Applicable) <b>Present</b>
c.	<b>I-395 Maintenance of Traffic (MOT) and Interchange Modification Report (IMR); Miami-Dade County, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Responsible for design traffic development and operation analysis for I-395 MOT and IMR, including subarea modeling; traffic counts selection, cleanup, and integration; design traffic development for 60+ alternatives; traffic diversions for build alternatives, detour routes, and special event in & out; CORSIM travel time calibration; operational analysis using Synchro and CORSIM for 60+ alternatives; data visualization; final map preparation; QA/QC; presentation preparation; and documentation. Project Role: Project Planner/Task Leader.	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If Applicable) <b>2016</b>
d.	<b>County Road 514 Interchange Justification Report (IJR) Study; Sumter County, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Responsible for subarea modeling, socio-economic data format conversion from Central Florida Regional Planning Model version 6 (CFRPM 6) to CFRPM 5 format, socio-economic data updates, development of regional impact (DRI) updates, traffic count verification and integration, model calibration and validation, design traffic development, and documentation. Project Role: Project Planner/Task Leader.	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>Present</b>
e.	<b>MDX Project No. 83611 - SR 836/Dolphin Expressway Improvements from NW 17th Avenue to the Midtown Interchange; Miami-Dade County, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Responsible for sub-area model development, roadway network review and update, model calibration and validation, evaluation and incorporation of MDX and Turnpike toll facilities, traffic count verification and integration, Origin-Destination (OD) data evaluation and analysis, design traffic development, and concept analysis and alternative recommendation. Project Role: Project Planner/Task Leader.	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>Present</b>

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME Erik Spillmann, PE	13. ROLE IN THIS CONTRACT SENIOR ENGINEER	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) BCC Engineering, Inc ORL, Altamonte Springs, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / University of Central Florida / 1996		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 58771 / 2002	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>Gateway Expressway (E7J46/Fin No.: 433880-1-52-01; 424501-2-52-01), Tampa FL</b>		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If Applicable) <b>2021</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
a.	<p>The Gateway Expressway project is a \$545-million-dollar design-build project and consists of two major components; The design and construction of two new 4-lane elevated tolled roadways that will provide direct connection-with no intersections - between US 19 and I-275 (north of 49th Street North) and I-275 to St. Pete-Clearwater International Airport (PIE) and the Bayside Bridge. As well as, the widening of I-275 to accommodate one additional "Dynamic" tolled express lane in each direction next to the existing freeway lanes, one-mile south of Gandy Boulevard to 4th Street North. The project is also leaving an open option for a future light rail corridor on the south side of Ulmerton Road. BCC Engineering is the prime designer responsible for all Design Project Management and coordination of all engineering services for the project. Overall, the Gateway Expressway project will change the existing roadway system to enhance safety, add capacity and improve mobility. Major Project features include: 26 bridges including 19 new bridges, widening of six bridges and replacement of one bridge barrier, miscellaneous structures including permanent/temporary walls, noise walls, sign structures including cantilevers, overhead signs, mast arms, Intelligent Transportation System (ITS), and toll Gantries. The new communication System (ITS) will include approximately 18 miles of conduit and fiber installations, 20 Close-Circuit Televisions Cameras (CCTV) and 21 Dynamic Message Signs (DMS) to alert drives of current traffic conditions. Final Design is currently underway and final project completion is estimated late 2021. Project Role: ITS Engineer of Record / Network Integration Lead.</p>		
<b>MDX Work Program No. 50001.030 - Design-Build Project for the Dolphin Station Park-and-Ride Transit Terminal Facility (Contract RFP 16-05); Miami-Dade County, FL</b>		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If Applicable) <b>2017</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<p>BCC Engineering, Inc. is the prime designer for the new park and ride facility, west of the Dolphin Mall in West Miami. The project consists of the design, permitting, and construction activities necessary to complete the Dolphin Station Park and Ride Transit Terminal Facility and its access road from NW 12th Street which will be known as Dolphin Station Road. The Dolphin Station Park and Ride Transit Terminal Facility shall include, but not be limited to the following: Organized, safe, accessible and convenient parking; Bus bays and bus layover bays; Continuous bus bay canopy; Outdoor seating; Bicycle storage; Electric vehicle charging stations; Parking Management System and Bus Information System; A transit hub building with passenger waiting areas and accommodation for retail; A driver's break lounge; Accommodations for ticket vending machines; Landscaping, fencing, and lighting; "Kiss-and-Ride" drop off areas; Security surveillance system; and Gateway features (Pylons). Responsibilities include civil/site design, transit, drainage, environmental, architectural support, ITS, Structural Engineering, Water and Sewer Design, and Transportation Planning/Traffic Engineering. Project Role: Traffic Engineer-of-Record / ITS Engineer.</p>		
<b>MDX Work Program 87410.030: Design-Build Services for SR 874 Ramp Connector to SW 128th Street (Contract No. RFP-15-02); Miami-Dade County, FL</b>		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If Applicable) <b>2018 (Est.)</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
c.	<p>As part of the Design-Build Team, BCC Engineering, Inc. is serving as Prime Designer for the design and construction of the MDX Ramp Connectors from SR 874 (Don Shula Expressway) to SW 128th Street from west of the SR 821 Homestead Extension of Florida's Turnpike (HEFT), to west of SR 825/SW 137th Avenue. The new ramp connectors will provide access to and from the Don Shula Expressway (SR 874) and SW 128th Street at SW 122nd Avenue, extending SR 874 west from its current terminus at the HEFT (approximately 0.5 mile). The ramp connectors will require third level flyovers over the existing SR 874/SR 821 interchange. The flyovers are complex category II bridges with straddle piers and drilled shaft foundations. The project will widen approximately 1.5 miles of SW 128th Street from a three-lane urban section to a five-lane urban section. Additional scope items include signals for three intersections, lighting design, Intelligent Transportation Systems (ITS) design and utility work for Miami-Dade Water and Sewer Department. BCC is responsible for project management, roadway, drainage, traffic operations and structural design for the project. Project Role: ITS Engineer.</p>		

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	(1) TITLE AND LOCATION <i>(City and State)</i> <b>I-95 (SR 9) Express Lanes and Ramp Signals - Phase 3A-1 from South of Broward Boulevard to North of Commercial Boulevard - Design-Build (FM Nos. 433108-4-52-01, 428009-1-52-01; Contract E4Q32); Broward County, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2015</b>		CONSTRUCTION <i>(If Applicable)</i> <b>2018 (Est.)</b>
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <p>Phase 3A-1 represents the first of several separate I-95 Express Lanes Design-Build projects that will ultimately extend 95 Express from Stirling Road in Broward County to Linton Boulevard in Palm Beach County. The Phase 3A-1 limits are from south of Broward Boulevard to north of Commercial Boulevard. The project includes converting the existing High Occupancy Vehicle (HOV) lanes to High Occupancy Toll (HOT) lanes, as well as one lane widening each direction, resulting in two tolled Express Lanes in each direction. The number of existing general use and auxiliary lanes will remain the same. Access to the Express Lanes will be limited to designated entry and exit point locations: between Broward Boulevard and Sunrise Boulevard, and between Oakland Park Boulevard and Commercial Boulevard. The Express Lanes will implement congestion-based toll pricing. The facility will employ Electronic Toll Collection (ETC) via the Florida Turnpike Enterprise's (FTE) SunPass system. Other project improvements include: milling, resurfacing, and overbuilding of the I-95 general use lanes; guardrail; barrier wall; attenuators; shoulder gutters; drainage; bridge widenings; temporary and permanent retaining walls; sound barrier walls; sign structures; portable traffic monitoring sites; tolling gantries and associated infrastructure including equipment buildings; Intelligent Transportation System (ITS); signing and pavement markings; express lane delineators; signalization; lighting; ramp (metering) signals; utility relocation; landscaping; and any additional items required to provide a complete highway system in accordance with all standard Department policies, procedures, and guidelines. Project Role: FDOT District 4 ITS Design Engineer-of-Record responsible for the deployment of Dynamic Tolling and Ramp Meter signals at the I-95 interchanges extending from Hallandale Beach Boulevard to Davie Boulevard. Project also includes modification to controller software for ramp metering operations. Project Role: ITS Engineer / Network Integration Lead.</p>			
e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR 821 (HEFT) Widening from SW 288th Street (Biscayne Drive) to SW 216th Street (Hainlin Mill Road) - Design-Build (FM No. 423372-2-52-01; Contract E8N92); Miami-Dade County, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2015</b>		CONSTRUCTION <i>(If Applicable)</i> <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <p>Project scope included widening the limited access highway to create managed lanes in each direction. The project also included tolling dynamic message signs and verification cameras, maintaining existing travel time system, CCTV monitoring system and microwave vehicle detection system. Project Role: ITS Project Manager and ITS Engineer of Record.</p>			

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME Lorin Brissett, PE	13. ROLE IN THIS CONTRACT SENIOR ENGINEER	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) BCC Engineering, Inc FTL, Fort Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / The City College of New York / 1994 Master of Science / Civil Engineering / Georgia Institute of Technology / 1995		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 56846 / 2001	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>City of Fort Lauderdale Traffic and Transportation Engineering Consultant Services Continuing Contract; Broward County, FL</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If Applicable) <b>2017</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
<p>[X] Check if project performed with current firm</p> <p>BCC Engineering, Inc. is providing professional services related to a continuing contract for traffic and transportation engineering consultant services including, but not limited to: overseeing, planning, directing, coordinating, and implementing the planning, design, development, funding, construction and administration of complex City transportation related programs and projects involving work with City engineers and technical staff; and establishing funding plans for City transportation related projects and programs including identification of, research, and completion of the appropriate forms and applications. Below are tasks orders issued to date under this contract:</p> <ul style="list-style-type: none"> <li>· <b>Task Order No. 1: DRC Traffic and Parking Study Reviews Citywide; Fort Lauderdale, FL; Project Duration: 02/2016, Ongoing</b> - Conducted traffic impact analysis and parking study reviews.</li> <li>· <b>Task Order No. 2: SE 6th Street (CIP) and Downtown Walkability (CIP) Improvements; Fort Lauderdale, FL; Project Duration: 02/2016 to 10/2016</b> - Conducted a traffic study that analyzed traffic impacts on SE 6th Street (between Andrews Avenue and Federal Highway) to implement mid and long-term improvements; and analyzed traffic impacts if lane utilization was changed at the intersections of NE 1st Street with Andrews Avenue and NE 3rd Avenue.</li> <li>· <b>Task Order No. 3: SE 3rd Avenue Bike Lane Analysis; Fort Lauderdale, FL; Project Duration: 09/2016, Ongoing</b> - Conduct traffic study to analyze traffic impacts from doing a lane elimination along SE 3rd Avenue (between SE 17th Street to SE 6th Street with analysis to Las Olas) to accommodate a bike lane. Analysis will include public meetings to support adoption/Commission action.</li> <li>· <b>Task Order No. 4: Uptown Urban Village Land Use Plan Amendment and Form Based Code; Fort Lauderdale, FL; Project Duration: 08/2016, Ongoing</b> - Amend the land use plan and develop a form based code to foster mixed use development and multi-modal transportation options in the area around the Cypress Creek Tri-Rail Station.</li> <li>· <b>Task Order No. 5: SW 1st Avenue between SW 14th Street and SW 17th Street; Fort Lauderdale, FL; Project Duration: 09/2016, Ongoing</b> - Engineering services for the Complete Streets treatment of SW 1st Avenue between SW 14th Street and SW 17th Street. The physical treatment will include street parking, pedestrian enhancements (e.g. Sidewalks, curbing, bike paths (if appropriate), street crossing locations, and landscaping). The City has selected two-way traffic, and diagonal parking wherever possible. Additionally, this project includes the micro-surfacing of the roadway. This scope of services includes the preparation of construction drawings, permit acquisition, bid phase services, and limited construction inspection services.</li> </ul>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Work Zone Traffic Analysis for I-395 Corridor Improvement Project from West of I-95 to MacArthur Causeway/SR 836 Corridor Improvement Project from NW 17th Avenue to West of I-95/I-95 Pavement Replacement Project from NW 8th Street to NW 29th Street (FM No. 251688-1-32-01; Contract C9279); Miami-Dade County, FL</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If Applicable) <b>2017</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
[X] Check if project performed with current firm		

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The Florida Department of Transportation (FDOT) and the Miami-Dade Expressway Authority (MDX) selected the consultant team to develop coordinated traffic control plans for three construction projects that were planned to be implemented concurrently. Both agencies requested that the consultant team prepare a traffic analysis of the work zones of the three construction projects in order to establish a baseline of the likely traffic operations during project construction and provide recommendations. Additional objectives of the work zone traffic analysis included optimization of lane closure strategies, determination of the impacts of proposed detour routes and an evaluation of the Impact of the proposed construction schedule on the roadway network adjacent to and through the construction zones. Task leader for traffic analysis including developing guidelines for the project team in the development of design hour traffic volume for interim construction phases, traffic operations analysis of work zone phases and the development of reporting metrics to assess the performance of the various traffic control plans. Development of recommendations. Project Role: Task Leader/Senior Transportation Engineer.

(1) TITLE AND LOCATION (City and State) <b>SR 9 (I-95) at PGA Boulevard/Central Boulevard Interchange Justification Report (IJR) and Project Development and Environment (PD&amp;E) Study (FM No. 413265-1-22-01; Contract C9B45); Palm Beach County, FL</b>	(2) YEAR COMPLETED	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  The purpose of this project was to study a possible interchange at I-95 and Central Boulevard. This project included two phases. Phase 1 was the Interchange Justification Report, with analysis to include the PGA Boulevard Interchange, Military Trail partial interchange, the Central Boulevard overpass, and the intersection of PGA Boulevard and Military Trail. The adjacent interchanges north and south on I-95 and adjacent intersections along PGA Boulevard, Central Boulevard and the Turnpike Interchange were also included in the modeling. Phase 2 included the PD&E study for the implementation of the approved interchange. Since Central Boulevard, the Military Trail partial interchange, and PGA Boulevard interchange are in close proximity, these three locations were analyzed as a system. The project included the evaluation of 11 existing bridge structures and two existing bridge culverts. Bridges included seven mainline bridges crossing surface streets and four overpass bridges, including a 10-span concrete girder and steel plate girder curved flyover carrying westbound PGA Boulevard over I-95 to connect to southbound I-95. Project Role: Senior Transportation Engineer.	PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (If Applicable) <b>2017</b>
	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Downtown Miami Freight Mobility Feasibility Study; Miami-Dade County, FL</b>	(2) YEAR COMPLETED	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  FDOT commissioned this project to study the feasibility of providing secondary access to PortMiami through the Downtown Miami Area in order to accommodate truck cargo and other PortMiami freight movements. This secondary access would serve as an alternative to the PortMiami Tunnel with the goal of preserving the quality of the connectivity between PortMiami and the greater region. Responsibilities included refinement and analysis of conceptual alternatives, coordination with various stakeholders and development of alternatives to recommend for further study and consideration. Project Role: Project Manager/Senior Transportation Engineer.	PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (If Applicable) <b>2016</b>
	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>I-395 Project Development and Environment (PD&amp;E) Study Interchange Modification Evaluation (FM No. 251688-1-32-01; Contract C9279); Miami-Dade County, FL</b>	(2) YEAR COMPLETED	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  As part of a team of consultants selected by the FDOT to update the I-395 PD&E Study Interchange Modification Evaluation, performed traffic operations reanalysis for the I-395 freeway facility. The main objective of the I-395 PD&E Study was to develop improvements that would increase future capacity of the facility, mitigate future traffic congestion, improve safety via the mitigation of existing deficiencies, improve ramp access and establish better lane balance/continuity throughout the study corridor. Developed Corsim Model (using Florida Highway Administration (FHWA) Corsim software) to evaluate no-build and future alternatives as part of the I-395 PD&E Study Interchange Modification Report (IMR); Prepared lane schematic of the I-395 corridor depicting pertinent geometric data; Developed input traffic volume data; Coded roadway network for mainline freeway and ramp segments; Calibrated/validated model to existing conditions; Ran CORSIM model for the AM and PM peak hour conditions for no-build and future alternatives; Summarized results of microsimulation analysis; Developed Synchro Model to analyze intersections along surface streets adjacent to I-395 ramps and mainline; Optimized signal timing splits and offsets for affected intersections; Prepared technical report documenting analysis including assessment of preferred alternative. Project Role: Senior Transportation Engineer.	PROFESSIONAL SERVICES <b>2011</b>	CONSTRUCTION (If Applicable) <b>2013</b>
	[X] Check if project performed with current firm	

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

(Complete one Section E for each key person.)

12. NAME Sung-Ryong Han	13. ROLE IN THIS CONTRACT SENIOR PLANNER	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) BCC Engineering, Inc ORL, Altamonte Springs, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Civil Engineering / University of Florida / 1998 Bachelor of Science / Civil Engineering / Keimyung University (Korea) / 1994 Master of Science / Construction Management / Southern Polytechnic Univ. (Korea) / 1994		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Tampa Bay Regional Transportation Analysis (RTA), Phase XIV; Tampa, FL</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If Applicable) <b>2018</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
a. The purpose of this project will be (1) to improve and validate the Tampa Bay Regional Planning Model (TBRPM) and other travel demand models and forecasting and analysis tool used by District 7 and the District 7 Metropolitan Planning Organizations (MPOs) and local agencies; and (2) to provide modeling assistance and other technical assistance for the update and maintenance of the District 7 Metropolitan Planning Organizations (MPOs)' Long Range Transportation Plans (LRTPs) and for conducting corridor studies, subarea studies and other special transportation analyses for District 7. Project Role: Project Manager and Senior Modeler.		
[X] Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Homestead Extension of Florida's Turnpike (HEFT) and NW 25th Street Connections/NW 25th Street Viaduct Extensions Traffic and Revenue Study; Miami-Dade County, FL</b>	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>Present</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
b. Project Manager responsible for project coordination, data management, travel demand model development and validation, sub-area model development, socio-economic data conversion and updates, land use alternative development and test, alternative analysis for trucks, and revenue and traffic analysis. Project Role: Project Manager and Senior Modeler.		
[X] Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>MDX Project No. 83611 - SR 836/Dolphin Expressway Improvements from NW 17th Avenue to the Midtown Interchange; Miami-Dade County, FL</b>	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>Present</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
c. Project Manager responsible for project coordination and overseeing travel demand modeling, data management, sub-area modeling, toll facility evaluation and incorporation, Origin-Destination (OD) data evaluation and analysis, design traffic development, and concept analysis and alternative recommendation. Project Role: Project Manager and Senior Modeler.		
[X] Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>MDX Work Program No. 83628.030 - SR 836 Widening from East of NW 57th Avenue to East of NW 17th Avenue (Contract RFP-14-03); Miami-Dade County, FL</b>	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>2015</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
d. Traffic study consisting of evaluating different alternatives to increase capacity along SR 836/Dolphin Expressway by adding a through lane in each direction (for a total of four lanes per direction) from west of NW 45th Avenue to east of NW 27th Avenue in the eastbound direction, and from east of NW 57th Avenue to east of NW 27th Avenue in the westbound direction. Primary Role: Task Manager responsible for the development of a concept traffic development and analyses to assess potential roadway improvement alternatives on future traffic on SR 836 segment between NW 17th Avenue and NW 57th Avenue by HCS, Synchro, CORSIM, and VISSIM. Project Role: Task Manager and Senior Planner.		
[X] Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>CR 514 Interchange Justification Report (IJR) Study; Sumter County, FL</b>	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>Present</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
e. Project Manager responsible for project coordination, data management, subarea modeling, socio-economic data review, conversion and updates, development of regional impact (DRI) review and updates, model calibration and validation, design traffic development, and documentation for the CR 514 IJR study. Project Role: Project Manager and Senior Modeler.		
[X] Check if project performed with current firm		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME Yifan Zhang, AICP	13. ROLE IN THIS CONTRACT PLANNER	14. YEARS EXPERIENCE	
		a. TOTAL 4	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) BCC Engineering, Inc ORL, Altamonte Springs, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Urban & Regional Planning / University of California LA / 2014 Bachelor of Science / Urban & Regional Planning / Peking University / 2012		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) American Institute of Certified Planners	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	<b>Tampa Bay Regional Transportation Analysis (RTA), Phase XIV (FPID No. 259173-1-12-12; Contract C-9K20); Tampa, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The purpose of this project will be (1) to improve and validate the Tampa Bay Regional Planning Model (TBRPM) and other travel demand models and forecasting and analysis tool used by District 7 and the District 7 Metropolitan Planning Organizations (MPOs) and local agencies; and (2) to provide modeling assistance and other technical assistance for the update and maintenance of the District 7 Metropolitan Planning Organizations (MPOs)' Long Range Transportation Plans (LRTPs) and for conducting corridor studies, subarea studies and other special transportation analyses for District Seven. Project Role: Project Planner.	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If Applicable) <b>2018</b>
b.	<b>Busch Boulevard Traffic Improvement - Lane Reduction Analysis; Hillsborough County, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Verified existing traffic counts against different data sources; reviewed historical Annual Average Daily Traffic (AADT) within study area; developed AADT and Directional Design Hourly Volume (DDHV) for base and future years; conducted operational analysis and alternative test using Synchro; summarized simulation results and provided geometry recommendations; prepared presentation files and documentation. Project Role: Project Planner.	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If Applicable) <b>Present</b>
c.	<b>Homestead Extension of Florida's Turnpike (HEFT) and NW 25th Street Connections/NW 25th Street Viaduct Extensions Traffic and Revenue Study; Miami-Dade County, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Reviewed household, population, and employment data in Transportation Analysis Zones (TAZ) level for the study area against various data sources including census data, infoUSA data, Google Earth Pro, and socio-economic data from different models; created Geographic Information Systems (GIS) maps for data visualization; prepared presentation files. Project Role: Project Planner.	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>Present</b>
d.	<b>MDX Work Program No. 83611 - SR 836/Dolphin Expressway Improvements from NW 17th Avenue to the Midtown Interchange; Miami-Dade County, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Reviewed and updated roadway network against Google Earth for alignment, geometry, speed, facility type, and number of lanes; incorporated MDX and Turnpike toll facilities to the model input network; summarized and analyzed Origin-Destination (OD) data; verified and integrated traffic counts; developed design traffic. Project Role: Project Planner.	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>Present</b>
e.	(1) TITLE AND LOCATION (City and State)  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Ken Gardner, ASLA, LEED	Principal Landscape Architect	a. TOTAL 27	b. WITH CURRENT FIRM 25
15. FIRM NAME AND LOCATION (City and State) GSLA Design, Inc. (Miami FL)			
16. EDUCATION (Degree and Specialization) Bachelor of Landscape Architecture University of Georgia		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida LA - 0001569	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Landscape Architects, Neat Streets Miami, Crime Prevention Through Environmental Design (CPTED), Certified 1999, LEED, AP, Certified 2009			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Claude Pepper Youth Center</b> <b>North Miami, FL</b>	2009	2011
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared planting and irrigation plans for a community center and gymnasium, tennis courts, plaza and parking lot at Claude Pepper Park in North Miami. GSLA used native plants to reduce the water resources but still allow the landscaping to thrive.		
<b>Marlins Park</b> <b>Miami, FL</b>	2009	2012
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GSLA was the local Landscape Architect for the new stadium for the Miami Marlins. GSLA was responsible for the design and construction oversight of the stadium and adjacent mixed use parking garages and lots. GSLA prepared the hardscape, planting and irrigation plans		
<b>South Pointe Park</b> <b>Miami Beach, FL</b>	2012	2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GSLA prepared a report and comprehensive plans for rehabilitation of an existing 10-acre park at the south end of Miami Beach. The report was a detailed analysis of the soil and landscape design deficiencies that impeded proper growth of the landscape. After acceptance of this report, GSLA oversaw the implementation of the rehabilitation efforts.		
<b>Soundscape Park</b> <b>Miami Beach, FL</b>	2010	2011
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GSLA prepared planting and irrigation plans and assisted in tree tagging in the field. GSLA also oversaw installation of all landscape elements. This project was a 2.5 acre park adjacent to the New World Symphony in Miami Beach. GSLA acted as local Landscape Architects to West 8.		
<b>Flamingo West Park</b> <b>Cooper City, FL</b>	2018	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GSLA prepared planting and irrigation plans for a new park with a natural area and educational walk, playground, concession stands, four artificial turf multi-purposed fields and associated parking lot. Nearly all proposed plant material is native to assist with the educational element as well as to reduce maintenance costs.		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
T. Kiehl Semler, ASLA	Project Manager	a. TOTAL 9	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION (City and State) GSLA Design, Inc. (Miami FL)			
16. EDUCATION (Degree and Specialization) Bachelor of Landscape Architecture University of Georgia		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida LA - 06667205	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Landscape Architects			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <b>Baptist Hospital Memorial Garden Kendall, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. GSLA is currently preparing plans for a butterfly-themed memorial garden at Baptist Hospital's main campus. The design incorporated ideas from a private donor and meetings were held to collaborate with hospital administration. GSLA coordinated with a local artist to design metal butterfly sculptures for the garden.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) <b>South Miami Hospital Rehabilitation Garden South Miami, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. GSLA served as the prime consultant for a design team to prepare plans for a garden to act as a gateway entrance from the Underline project. All native materials, including stonework is incorporated to create a natural design and to reduce maintenance efforts.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) <b>Ives Estates Park North Miami, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. GSLA lead a team to develop new amenities in an existing park built on an old landfill. Environmental issues with the safe construction over a landfill had to be followed carefully. The amenities include new pavilions, a large and small dog park, roadway reconstruction, new walkways through a natural forest community and a new multi-purpose practice field.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) <b>Pasadena Park North Miami, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. GSLA master-planned and prepared hardscape, planting, irrigation and lighting plans for a new park that will serve as an amenity to a very large apartment complex. Amenities include a long, sloped walking path, large and small dog parks, exercise equipment, a large pavilion and a multi-purpose athletic field.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) <b>Altos del Mar Park Miami Beach, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. GSLA worked with the architects to develop a site plan for a new oceanfront park in northern Miami Beach. Although predominantly a passive park, there are many open spaces for active play. All new landscape is native and tolerant to the extreme dune conditions of the park.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

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

(Complete one Section E for each key person.)

12. NAME <b>Manuel G. Vera, Jr., PSM</b>	13. ROLE IN THIS CONTRACT <b>Senior Surveyor and Mapper</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>35</b>	b. WITH CURRENT FIRM <b>35</b>
15. FIRM NAME AND LOCATION (City and State) Manuel G. Vera & Associates, Inc. Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Legal Studies, Nova Southeastern University, 1994 Associates of Science, Land Surveying, Miami Dade College, 1988		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor & Mapper, Florida, PSM #LS5291 (1994)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Vera Jr., a registered Land Surveyor has over 34 years of experience with the company and throughout the state of Florida. Mr. Vera has performed and managed all types of surveying services including: Design Surveys, Right of Way (ROW) Control Surveys, ROW Mapping, Platting, Construction Layout, As-built Surveys, Drainage Surveys, etc. Mr. Vera is a Senior Surveyor and Mapper as well as our Senior Project Manager. He has extensive experience in the management and coordination of multiple survey projects. Professional Affiliation: Florida Surveying & Mapping Society			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a	<b>Districtwide Right of Way Mapping Production Support</b> FDOT District 4 (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Task driven contract performing miscellaneous survey tasks throughout the district. Recent tasks have included all aspects of Preliminary Engineering including establishing horizontal (NAD 83/90) and vertical control (NAVD 88) networks using GPS and conventional methods, establishing historical survey baseline and ROW, Topographic Surveys, Bridge Surveys, Drainage Surveys, Boundary and ROW Surveys, parcel sketches and legal descriptions for acquisitions parcels, construction easements, aerial easements, etc. including titles searches and reports. Contract Amount \$1.5 Million		
b	<b>Districtwide Continuing Services for Survey, Mapping, and SUE</b> FDOT District 4 (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Task driven contract performing miscellaneous survey tasks throughout the district. Design Survey services for this contract include, but are not limited to: Mobile Lidar, Field Surveys, Maintenance of Traffic (MOT), Historical Baseline and Existing ROW Determination, Global Positioning System (GPS) Surveys, Monumentation Surveys, Bathymetric surveys (which includes single beam, multi beam and side scanner sonar capabilities), Utility Designation and Excavation (including Underwater Utilities), Tree Surveys (trees identified by an Arborist or Landscape Architect), ROW Control Survey Maps, ROW Maps, Maintenance Maps, ROW Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Expert Witness Testimony, Title Search Plotting Maps, Title Document Review and Analysis, Sketched, Parcel Staking, and Legal Descriptions. Contract Amount \$5 Million		
c	<b>I-95 Segment 3A</b> FDOT District 4 (Broward County, Florida)	On-Going	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Surveyor. On this task work order driven contract, MGVS is responsible for providing CEI survey services, including: establishment of horizontal and vertical control networks, Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, preparation of PNC sheets, bridge surveys, subsurface utility locates, drainage survey, work zone safety, geotechnical support, locating existing ROW line, and ROW staking. Survey Cost: \$213,720.00		
d	<b>Design Services for SR 817/University Drive from Hallandale Beach Boulevard to SR 834/Sample Road</b> FDOT District 4 (Broward County, Florida)	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Surveyor. MGVS completed a topographic, drainage, DTM survey extended throughout the project limits within the existing right of way. All above ground features and improvements, break-lines, high and low points were located with sufficient density of points (a minimum of 50-ft. grid) in order to create a DTM as well as a topographic base file, which included, but was not limited to: existing lighting, edge of pavement, trees, visible above ground utilities, sodded and paved areas, drainage structures (including rim/gutter elevations), etc. Survey Cost: \$352,694.49		
e	<b>Design Services for SR 824/Pembroke Road East of I-95 to US-1</b> FDOT District 4 (Palm Beach County, Florida)	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Surveyor. MGVS provided a full design survey including: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, survey baselines and ROWs were established as per Dept. ROW Maps; Topographic and Digital Terrain Model (DTM/3D) Survey was prepared from ROW to ROW, along the area proposed; Drainage structures and above ground features where identified and shown on the Survey. Survey Cost: \$42,964		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

2

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

(Complete one Section E for each key person.)

12. NAME <b>Mark R. Sowers, PSM</b>	13. ROLE IN THIS CONTRACT <b>SUE Director</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>31</b>	b. WITH CURRENT FIRM <b>3</b>
15. FIRM NAME AND LOCATION (City and State) Manuel G. Vera & Associates, Inc. Jupiter, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Land Surveying, University of Florida, 1988		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor & Mapper, Florida, PSM #LS5266 (1993)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Sowers is a Professional Surveyor & Mapper with 30 years of experience throughout the state of Florida. His responsibilities include managing field operations and establishing standards for consultants as well as final quality assurance / quality control of all deliverables before client submission. He is proficient in the latest industry technology, as well as developing and implementing successful management strategies. Mr. Sowers worked for the Florida Department of Transportation (FDOT), District IV for eight years, four of them as District Surveyor. During his FDOT tenure, Mr. Sowers actively participated in statewide process improvements. He was a chairperson for FDOT's Survey Technical Advisory Committee and a member of the committees responsible for the development and implementation of the staff-hour estimating form and project network control sheet. Professional Affiliation: Florida Surveying & Mapping Society			
19. RELEVANT PROJECTS			
a	(1) TITLE AND LOCATION (City and State) <b>D/W Right of Way Mapping Production Support</b> FDOT District 4 (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
		On-Going	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Director. Task driven contract performing miscellaneous survey tasks throughout the district. Recent tasks have included all aspects of Preliminary Engineering including establishing horizontal (NAD 83/90) and vertical control (NAVD 88) networks using GPS and conventional methods, establishing historical survey baseline and ROW, Topographic Surveys, Bridge Surveys, Drainage Surveys, Boundary and ROW Surveys, parcel sketches and legal descriptions for acquisitions parcels, construction easements, aerial easements, etc. including titles searches and reports. Contract Amount \$1.5 Million			
b	(1) TITLE AND LOCATION (City and State) <b>D/W Continuing Services for Survey, Mapping, and SUE</b> FDOT District 4 (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
		On-Going	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Director. Task driven contract performing miscellaneous survey tasks throughout the district. Design Survey services for this contract include, but are not limited to: Mobile Lidar, Field Surveys, Maintenance of Traffic (MOT), Historical Baseline and Existing ROW Determination, Global Positioning System (GPS) Surveys, Monumentation Surveys, Bathymetric surveys (which includes single beam, multi beam and side scanner sonar capabilities), Utility Designation and Excavation (including Underwater Utilities), Tree Surveys (trees identified by an Arborist or Landscape Architect), ROW Control Survey Maps, ROW Maps, Maintenance Maps, ROW Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Expert Witness Testimony, Title Search Plotting Maps, Title Document Review and Analysis, Sketched, Parcel Staking, and Legal Descriptions. Contract Amount \$5 Million			
c	(1) TITLE AND LOCATION (City and State) <b>I-95 Segment 3A</b> FDOT District 4 (Broward County, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
		On-Going	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Director. On this task work order driven contract, MGVS is responsible for providing CEI survey services, including: establishment of horizontal and vertical control networks, Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, preparation of PNC sheets, bridge surveys, subsurface utility locates, drainage survey, work zone safety, geotechnical support, locating existing ROW line, and ROW staking. Survey Cost: \$213,720.00			
d	(1) TITLE AND LOCATION (City and State) <b>PD&amp;E Study for Widening of Sawgrass from South of US 441 to West of Powerline Road</b> FDOT Turnpike (Broward County, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
		2018	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Director. MGVS is responsible for preparing a complete Design survey, which includes the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, and the creation of Topographic surveys and Digital Terrain Model, as well as provide subsurface utility engineering services (SUE). Survey Cost: \$581,822.00			
e	(1) TITLE AND LOCATION (City and State) <b>Design Services for SR 817/University Drive from Hallandale Beach Boulevard to SR 834/Sample Road</b> FDOT District 4 (Broward County, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
		2017	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Director. MGVS completed a topographic, drainage, DTM survey extended throughout the project limits within the existing right of way. All above ground features and improvements, break-lines, high and low points were located with sufficient density of points (a minimum of 50-ft. grid) in order to create a DTM as well as a topographic base file, which included, but was not limited to: existing lighting, edge of pavement, trees, visible above ground utilities, sodded and paved areas, drainage structures (including rim/gutter elevations), etc. Survey Cost: \$352,694.49			

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

2

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
JERALD A. MCLAUGHLIN	SURVEYOR AND MAPPER	a. TOTAL 37	b. WITH CURRENT FIRM 37
15. FIRM NAME AND LOCATION (City and State)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
UNIVERSITY OF FLORIDA AND PALM BEACH JUNIOR COLLEGE. ASSOCIATES IN ARTS		LICENSED PROFESSIONAL SURVEYOR AND MAPPER IN THE STATE OF FLORIDA SINCE 1993 (#5269)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
EXECUTIVES ASSOCIATION OF FORT LAUDERDALE			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
THE RESERVE / CORAL SPRINGS, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
PROVIDE SURVEYING SERVICES - LAYOUT OF BUILDINGS, SITE ELEVATIONS, FINAL SURVEYS, ELEVATION CERTIFICATE AND ALTA SURVEY OF ENTIRE SITE - LAND SURVEYOR AND COMPANY PRESIDENT IN CHARGE OF COORDINATING ALL WORK, CHECKING ALL DRAWINGS AND MEETING WITH CLIENT TO COMPLETE THE PROJECT		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
WET AND WILD, LOCKHART STADIUM, FORT LAUDERDALE, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
PROVIDE SURVEYING SERVICES - SURVEY AND CERTIFICATE WITH SITE ELEVATIONS AND TREE LOCATION -		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
JOHN KNOX VILLAGE / POMPANO BEACH, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
PROVIDE SURVEYING SERVICES - OVERALL SITE BOUNDARY SURVEY WITH SITE ELEVATIONS, VISIBLE UTILITIES AND TREE LOCATION		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	

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## TAB 2 – STANDARD FORM 330 (PART I SECTION E)

2

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
LOU CAMPANILE, JR	DIRECTOR OF ENGINEERING	a. TOTAL 32	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION <i>(City and State)</i> MCLAUGHLIN ENGINEERING CO., FORT LAUDERDALE, FL 33309			
16. EDUCATION <i>(Degree and Specialization)</i> GEORGIA INSTITUTE OF TECHNOLOGY - BACHELOR OF SCIENCE - 1981 / CIVIL ENGINEERING		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> CIVIL ENGINEER - STATE OF FLORIDA (#36762)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> CASA DEL SOL / WEST PALM BEACH, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	ONGOING - 2018	
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE PROVIDE CIVIL ENGINEERING SERVICES - PREPARATION OF SITE PLANS, PAVING, GRADING AND DRAINAGE PLANS, SITE INSPECTIONS AND VARIOUS MEETINGS ON SITE AND WITH MUNICIPALITIES - CIVIL ENGINEER ON THIS PROJECT. EXPECTED TO BE COMPLETED IN 2018		
(1) TITLE AND LOCATION <i>(City and State)</i> 1600 COMMONS / 1590 N. FEDERAL HIGHWAY, FORT LAUDERDALE, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2016	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE PROVIDE CIVIL ENGINEERING SERVICES - PREPARATION OF SITE PLANS, PAVING, GRADING AND DRAINAGE PLANS, SITE INSPECTIONS AND VARIOUS MEETINGS ON SITE, CONSTRUCTION PHASE ENGINEERING PLANS		
(1) TITLE AND LOCATION <i>(City and State)</i> CYPRESS CHASE CONDO ASSOC / 2900 NW 48 AVENUE, LAUDERDALE LAKES, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2017	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE PROVIDE CIVIL ENGINEERING SERVICES - PREPARATION OF SEWER LATERAL DESIGN AND WATER SERVICES DESIGN		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm <input type="checkbox"/>		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm <input type="checkbox"/>		

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## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER
			1
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
MISCELLANEOUS CIVIL ENGINEERING SERVICES City of Lauderhill, Florida		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Lauderhill	Juan Martin Cala, PE	(954) 730-2961	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>ADA was retained by the City of Lauderhill to provide miscellaneous civil engineering services consecutive contracts, inspection services, and City Engineering support services. Under this contract, ADA has completed numerous civil engineering design projects and has provided construction engineering inspection services for projects designed by ADA. Below is a summary of representative projects that ADA has completed for the City:</p> <ul style="list-style-type: none"> <li>Two-mile widening and reconstruction of NW 56<sup>th</sup> Avenue from Sunrise Blvd to Oakland Park Blvd, including dedicated bike lanes, lighting, signalization improvements, irrigation, landscaping, drainage improvements and replacement of a 24-inch water main.</li> <li>Canal 26, 28, and 29 bank stabilization comprised of sand-sement bag, rip-rap rubble, geotube and retaining wall stabilization methods. <b>This project won the 2013 American Public Works Associate Project of the Year award.</b></li> <li>Comprehensive Stormwater Master Plan update including conceptual and construction Environmental Resources Permits (ERP) for the stormwater pump stations for Basin A and B.</li> <li>Triple left implementation on NW 56<sup>th</sup> Avenue and Sunrise Blvd. intersection, including signalization revisions, maintenance of traffic, and pavement marking and signage for this intersection.</li> <li>Drainage improvements along NW 82<sup>nd</sup> Avenue to address localized flooding at several intersections.</li> <li>NW 82<sup>nd</sup> Avenue and NW 44<sup>th</sup> Street left lane addition and new traffic signal installation.</li> <li>Geo Bond privacy wall design for several communities throughout the City.</li> </ul> <p>ADA has also provided City Engineering support services including:</p> <ul style="list-style-type: none"> <li>Site plan reviews</li> <li>Engineering permit plans reviews</li> <li>Engineering permit reviews</li> <li>Guidance on City Code and Ordinance modifications and compliance</li> </ul>			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)	(3) ROLE
	A.D.A. Engineering, Inc.	Doral, Florida	Prime Consultant

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Discipline

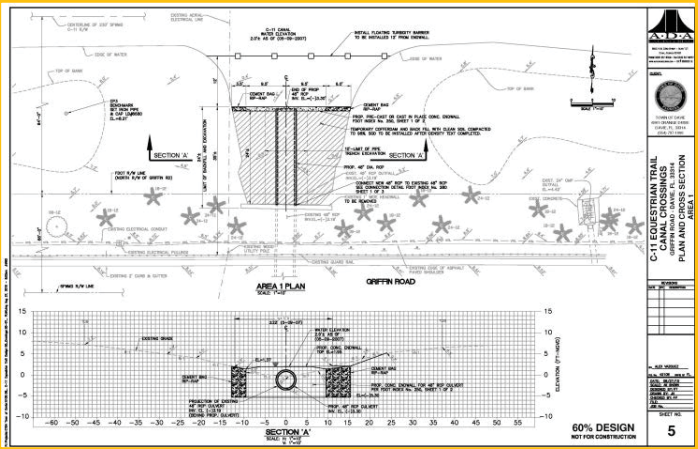

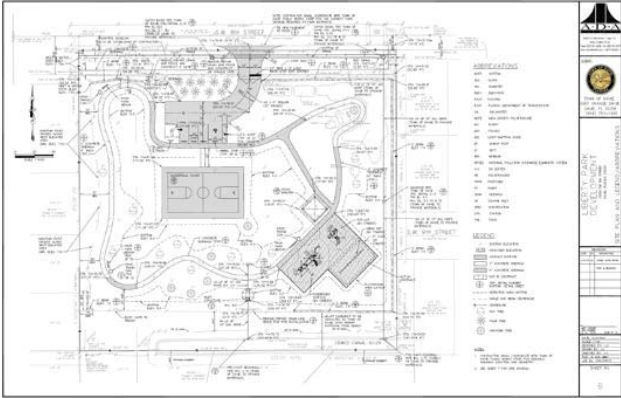
General Civil and Environmental Engineering Services

Firm



TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER  2
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
TOWN OF DAVIE CIVIL ENGINEERING SERVICES CONTRACT Davie, Florida		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Town of Davie	Keith Pursell, Project Manager, Capital Projects	(954) 797-1191	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>ADA was contracted to provide miscellaneous Civil Engineering Services to the Town of Davie. The Town of Davie is home to over 90,000 residents who live across about 35 square miles within central Broward.</p> <p>Under this contract, ADA has provided design, permitting and and post-design services for the following projects:</p> <ul style="list-style-type: none"> <li>• SW 8th Street / Liberty Park.</li> <li>• US 441/Oakes Road Gateway Enhancement improvements.</li> <li>• Site Design of Six (6) Bus Shelter Facilities Throughout the Town Of Davie and Provide Support of FDOT LAP Grant Information Submittal.</li> <li>• Pavement Survey and Development of a Pavement Management Master Plan for The Town.</li> <li>• Town of Davie Stormwater Master Plan Feasibility Study.</li> <li>• Equestrian Trail Crossings Along the C-11 Canal at SW 66<sup>th</sup> Way, SW 70<sup>th</sup> Terrace and SW 73<sup>rd</sup> Terrace;</li> <li>• NW 106<sup>th</sup> Street and Griffin Road Equestrian/Pedestrian crossing.</li> </ul>			
			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a	(1) Firm Name	(2) FIRM LOCATION (City and State)	(3) ROLE
	A.D.A. Engineering, Inc.	Doral, Florida	Prime Consultant

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	<p><b>Discipline</b></p> <p>General Civil and Environmental Engineering Services</p>	<p><b>Firm</b></p> 
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## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER
			3
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
CITY OF MIAMI CIVIL ENGINEERING SERVICES FOR MISCELLANEOUS PROJECTS Miami, Florida		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Miami Capital Improvements Program	John DePazos	(305) 416-1094	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>Over the last 15 years that we've been collaborating with the City, ADA has completed over 80 projects and has 4 projects that are currently under design or in construction. These projects have included design consisting of roadway reconstruction and/or resurfacing; drainage improvements; swale restoration; replacement of existing or new type-f, type-d and mountable curbs as well as sidewalks and driveway approaches; lighting improvements; pavement markings and signage, stormwater management studies including sea-level rise and Construction Engineering Inspections (CEI). ADA completed the City's Comprehensive Stormwater Master Plan that was adopted back in 2011 and is currently in the planning stages for the South Bayshore Drive Roadway and Drainage Improvements project. We were recently selected for another 5 year contract.</p> <p>ADA has also completed the design portion of Joint Participation Agreements (JPA) between the City and the Miami-Dade Water &amp; Sewer Department.</p> <p>Some completed projects include:</p> <ul style="list-style-type: none"> <li>• Silver Bluff Roadway and Drainage Improvements</li> <li>• Fairview Road JPA (Roadway Reconstruction, Drainage Improvements including backflow preventers, 8" DIP Watermain)</li> <li>• Entrada Neighborhood JPA (Roadway, Drainage improvements including backflow preventers, 8" DIP Watermain)</li> <li>• Little River Business District Roadway Improvements and Wayfinding</li> <li>• South Grove Phase I and Phase II Roadway and Drainage Improvements</li> <li>• District 4 Augerhole Abandonment and Replacement</li> <li>• Design-Build of SW 26<sup>th</sup> Road Roadway and Drainage Improvements</li> <li>• Design-Build of SW 23<sup>rd</sup> Road Roadway and Drainage Improvements</li> <li>• Design-Build of SW 27<sup>th</sup> Road Roadway and Drainage Improvements</li> <li>• Electrical and Mechanical Improvements at Lawrence and Riverview Stormwater Pumpstations</li> <li>• CEI services for Biscayne Island Roadway Reconstruction, Drainage and Lighting Improvements</li> <li>• CEI services for San Marco Island Pump Station, Drainage Improvements, including drainage wells, and Roadway Reconstruction</li> <li>• Design and CEI for Curtis Park Synthetic Turf Football Field as well as Track and Field events</li> <li>• CEI services for Shenandoah Roadway Reconstruction and Drainage Improvements</li> </ul>		 	
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)	(3) ROLE
	A.D.A. Engineering, Inc.	Doral, Florida	Prime Consultant

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Discipline

General Civil and Environmental Engineering Services

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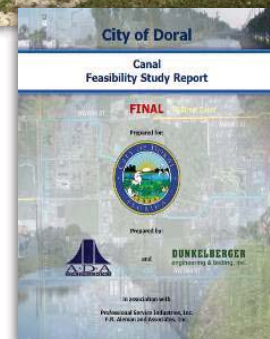




## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <div style="font-size: 24pt; text-align: center;">4</div>					
<b>21. TITLE AND LOCATION (City and State)</b> <b>GENERAL CONSULTANTS FOR ENGINEERING AND ARCHITECTURAL SERVICES</b> Doral, Florida		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>Ongoing</td> <td>Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Ongoing	Ongoing
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
Ongoing	Ongoing						
<b>23. PROJECT OWNER'S INFORMATION</b>							
<b>a. PROJECT OWNER</b> City of Doral	<b>b. POINT OF CONTACT NAME</b> Carlos Arroyo	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (305) 593-6740					
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b> <p>ADA was contracted by the City of Doral to perform miscellaneous planning, design and construction management projects on a work order basis. The scope of work includes roadways, drainage, structural, bridge, electrical, mechanical, traffic engineering, civil/site planning, water and sewer, environmental assessments and engineering, land use and zoning, architectural design and space planning, construction management, and project management. Under this contract, ADA worked on the projects listed below.</p> <ul style="list-style-type: none"> <li>■ <b>Drainage Feasibility Study for the Intersection of NW 82<sup>nd</sup> Avenue and NW 12<sup>th</sup> Street</b> – ADA prepared a Drainage Feasibility Study to address the flooding at the intersection of NW 82nd Avenue and NW 12th Street. As part of this project, ADA performed hydraulic/hydrologic calculations using the SR 836 and NW 87<sup>th</sup> Avenue corridor improvements ICPR to analyze the existing and proposed alternative systems. ADA developed a preliminary drainage system layout of the preferred alternative and associated opinion of probable cost estimate.</li> <li>■ <b>Drainage Improvements for NW 25<sup>th</sup> Terrace from NW 99<sup>th</sup> to 100<sup>th</sup> Avenue</b> - ADA was tasked with the preparation of construction plans to address the flooding along NW 25<sup>th</sup> Terrace from NW 99<sup>th</sup> to 100<sup>th</sup> Avenue. ADA's assessment helped determine the most efficient and cost-effective alternatives for the City, which included the use of a centrifugal water quality structure prior to discharging to the adjacent canal.</li> <li>■ <b>Low Impact Development (LID) Master Plan</b> – The purpose of this project was to develop a LID Master Plan to assist the City in maximizing implementation of LID Integrated Management Practices. These practices will minimize impacts from anticipated new development and/or redevelopment projects. The Master Plan also provides guidance for LID site planning, hydrologic analysis, and erosion and sediment control practices, as well as incentives for participation.</li> <li>■ <b>Canal Bank Stabilization Assessment Report</b> – Project included the development of the report documenting the existing conditions of the canal banks maintained by the City of Doral. ADA developed a 10-year Canal Capital Improvement Plan (CCIP).</li> <li>■ <b>Canal Embankment Restoration Project Fiscal Year 1 and 2 Design</b> – The scope of work entailed the development of 100 percent design drawings, specification, and construction cost estimates for the canals showing high levels of erosion under Fiscal Year 1 of the City of Doral's CCIP. ADA also assisted the City in obtaining all required permits for construction. <i>The Year 2 project received a "Project of the Year" Award from the American Public Works Association.</i></li> <li>■ <b>Canal Embankment Restoration Project Fiscal Year 1 and 2 Construction Administration Services</b> – ADA has reviewed shop drawings and addressed Request for Clarification from the Contractor.</li> </ul> <p><i>ADA has held three past consecutive contracts for General Engineering &amp; Architectural Services.</i></p>							
<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>							
<b>a</b>	<b>(1) Firm Name</b> A.D.A. Engineering, Inc.	<b>(2) FIRM LOCATION (City and State)</b> Doral, Florida	<b>(3) ROLE</b> Prime Consultant				



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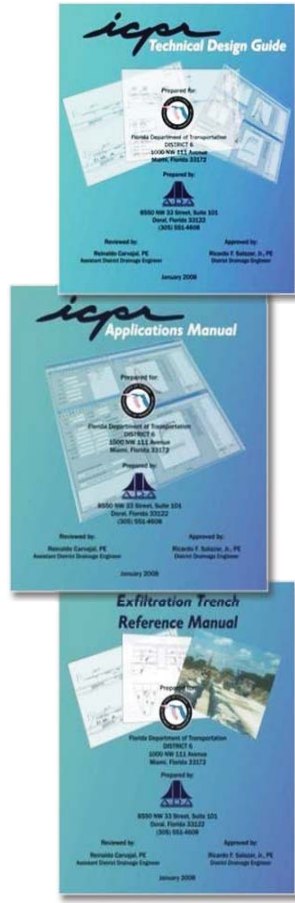
**Discipline**

General Civil and Environmental Engineering Services

**Firm**

## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER  5
21. TITLE AND LOCATION (City and State) <b>DISTRICTWIDE DRAINAGE DESIGN AND PLANS REVIEW CONSULTANT SERVICES</b> Miami-Dade County, Florida		22. YEAR COMPLETED Professional Services: Ongoing Construction (If applicable): Ongoing	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Florida Department of Transportation – District 6	b. POINT OF CONTACT NAME Mr. Ricardo Salazar, Jr., PE	c. POINT OF CONTACT TELEPHONE NUMBER (305) 470-5264	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  </div> <div style="width: 65%;"> <p>ADA is currently the Districtwide Drainage Design and Plans Review Consultant for Florida Department of Transportation (FDOT) District 6 (District). Within this miscellaneous type contract, ADA is serving as the design and plans review consultants for the FDOT performing a variety of engineering assignments. These assignments involve all aspects of Drainage Analysis and Design Services; Retrofitting Existing Drainage Systems; Permit Compliance; Hydrologic/Hydraulic Modeling; Bridge Hydraulics; Scour Analyses; Retention/Detention Pond, French Drain, Drainage Well Analyses and Design; Drainage Studies; and Urban &amp; Rural Roadway System Design. ADA's contract responsibilities also include determining the current status of existing drainage systems resulting from meetings with District 6 staff in addition to field visits. The existing and proposed drainage systems are analyzed using the Interconnected Pond Routing ICPR computer model (Version 3.10). As part of this contract, ADA has successfully executed over 200 task work orders. Some representative projects executed under this contract are as follows:</p> <ul style="list-style-type: none"> <li>■ Collins Avenue 26<sup>th</sup> Street Final Design for Drainage Improvements along Collins Avenue to Address Flooding Issues</li> <li>■ Outfall Assessment for Collins Avenue and Alton Road Drainage Systems and Provide Recommendations and Costs for Repairs</li> <li>■ Ives Dairy Road and I-95 Noise Wall drainage Assessment and Construction Plans</li> <li>■ Collins Avenue between Lincoln Road and 26th Street flooding assessments</li> <li>■ NW 84th Street and W 32nd Avenue (I-75 Frontage Road) Drainage Design</li> <li>■ NW 119th Street and N. Miami Avenue (Marathon Gas Station) offsite flooding</li> <li>■ City of Miami Drainage Improvements</li> <li>■ Collins at 93rd Street drainage improvements, Miami Beach, Florida</li> <li>■ Krome Avenue Drainage Design criteria for Design/Build District Contract</li> <li>■ Collins Avenue Pump Station Evaluation Report and Storm Sewer Pump Station design</li> <li>■ Harding Avenue Pump Station Evaluation Report and Storm Sewer Pump Station design</li> <li>■ SW 87th Ave. and 104th Street assessment for flooding and construction plans, Miami, Florida</li> <li>■ Preparation of Exfiltration Trench Design Handbook and ICPR Applications Manual</li> </ul> </div> <div style="width: 30%;">  </div> </div> <p>ADA was selected as the first District 6 Districtwide Drainage Design and Plans Review Consultant in 2002 and was reselected in 2005, 2008, 2011 and 2015.</p>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name A.D.A. Engineering, Inc.	(2) FIRM LOCATION (City and State) Doral, Florida	(3) ROLE Prime Consultant

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**Discipline**


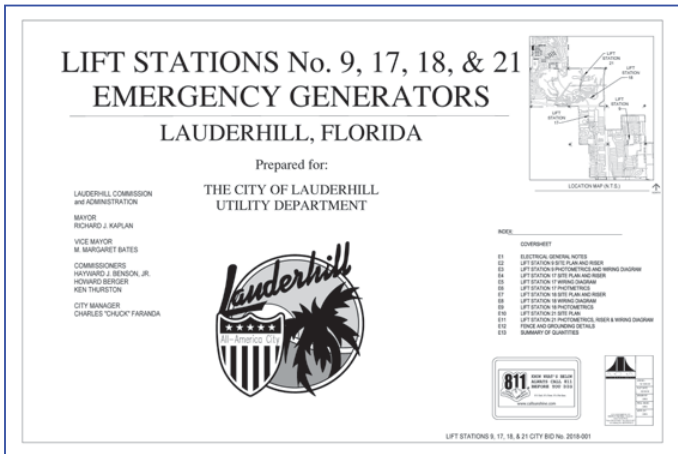
General Civil and Environmental Engineering Services

**Firm**



## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER	
		6	
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED		
LIFT STATIONS NO. 9, 17, 18, & 21 EMERGENCY GENERATORS City of Lauderhill, Florida	<div>PROFESSIONAL SERVICES</div> <div>CONSTRUCTION (If applicable)</div> <div>2018</div> <div>Ongoing</div>		
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Lauderhill	Juan Martin Cala, PE	(954) 730-2961	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>ADA was retained by the City of Lauderhill to provide electrical engineering design and post-design inspection services, including inspections. Under this contract, ADA sized and designed installation of new emergency generators at multiple lift stations. Installation also included automatic transfer switches battery charger and jacket heater connections, and control cabinet modifications. Exterior lighting was also designed and provided as part of the scope of work. Generator sizes as follows:</p> <ul style="list-style-type: none"> <li>Lift Station #9 – 80 kW, 120/240V, 3 phase w/ 300 gallon sub-base fuel tank.</li> <li>Lift Station #17 – 200 kW, 277/480V, 3 phase w/ 570 gallon sub-base fuel tank.</li> <li>Lift Station #18 – 150 kW, 277/480V, 3 phase w/ 570 gallon sub-base fuel tank.</li> <li>Lift Station #21 – 200 kW, 277/480V, 3 phase w/ 570 gallon sub-base fuel tank.</li> </ul>			
<div>   </div>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)	(3) ROLE
	A.D.A. Engineering, Inc.	Doral, Florida	Prime Consultant

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Discipline


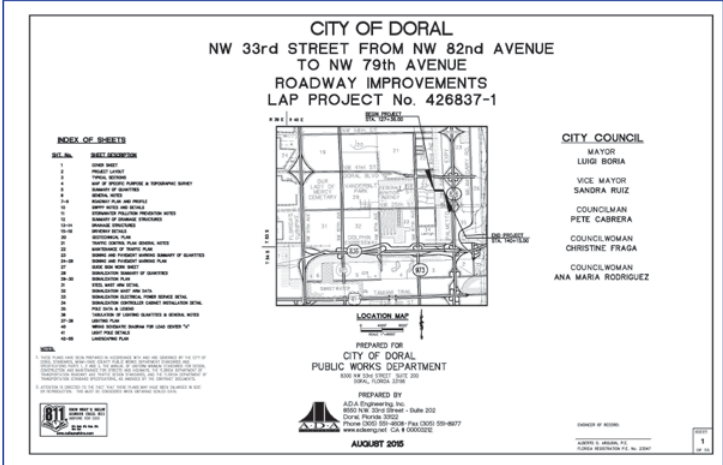
Electrical Engineering Services

Firm



## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER
		7
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED
NW 33RD STREET RECONSTRUCTION Doral, Florida		PROFESSIONAL SERVICES      CONSTRUCTION (If applicable)
		2015      Ongoing
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Doral	Carlos Arroyo, CFM	(305) 593-6740
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		
<p>ADA was retained by the City of Doral to provide roadway design lighting and signalization design as part of the NW 33<sup>rd</sup> Street Reconstruction.</p> <p>New mast arms, signal heads and pedestrian signals/detectors were provided at the intersection of NW 33<sup>rd</sup> Street and NW 79<sup>th</sup> Avenue. Vehicle detection loops and a signal operation plan (SOP) were included in the design.</p> <p>The lighting design consisted of a photometric analysis along NW 33<sup>rd</sup> Street from NW 82<sup>nd</sup> Avenue to NW 79<sup>th</sup> Avenue. Eighteen (18) decorative 18' poles with pole top luminaires were staggered along the project corridor.</p> <p>Utility coordination was conducted with Florida Power and Light as well as Bellsouth. Plans were also submitted to the Miami-Dade Public Works Department for approval.</p>		
<div style="display: flex; justify-content: space-around;">   </div>		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)
	A.D.A. Engineering, Inc.	Doral, Florida
		(3) ROLE
		Prime Consultant

STANDARD FORM 330 (REV. 8/2016) PAGE 3



Discipline

Electrical Engineering Services

Firm



TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  <b>8</b>
21. TITLE AND LOCATION (City and State) <b>UPGRADES TO LAWRENCE / RIVERVIEW STORM SEWER PUMP STATIONS</b> Miami, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES      CONSTRUCTION (If applicable) <b>2014</b>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami Capital Improvements Program	b. POINT OF CONTACT NAME Elyrosa Estevez, PE	c. POINT OF CONTACT TELEPHONE NUMBER (305) 416-1295
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		
<p>ADA completed the design of electrical and mechanical improvements at the Lawrence and Riverview storm sewer pump stations. For the Lawrence pump station, in addition to the installation of new 150 hp and 200 hp pumps, a new electrical service was provided. Reduced voltage (soft start) combination motor starters were also included as part of the design to limit the inrush current when starting the backup generator.</p> <p>Two new 500 hp pumps were provided as of the electrical improvements to the Riverview pump station. A new 3000A electrical service and switchboard were also provided to supply to the (2) 500 hp pump as well as the (2) existing 400 hp pumps and building loads. As with the Lawrence pump station, reduced voltage combination motor starters were utilized.</p>		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) Firm Name <b>A.D.A. Engineering, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Doral, Florida</b>	(3) ROLE <b>Prime Consultant</b>

STANDARD FORM 330 (REV. 8/2016) PAGE 3

	<b>Discipline</b> Electrical Engineering Services	<b>Firm</b> 
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## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  <b>9</b>	
21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
<b>SW 8TH STREET &amp; SW 67TH AVENUE</b> Miami, Florida		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2017
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Florida Department of Transportation, District 6	Ana T. Arvelo, PE	(305) 470-5210	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
<p>ADA was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project for the intersection of SR 90/SW 8<sup>th</sup> Street intersection and SW 67<sup>th</sup> Avenue. This project originated from a pedestrian fatality involving a vehicle that lost control onto the sidewalk. The improvements were meant to improve pedestrian safety by improving the pavement friction, improving signing and pavement markings, upgrading the pedestrian features, and improving pedestrian lighting at the signalized intersection.</p> <p>Electrical improvements consisted of the upgrading of pedestrian signalization characteristics including the addition of fully actuated LED, countdown pedestrian signals at all intersections. Additional improvements included LED lighting retrofits at the signalized intersection. Vertical illumination levels at the crosswalks for the direct approaches were increased for pedestrian safety. This LED retrofit project was the first intersection lighting retrofit in District 6 (Miami-Dade County).</p>			
 			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	<b>A.D.A. Engineering, Inc.</b>	<b>Doral, Florida</b>	<b>Prime Consultant</b>

STANDARD FORM 330 (REV. 8/2016) PAGE 3

**Discipline**

Electrical Engineering Services

**Firm**



## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  <b>10</b>
21. TITLE AND LOCATION (City and State) <b>ARCH CREEK G-58 GATE REPLACEMENT AND REFURBISHMENT</b> Miami, FL		22. YEAR COMPLETED  2016
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Florida Department of Transportation, District 6	b. POINT OF CONTACT NAME Ricardo J. Salazar, Jr., PE	c. POINT OF CONTACT TELEPHONE NUMBER (305) 470-5264
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		
<p>ADA was retained by the Florida Department of Transportation, District 6 to provide electrical engineering services for replacement and refurbishment of the Arch Creek G-58 Gate. The scope of work included the design of a new control building complete with a 25 kw standby generator and new electrical service. Provisions for connection of a load bank were also included for periodic testing and maintenance of the standby generator. The facility was outfitted with solar panels to reduce utility energy consumption. Remote transmitting units and control diagrams were also included as part of the construction documents. Magnesium anodes were also utilized for cathodic protection. New electrical equipment also included, but was not limited to, panelboards, reversing combination motor starters, antenna for telemetry, and new exterior lighting.</p>		
<div style="display: flex; justify-content: space-around;">   </div>		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) Firm Name <b>A.D.A. Engineering, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Doral, Florida</b>	(3) ROLE <b>Prime Consultant</b>

STANDARD FORM 330 (REV. 8/2016) PAGE 3

**Discipline**

Electrical Engineering Services

**Firm**



## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER	
		11	
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED		
SR 817/NW 27TH AVENUE SAFETY PROJECT Miami Gardens, Florida	PROFESSIONAL SERVICES 08/20/2015	CONSTRUCTION (If applicable) 02/08/2017	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Florida Department of Transportation, District 6	Bao-Ying Wang, PE	(305) 470-5211	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>ADA was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project. SR 817/NW 27th Avenue from NW 165th Street to NW 171st Street is a divided, 6-lane, north-south corridor located in the City of Miami Gardens in Miami-Dade County. The intent of the project was to reduce documented crashes by implementing the specific and targeted safety improvements listed below.</p> <p>The scope of work included improvements listed below encompassing FDOT certifications 3.1, 4.1.1, 7.1, 7.3, and 15.0:</p> <ul style="list-style-type: none"> <li>Convert the innermost northbound and southbound thru lanes into left-turn lane to provide dual left-turn lanes</li> <li>Access management by extending landscaped medians and traffic separators with decorative pavers</li> <li>Replacement of overpass crash cushions to accommodate dual left-turn</li> <li>Signalization Improvements to accommodate the new movements including             <ul style="list-style-type: none"> <li>-3 new mast arms; modification of dual mast arms to single; new pedestrian detectors and signal heads</li> </ul> </li> <li>Spot pavement milling and resurfacing</li> <li>Adjustments of utilities affected by the milling and resurfacing and sidewalk reconstruction</li> <li>Additional improvements to comply with Americans with Disabilities Act criteria</li> <li>Upgrading signing, pavement markings, and channelization design including modification of overhead signing</li> </ul> <p>ADA has also provided support services including:</p> <ul style="list-style-type: none"> <li>Project Management</li> <li>Contract Maintenance</li> <li>Public Involvement Assistance</li> <li>Construction Contract Plans</li> <li>Specifications Package</li> <li>Design Packages</li> <li>Site reviews</li> <li>Coordination and assistance in procuring: 1 Right of Way parcel for mast arm installation, modification of existing MMOA with the City, and Maintenance Map</li> </ul>			
<p><b>MODIFIED TRAFFIC SEPARATOR**</b></p> <p>PAVERS: 8"X8" ARCHITECTURAL BRICK PAVERS MINIMUM THICKNESS 2 1/2" INCH AND 1/4" RISE PER INCH THICKNESS AS PER MANUFACTURER'S SPECIFICATIONS (AS APPROVED BY THE ENGINEER)</p> <p>COLOR: BRICK RED</p> <p>PATTERN: PLAZA STANDARD MECHANICAL 45 DEGREE HERRINGBONE</p>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)	(3) ROLE
	A.D.A. Engineering, Inc.	Doral, Florida	Prime Consultant

STANDARD FORM 330 (REV. 8/2016) PAGE 3



Discipline

FDOT Roadway Engineering Services

Firm



## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER
		12
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED
SR 953/LEJEUNE ROAD/SW 42ND AVENUE SAFETY PROJECT Coral Gables, Florida		PROFESSIONAL SERVICES      CONSTRUCTION (If applicable) 02/24/2016      04/7/2017
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation, District 6	Fabiana Gonzalez, PE	(305) 470-5183
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		
<p>ADA was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project. SR 953/LeJeune Road/SW 42<sup>nd</sup> Avenue from Almeria Avenue to Majorca Avenue is a divided, 4-lane, north-south corridor located in the City of Coral Gables in Miami-Dade County. The intent of the project was to reduce documented crashes by implementing the specific and targeted safety improvements listed below.</p> <p>The scope of work included improvements listed below encompassing FDOT certifications 3.1, 7.1, 7.2, 7.3, and 15.0:</p> <ul style="list-style-type: none"> <li>Implementation of the City of Coral Gables Bicycle Master Plan at Alhambra Circle considering Right of Way constraints</li> <li>Access management by installing raised/landscaped/irrigated medians at three intersections to restrict left-turning movements</li> <li>Inside widening for positive left-turn offset at the intersection of LeJeune and Alhambra Circle (east/west left-turns). Design around existing historical banyan tree on historic Alhambra Circle median</li> <li>Traffic calming and pedestrian crossing improvements by providing bulb-outs at LeJeune Road and Alhambra Circle</li> <li>Drainage improvements to account for new impervious areas at the widening locations and at bulb-outs</li> <li>Complete signalization reconstruction at the intersection of LeJeune and Alhambra Circle to provide: <ul style="list-style-type: none"> <li>-4 new mast arms; new controller cabinet; new service disconnects; new pedestrian detectors and signal heads</li> </ul> </li> <li>Spot pavement milling and resurfacing</li> <li>Adjustments of utilities affected by the milling and resurfacing and sidewalk reconstruction</li> <li>Additional improvements to comply with Americans with Disabilities Act criteria</li> <li>Upgrading signing, pavement markings, and channelization design</li> </ul> <p>ADA has also provided support services including:</p> <ul style="list-style-type: none"> <li>Project Management</li> <li>Contract Maintenance</li> <li>Public Involvement Assistance</li> <li>Construction Contract Plans</li> <li>Specifications Package</li> <li>Design Packages</li> <li>Site reviews</li> <li>Coordination and assistance in procuring: 2 License Agreements, Maintenance Map, MMOA, DFA, and Off-System Maintenance Agreement</li> </ul>		
  		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)
	A.D.A. Engineering, Inc.	Doral, Florida
		(3) ROLE
		Prime Consultant

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Discipline




FDOT Roadway Engineering Services

Firm



## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER	
		13	
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED		
SR 90/SW 8TH STREET SAFETY PROJECT Unincorporated Miami-Dade, Florida	PROFESSIONAL SERVICES 10/10/2016	CONSTRUCTION (If applicable) 08/08/2017	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Florida Department of Transportation, District 6	Ana T. Arvelo, PE	(305) 470-5210	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
 <p>ADA was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project for the intersection of SR 90/SW 8th Street intersection and SW 67th Avenue. This project initiated from a pedestrian fatality involving a vehicle that lost control onto the sidewalk. The improvements were meant to improve pedestrian safety by improving the pavement friction, improving signing and pavement markings, upgrading the pedestrian features, and improving pedestrian lighting at the signalized intersection.</p> <p>The scope of work included improvements listed below</p> <p>encompassing FDOT certifications 3.1, 7.1, 7.2, and 7.3:</p> <ul style="list-style-type: none"> <li>Milling and resurfacing the intersection up to the beginning of the approach left-turn lanes (all 4 legs)</li> <li>Removal of the concrete decorative crosswalk to improve pavement friction</li> <li>Cross slope correction of the center (left-turn lanes) along SR 90</li> <li>Adjustments of utilities affected by the milling and resurfacing and sidewalk reconstruction</li> <li>Reconstruction of curb ramps and Detectable Warning Surfaces</li> <li>Additional improvements to comply with Americans with Disabilities Act criteria</li> <li>Upgrading signing, pavement markings, and channelization design</li> <li>LED Lighting Retrofit for signalized intersections (First Intersection Lighting Retrofit in District 6)</li> <li>Upgrading pedestrian signalization characteristics including:             <ul style="list-style-type: none"> <li>- fully actuated LED, countdown pedestrian signals at all intersections</li> </ul> </li> </ul> <p>ADA has also provided support services including:</p> <ul style="list-style-type: none"> <li>Project Management</li> <li>Contract Maintenance</li> <li>Public Involvement Assistance</li> <li>Construction Contract Plans</li> <li>Specifications Package</li> <li>Design Packages</li> <li>Site reviews</li> <li>Environmental coordination due to State Historical status</li> </ul>  			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)	(3) ROLE
	A.D.A. Engineering, Inc.	Doral, Florida	Prime Consultant

STANDARD FORM 330 (REV. 8/2016) PAGE 3



Discipline

FDOT Roadway Engineering Services

Firm





## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER
			<b>14</b>
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
SR 934/E. 25TH STREET/E. 79TH STREET SAFETY PROJECT Hialeah, Florida		PROFESSIONAL SERVICES 05/24/2018	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Florida Department of Transportation, District 6	Jason Chang, PE	(305) 470-5331	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>ADA was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project. SR 934/E. 25th Street/E. 79th Street from E. 4th Avenue/NW 47th Avenue to E. 12th Avenue/NW 37th Avenue is a divided, 4-lane east-west corridor located in the City of Hialeah in Miami-Dade County. The intent of the project was to reduce documented crashes by implementing the specific and targeted safety improvements listed below.</p> <p>The scope of work included improvements listed below encompassing FDOT certifications 3.1, 7.1, 7.2, 7.3 and 15.0:</p> <ul style="list-style-type: none"> <li>• Converting existing permissive signalized left-turn movements to protected only at two intersections</li> <li>• Spot pavement milling and resurfacing</li> <li>• Adjustments of utilities affected by the milling and resurfacing and sidewalk reconstruction</li> <li>• Drainage improvements to account for proposed bulb-outs at one intersection. Bulb-out was an innovative idea by the Designer to avoid Right of Way acquisition/impacts</li> <li>• New pedestrian mid-block crosswalk with approved RRFB and pedestrian detection assemblies</li> <li>• Access management by installing raised concrete median</li> <li>• Inside widening for positive left-turn offset at three intersections</li> <li>• Reconstruction of curb ramps and Detectable Warning Surfaces</li> <li>• Additional improvements to comply with Americans with Disabilities Act criteria</li> <li>• Upgrading signing, pavement markings, and channelization design</li> <li>• Upgrading 4 signalized intersections including:             <ul style="list-style-type: none"> <li>- 1 mast arm replacement</li> <li>- 4 post-mounted vertical signal heads</li> <li>- upgrade signal heads to new LED installations</li> </ul> </li> </ul> <p>ADA has also provided support services including:</p> <ul style="list-style-type: none"> <li>• Project Management</li> <li>• Contract Maintenance</li> <li>• Public Involvement Assistance</li> <li>• Construction Contract Plans</li> <li>• Specifications Package</li> <li>• Design Packages</li> <li>• Site reviews</li> <li>• Coordination for MMOA for median Landscaping with the City</li> <li>• Metrorail Right of Way Permit Coordination</li> <li>• County Right of Way Permit Coordination</li> </ul>			
  			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)	(3) ROLE
	A.D.A. Engineering, Inc.	Doral, Florida	Prime Consultant

STANDARD FORM 330 (REV. 8/2016) PAGE 3



Discipline

FDOT Roadway Engineering Services

Firm



## TAB 2 – STANDARD FORM 330 (PART I SECTION F)

2

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER	
		15	
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
SR 94/SW 88TH ST./NORTH KENDALL DR. RRR/SAFETY PROJECT Unincorporated Miami-Dade, Florida		PROFESSIONAL SERVICES 07/16/2018 (Final Plans) CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Florida Department of Transportation, District 6	Jason Chang, PE	(305) 470-5331	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
 <p>from SW 77<sup>th</sup> Ave. to SR 5/ US-1/ S. Dixie Hwy and the limits of RRR project are from SW 79<sup>th</sup> Ave. to SR 5/US 1/ S. Dixie Hwy.</p> <p>The scope of work included improvements listed below encompassing FDOT certifications 3.1, 7.1, 7.2, 7.3 and 15.0:</p> <ul style="list-style-type: none"> <li>Design new pedestrian crossings at 3 signalized intersections</li> <li>Pavement milling and resurfacing</li> <li>Adjustments of utilities affected by the milling and resurfacing and sidewalk reconstruction</li> <li>Drainage improvements to account for additional impervious areas and to avoid signalization conflict and eliminate all Right of Way takings for proposed features</li> <li>Upgrade median guardrails</li> <li>Access management</li> <li>Inside widening for positive left-turn offset</li> <li>Reconstruction of curb ramps and Detectable Warning Surfaces</li> <li>Additional improvements to comply with Americans with Disabilities Act criteria</li> <li>Upgrading signing, pavement markings, and channelization design</li> <li>LED Lighting Retrofit for signalized intersections</li> <li>Upgrading 7 signalized intersections including: <ul style="list-style-type: none"> <li>- 7 mast arm replacements</li> <li>- 5 electrical service disconnect upgrades</li> <li>- Fully actuated LED, countdown pedestrian signals at all intersections</li> <li>- Pedestrian pushbutton detectors for the hearing impaired (coordinated with a resident)</li> </ul> </li> </ul> <p>ADA has also provided support services including:</p> <ul style="list-style-type: none"> <li>Project Management</li> <li>Contract Maintenance</li> <li>Public Involvement Assistance</li> <li>Construction Contract Plans</li> <li>Specifications Package</li> <li>Design Packages</li> <li>Site reviews</li> <li>Right of Way Coordination</li> <li>County Right of Way Permit Coordination</li> </ul>		<p>ADA was retained by the Florida Department of Transportation, District 6 to provide engineering services for this dual Resurfacing, Restoration, and Rehabilitation (RRR) Project and Safety Improvement Project. SR 94/SW 88th St./North Kendall Dr. is a divided, six-lane east-west corridor located in southwestern unincorporated Miami-Dade County. The road is classified as an Urban Principal Arterial. The limits of the safety improvements project are</p>  	
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION (City and State)	(3) ROLE
	A.D.A. Engineering, Inc.	Doral, Florida	Prime Consultant

STANDARD FORM 330 (REV. 8/2016) PAGE 3



Discipline

FDOT Roadway Engineering Services




Firm





## 2

## G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

	BCC ENGINEERING, INC.
	GSLA DESIGN, INC.
	MANUEL G. VERA & ASSOCIATES, INC.
	MCLAUGHLIN ENGINEERING CO.

## 29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NO.	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	City of Lauderhill Miscellaneous Civil Engineering Services	6	City of Lauderhill Lift Stations No. 9, 17, 18, & 21 Emergency Generators
2	Town of Davie Civil Engineering Services Contract	7	City of Doral NW 33rd Street Reconstruction
3	City of Miami Civil Engineering Services for Miscellaneous Projects	8	City of Miami Upgrades to Lawrence / Riverview Storm Sewer Pump Stations
4	City of Doral General Consultants for Engineering and Architectural Services	9	FDOT District 6: SW 8th Street & SW 67th Avenue
5	FDOT District 6: Districtwide Drainage Design and Plans Review Consultant Services	10	FDOT District 6: Arch Creek G-58 Gate Replacement and Refurbishment

## 2

[illegible]

NO.	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NO.	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
11	FDOT D6: SR 817/NW 27th Avenue Safety Project	16	
12	FDOT D6: SR 953/LeJeune Road/SW 42nd Avenue Safety Project	17	
13	FDOT D6: SR 90/SW 8th Street Safety Project	18	
14	FDOT D6: SR 934/E. 25th Street/E. 79th Street Safety Project	19	
15	FDOT D6: SR 94/SW 88th St./North Kendall Dr. RRR/Safety Project	20	

TAB 2 – STANDARD FORM 330 (PART I SECTION H)

2

H. ADDITIONAL INFORMATION

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

PAST PERFORMANCE

ADA has an excellent reputation for producing quality technical engineering and construction management services for private and public clients. This team's commitment to clients and communities is best demonstrated by our past performance, the number of projects successfully completed and satisfied clients. Over the past 37 years, ADA has successfully completed hundreds of projects for private and public clients. As a result, ADA has developed an excellent reputation for producing cost-effective engineering solutions. Past performance with respect to quality of work and compliance with performance schedules is indicated by repeat business from customers. Over 80 percent of ADA's fees are derived from repeat business.

ADA was also recently awarded the American Public Works Association (APWA) 2013 Project of the Year for the Canals 26, 28, & 29 Bank Stabilization and Debris Removal project for the City of Lauderhill. ADA also received the APWA 2012 Project of the Year for the Canal Bank Stabilization Feasibility Report, Design and Construction Administration project for the City of Doral. Included below are also past evaluations from key clients which further demonstrate ADA's exemplary performance.

1 FLORIDA DEPARTMENT OF TRANSPORTATION  
PROFESSIONAL SERVICES - GRADE REPORT

+ CONTRACT # : CMM05 FINANCIAL MGT NUMBER: 41143313202  
DESCRIPTION : D/W DRAINAGE DESIGN & PLAN REV  
CONSULTANT : A.D.A. ENGINEERING, INC.  
ADDRESS :  
8550 NW 33rd Street, Suite 101  
Doral, FL 33122  
DOT PROJ MGR: Salazar, Ricardo F

+ SUMMARY OF CONTRACT GRADES ASSIGNED

TYPE OF WORK	QUAL	SCHED	MGMT	COMP	DATE GRADED	GRADE TYPE	ENTERED BY	REVIEWED BY	UPDATED BY
3.2	4.8	5.0	4.8	4.8	09JAN2008	INTERVAL	RICARDO SALAZAR	RICARDO SALAZAR	
3.2	4.8	4.8	4.9	4.8	24MAR2009	INTERVAL	RICARDO SALAZAR	RICARDO SALAZAR	

1 QUALITY GRADES FOR CONTRACT: CMM05 GRADING TYPE: INTERVA  
0 WORK TYPE: 3.2 FIRM GRADED: A.D.A. ENGINEERING, INC.

+ TEST SCORE RANGE

TEST	SCORE	RANGE
01. Compliance with Project Scope.	5	1-5
2. Typical Section Package.	5	1-5
3. Phase Submittals.	5	1-5
4. Variations and Exceptions.	5	1-5
5 Geometrics/Engineering Reports.		
6. Pavement Design Package.		
7. Roadway Drainage Design(Exercised good judgment according to criteria in the Drainage Manual, FH Standards, Drainage Handbooks, District Drainage		
8. Stormwater Management Facility Design & WMD R		
9. Environmental Permitting Services(Corps of En USGC, Local Permits, etc.).		
10. Bridge Hydraulics Report, including Scour Ca Deck Drainage.		
11. Earthwork and Soils.		
12. Utility Coordination/Adjustments(Timely Phase and Review).		
13. Utility Agreements and Work Schedules.	5	1-5
14. Traffic Control Plans/Maintenance of Traffic.	5	1-5
15. Miscellaneous Structures Plans.	4	1-5
16. Right of Way Requirements and Coordination.	5	1-5
17. Local Agency Coordination and Public Meetings.	5	1-5
18. Pay Items and Quantities.	4	1-5
19. Overall Content, Format and Assembly of Roadway Plans.	5	1-5
20. Maintain and Update Construction Cost Estimates.	5	1-5
21. Specifications.	5	1-5
22. Electronic Delivery.	4	1-5

+ (Total of Test Scores/Sum of Maximum Score Range) \*5 = QUALITY4.8

1 SCHEDULE AND MANAGEMENT GRADES FOR CONTRACT: CMM05  
0 GRADED FIRM: A.D.A. ENGINEERING, INC.

+ OSCHEDULE GRADE SECTION

PERFORMANCE RATING SCALE
1 2 3 4 5
Sorely Lacking Sometimes misses Meets the standard/ Sometimes exceeds Sets the standard/ Would not the mark/Does standard/ standard/Shows Exemplary recommend well enough to does a some extra effort performance get by good job

Note: An overall score of 3 is considered satisfactory performance.  
The maximum score attainable is 5.

-1. Project Phase Submittals(40%)	5
2. Project Milestones (20%)	5
3. Status Reports/Schedule Updates (20%)	5
4. Other Project Deliverables (20%)	5
-Overall Schedule Evaluation for Interval:	5.0

Florida Dept. of Transportation, District 6

5 out of 5 Rating

## TAB 2 – STANDARD FORM 330 (PART I SECTION H)

2

Name of Project: SR 836 Eastbound Shoulder Use Project (Misc. Design Services Contract) (MDX)

Scope of work: Design of improvements to convert SR 836 eastbound shoulder into part of the roadway.

Value of project: \$ +/- 800,000 Value of Design Services: \$76,130

Delivery method: ☒ Design-Bid-Build ☐ CM@Risk ☐ Design-Build ☐ Other ( )Design completed on time & within budget: ☒ Yes ☐ No Date completed: If no, was the Consultant at fault or contribute to the delay(s) or increased cost? ☐ Yes ☐ NoQuality of Design: ☒ Above expectations ☐ Average ☐ Below ExpectationsErrors & Omissions: ☒ Above expectations ☐ Average ☐ Below Expectations  
(Above expectations means there were fewer errors & omissions than anticipated)Did Errors & Omissions result in increased construction cost? ☐ Yes ☒ NoDid Consultant provide Construction Administration services? ☐ Yes ☒ No ☐ limited scopeWas the Consultant responsive to the Owner & Contractor?: ☒ Yes

Comments:

Team expedited the project and came in before anticipated schedule.

Name of individual completing this form: Alfred Lurigados, PE

Signature:  Title: Director of Engineering

Telephone: (305) 637-3277

E-mail: alurigados@

Palm Beach County Water Utilities Dept.

Name of Project: FPL W. County Facility Reclaimed Water Main Dsgn.Support - PBC Water Utilities Dept.

Scope of work: Pipeline design support (36-inch reclaimed water main) for FPL West County Facility

Value of project: \$ 66 million Value of Design Services: \$98,900

Delivery method: ☒ Design-Bid-Build ☐ CM@Risk ☐ Design-Build ☐ Other ( )Design completed on time & within budget: ☒ Yes ☐ No Date completed: If no, was the Consultant at fault or contribute to the delay(s) or increased cost? ☐ Yes ☐ NoQuality of Design: ☒ Above expectations ☐ Average ☐ Below ExpectationsErrors & Omissions: ☒ Above expectations ☐ Average ☐ Below Expectations  
(Above expectations means there were fewer errors & omissions than anticipated)Did Errors & Omissions result in increased construction cost? ☐ Yes ☒ NoDid Consultant provide Construction Administration services? ☐ Yes ☐ No ☒ limited scopeWas the Consultant responsive to the Owner & Contractor?: ☒ Yes ☐ No

Comments:

Fast-Tracked major project, outstanding effort by A.D.A. Engineering assisting our in-house designers

Name of Project: Little River Business District Roadway Improvements (City of Miami)

Scope of work: Roadway improvements as well as 9 gateway signs throughout the Little River Business District

Value of project: \$ 2,000,000 Value of Design Services: \$200,000

Delivery method: ☐ Design-Bid-Build ☐ CM@Risk ☐ Design-Build ☒ Other (JOC)Design completed on time & within budget: ☒ Yes ☐ No Date completed: If no, was the Consultant at fault or contribute to the delay(s) or increased cost? ☐ Yes ☐ NoQuality of Design: ☒ Above expectations ☐ Average ☐ Below ExpectationsErrors & Omissions: ☒ Above expectations ☐ Average ☐ Below Expectations  
(Above expectations means there were fewer errors & omissions than anticipated)Did Errors & Omissions result in increased construction cost? ☐ Yes ☐ NoDid Consultant provide Construction Administration services? ☐ Yes ☐ No ☒ limited scopeWas the Consultant responsive to the Owner & Contractor?: ☒ Yes ☐ No

Comments:

Consultants were professional and responsive.

Name of individual completing this form: John de Pazos

Date: 12/3/2012

Signature:  Title: Project Manager

Telephone: (305) 416-1094

E-mail: jdepazos@miamigov.com

City of Miami



## TAB 2 – STANDARD FORM 330 (PART I SECTION H)

2

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
**Contractor Performance Evaluation**

**Instructions:**  
Performance evaluations shall be completed by the Project Manager for the following: (1) all Contracts; (2) all Individual Work Orders with a term of 6 months or more. At a minimum, the Project Manager shall complete performance evaluations at the midpoint of the project term or at more frequent intervals as required by the Work Order and at the time of Work Order or Contract completion.

**It is especially important for the Project Manager to contact a Procurement representative to advise of any performance issues so that Procurement can assist with efforts to bring performance back to acceptable standards. It is equally important to complete this form whenever any of the performance indicators are either "marginal" or "unsatisfactory" even when this is not within the normal review cycle. In the event the Average Rating Score is "marginal" or "unsatisfactory" even after reasonable efforts have been taken by the District to improve performance, the Project Manager shall coordinate with Procurement to determine what action needs to be taken under the circumstances.**

When completed, forward the evaluation form to Procurement. Procurement will keep track of the Average Rating Scores (Line 11) for all evaluations completed for the entire term of the Contract/Work Order. The completed Performance Evaluation form will be retained in Procurement and will be available as a record of current performance for use in the evaluation process of future solicitations released by the District. The completed evaluation is available to the contractor upon a Public Records request pursuant to Chapter 119, F.S.

Contract/Work Order No. 4600000957/WO04R2 Contractor ADA Engineering, Inc. Evaluation Period 100% ☐ Interim ☒ Final  
Project Title STA 1W Expansion Project Hydraulic Study ☐ If evaluating under a work order contract, specify type (i.e., GEPS, SFS, IT, SAP, etc.) GEPS

Check the appropriate ratings for Lines 1 through 8.  
Sum the individual ratings by column to produce the Individual Column Ratings on Line 9.  
Sum the Individual Column Ratings in Line 9 to produce the Total Rating Score on Line 10.  
Divide the Total Rating Score in Line 10 by the number 8 (the number of performance indicators in Lines 1-8) to produce the Average Rating Score in Line 11.

Performance Indicators	Rating	Unsatisfactory	Marginal	Satisfactory	Very Good	Exceptional
1. Planning & Approach	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5					
2. Staff Capability	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5					
3. Staff Effectiveness	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5					
4. Flexibility in Meeting District Goals	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5					
5. Promptness of Deliverables/Milestones/Reports	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5					
6. Report Quality	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5					
7. Quality of Work Completed	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5					
8. Contract Under or at Budgeted Cost and Invoicing Procedures	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5					
9. Individual Column Rating (Total lines 1-8)	0	0	0	20	15	
10. Total Rating Score (Total line 9)	35					
11. Average Rating Score (Divide line 10 by the number 8)	4.38					

Form 1522 (06/2012) (4.375) Page 1 of 2

12. Attachments or other information necessary to support the ratings given in Lines 1 through 8 as well as any additional comments regarding SBE: \_\_\_\_\_

13. Current work completed ahead of schedule? If no, number of days late: \_\_\_\_\_ and reason: \_\_\_\_\_ ☐ Yes ☒ No

14. Contract currently under budget? If not at budget, specify amount over \$ \_\_\_\_\_ and reason: \_\_\_\_\_ ☐ Yes ☒ No

15. Contractor strengths: Flexibility in meeting the District's goals. ADA's staff is very capable in Hydraulic Modeling. \_\_\_\_\_

16. Contractor weaknesses: None observed. \_\_\_\_\_

17. Specific problems incurred: No \_\_\_\_\_

18. List of keys to District structures/controlled areas should be included in this section. Contact Mary Margaret Mahon for detailed history at extension of keys may lead to deeming a contractor as non-responsible in conjunction with future solicitations. \_\_\_\_\_

19. Recommendations: NA \_\_\_\_\_

20. Form for future contracts/work orders of this type? If "No" or "Possibly", an explanation must be provided in Line 22 below. ☒ Yes ☐ No ☐ Possibly

21. Initial comments corresponding to Performance Indicators (Lines 1-8) on Page 1 - explain marginal/unsatisfactory performance; if either "No" or "Possibly" on section 21, an explanation must be provided here. Additional sheets may be attached if necessary. \_\_\_\_\_

22. Additional page for comments \_\_\_\_\_

**CONTRACT MANAGEMENT/PROCUREMENT & SBE SECTION USE ONLY**

Comments corresponding to the numbered question on Page 1 and/or Page 2: \_\_\_\_\_

SFP Compliant ☒ Yes ☐ No Comments: SFP Prime Contractor Date 2/6/14 Collector M. Lobb Date 2/6/14

Page 2 of 2

**Attachment to Contractor Performance Evaluation**  
**Contract/Work Order no. 4600000957/WO04R2**

**#1 – Planning & Approach**

ADA has been exceptional in helping the District through this complex STA 1W Expansion alternative selection process. They have gone beyond what was requested from them in the SOW without requesting any additional money. Although they were supposed to participate in 5 meetings, they have participated in 12 official meetings and a numerous informal meetings and conference calls. They have always been a step ahead recommending approaches in this alternative selection process and even have gone through additional steps that are not in SOW to make sure the report is to SFWMD satisfaction. These additional steps include developing 26 alternative configuration sketches, in lieu of 12 to get SFWMD feedback and shortlist to 12. Then they added 5 configurations for Area no. 2. That was not part of the Work Order but they felt it was necessary and did not request additional compensation.

**#4 – Flexibility in Meeting District Goals**

ADA has been exceptional being as flexible as possible in order to meet District Goals since the beginning of the Work Order in February 2012 to the end. When the District decided to stop Work due to the litigation regarding the land, there was a 5 month hiatus. Due to this hiatus, HESM re-evaluated the 1D calibration after being approved and they requested changes 5 months later. ADA accepted to recalibrate the 1D and later the 2D in order to satisfy the District HESM group. Also, ADA suggested changing the order of deliverables in order to meet schedule dates. By performing the 1D long term modeling before the 2D model, schedules were met. Another request from the District was to run the 1D long term models for 4 alternatives with both truncated and non-truncated flows. This request resulted in additional runs and evaluation.

All these and many other actions without any change to the original cost of the Work Order reflect their interest on satisfying District Goals.

**#8 – Contract Under or at Budgeted Cost and Invoicing procedures**

As a result of all additional work ADA has done beyond the original SOW terms, it is expected for the original budgeted cost to increase. Nevertheless, all the SFWMD requests, work stoppages, etc... have been as fluid as possible with ADA. They have never suggested that they need any additional compensation for any of these actions and have been fully invested in getting this important part of the STA 1W project completed to SFWMD satisfaction.



## TAB 2 – STANDARD FORM 330 (PART I SECTION H)

2

## KNOWLEDGEABLE TEAM

For this project, ADA is collaborating with other highly skilled, South Florida headquartered firms with a history of delivering quality services. This team has been strategically assembled to address the issues associated with the anticipated project scope.



**BCC Engineering, Inc.** specializes in providing planning, final design, and construction management services for civil, environmental, structural, site development, traffic engineering, multi-modal transit, complete streets, and transportation engineering projects. For this pursuit, BCC will be providing services under the FDOT Roadway Engineering Services Classification and will be fulfilling FDOT Certifications 2.0 PD&E Studies, 6.1 Traffic Engineering Studies and 6.2 Traffic Signal Timing. BCC routinely participates on civil, transportation and structural engineering projects and has been responsible for many interesting and complex projects in Florida.



**GSLA Design, Inc.** has been one of South Florida's leading landscape architectural firms for over 30 years. We have the ability and experience to perform the work required. We have served a wide variety of public and private clients, with projects including parks, streetscapes, new communities, schools, condominiums, commercial centers and municipal projects throughout Miami-Dade, Broward and Palm Beach Counties. We have prepared master land use plans, generated site construction plans and details, as well as hardscape, planting, irrigation, and landscape lighting plans for projects up to \$600 million. For this pursuit, GSLA will be providing services under the FDOT Roadway Engineering Services Classification a will be fulfilling FDOT Certifications 15.0 Landscape Architect.



**McLaughlin Engineering Co.** has the necessary technical experience, background, and most importantly, personnel to undertake and deliver all aspects of the engineering, surveying and land planning professions. Since the company's inception in 1938, each and every employee has based their focus and service on a proactive, personal approach to client satisfaction. The company has a demonstrated history of successful state, county, municipal, school board and privately-owned projects that have required specific expertise in areas including water, sewer, and roadway design, site planning, construction management, environmental assessments, and engineering impact studies. In addition, the firm has a close working relationship with the Department of Environmental Protection, South Florida Water Management District, Broward County Department of Resource Protection and the Department of Health and Rehabilitative Services.



**Manuel G. Vera & Associates, Inc.** was established in 1973 and has been providing quality Surveying and Mapping services to both public and private clients for over 40 years in Florida. Our family business ideology is illustrated in our commitment to providing not only the highest quality but personal service to all our clients. Our commitment, our performance and our experience has resulted in repeat clients and multiple repeat selections on continuing service contracts. Since 1997 we have been continuously selected as the Survey Consultant for FDOT District Six and began providing "On Premise" Survey Project Managers to the District in 2012. For this pursuit, M.G Vera will be providing services under the FDOT Roadway Engineering Services Classification a will be fulfilling FDOT Certifications 8.1 Control Surveying, 8.2 Design, Right of Way and Construction Survey, and 8.4 Right of Way Mapping.

## GEOGRAPHIC LOCATION OF FIRM

The ADA Team is uniquely qualified to provide responsive technical services to the City under this contract. Key members of the team are located in ADA's Corporate Office (8550 NW 33<sup>rd</sup> Street, Suite 202, Doral, FL 33122), and at our branch offices located in West Palm Beach (1800 Old Okeechobee Road, Suite 202, West Palm Beach, FL 33409) and St. Petersburg (2023 1st Avenue N, St. Petersburg, FL 33713).

## TAB 2 – STANDARD FORM 330 (PART I SECTION H)

2

**CONCLUSION**

In conclusion, we would like to emphasize the following strengths that ADA offers:

- Multi-disciplinary team with solid technical expertise;
- *No Learning Curve*;
- Sound project approach for completing projects on time, within budget and with the highest quality and value to our clients;
- Capable of executing both small and large projects in a cost-effective manner;
- Experienced Project Manager, Principal QA/QC and Team Leaders;
- Outstanding Performance Evaluations.

We thank you for considering ADA for this contract and look forward to working with the City of Pembroke Pines.

**I. AUTHORIZED REPRESENTATIVE**

*The foregoing is a statement of facts.*

31. SIGNATURE



32. DATE

July 23, 2018

33. NAME AND TITLE

Ivette O. Argudin ■ Executive Vice President

## TAB 2 – STANDARD FORM 330 (PART II)

2

<b>ARCHITECT-ENGINEER QUALIFICATIONS</b>				1. SOLICITATION NUMBER (If any)	
<b>PART II - GENERAL QUALIFICATIONS</b>					
<i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>					
2a. FIRM (or Branch Office) NAME A.D.A. Engineering, Inc. (Miami Office - Headquarters)				3. YEAR ESTABLISHED 1981	4. UNIQUE ENTITY IDENTIFIER 15-353-9853
2b. STREET 8550 NW 33rd Street, Suite 202				<b>5. OWNERSHIP</b>	
2c. CITY Doral		2d. STATE FL	2e. ZIP CODE 33122	a. TYPE S Corporation	
6a. POINT OF CONTACT NAME AND TITLE  Ivette O. Argudin / Executive Vice President				b. SMALL BUSINESS STATUS DBE	
6b. TELEPHONE NUMBER 305-551-4608		6c. E-MAIL ADDRESS iargudin@adaeng.net		7. NAME OF FIRM (If Block 2a is a Branch Office)	
8a. FORMER FIRM NAME(S) (If any)				8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
<b>9. EMPLOYEES BY DISCIPLINE</b>				<b>10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS</b>	
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience
		(1) FIRM	(2) BRANCH		c. Revenue Index Number (see below)
02	Administrative	7		A06	Airports; Terminals and Hangars; Freight Handling
08	CADD Technician	1		C07	Coastal Engineering
12	Civil Engineers	7	2	C15	Construction Management
15	Construction Inspector	6		C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting
16	Construction Manager	1	1	E02	Educational Facilities; Classrooms
21	Electrical Engineer	1		E03	Electrical Studies and Design
23	Environmental Engineer	2		E09	Environmental Impact Studies, Assessments or Statements
29	GIS Specialist	1		G04	Geographic Information System Services: Development, Analysis, and Data Collection
42	Mechanical Engineer	2		H01	Harbors; Jetties; Piers, Ship Terminal Facilities
52	Sanitary Engineer	1		H07	Highways; Streets; Airfield Paving; Parking Lots
60	Transportation Engineer	5		L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)
62	Water Resources Engineer	5	4	P06	Planning (Site, Installation, and Project)
				P07	Plumbing & Piping Design
				R04	Recreation Facilities (Parks, Marinas, Etc.)
				R09	Resources Recovery; Recycling
				R11	Rivers; Canals; Waterways; Flood Control
				S04	Sewage Collection, Treatment and Disposal
				S07	Solid Wastes; Incineration; Landfill
				S13	Storm Water Handling & Facilities
				T03	Traffic & Transportation Engineering
	Other Employees			W02	Water Resources; Hydrology; Ground Water
				W03	Water Supply; Treatment and Distribution
<b>Total</b>		39	7		
<b>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS</b>		<b>PROFESSIONAL SERVICES REVENUE INDEX NUMBER</b>			
<i>(Insert revenue index number shown at right)</i>					
a. Federal Work	1	1. Less than \$100,000		6. \$2 million to less than \$5 million	
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000		7. \$5 million to less than \$10 million	
c. Total Work	6	3. \$250,000 to less than \$500,000		8. \$10 million to less than \$25 million	
		4. \$500,000 to less than \$1 million		9. \$25 million to less than \$50 million	
		5. \$1 million to less than \$2 million		10. \$50 million or greater	
<b>12. AUTHORIZED REPRESENTATIVE</b>					
<i>The foregoing is a statement of facts.</i>					
a. SIGNATURE  <i>Ivette O. Argudin</i>				b. DATE July 12, 2018	
c. NAME AND TITLE Ivette O. Argudin / Executive Vice President					

STANDARD FORM 330 (REV. 8/2016) PAGE 6

## TAB 2 – STANDARD FORM 330 (PART II)

2

<b>ARCHITECT-ENGINEER QUALIFICATIONS</b>				1. SOLICITATION NUMBER (If any)	
<b>PART II - GENERAL QUALIFICATIONS</b>					
<i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>					
2a. FIRM (or Branch Office) NAME A.D.A. Engineering, Inc. (West Palm Beach Office)				3. YEAR ESTABLISHED 1981	4. UNIQUE ENTITY IDENTIFIER 15-353-9853
2b. STREET 1800 Old Okeechobee Road, Suite 202				<b>5. OWNERSHIP</b>	
2c. CITY West Palm Beach				a. TYPE S Corporation	
2d. STATE FL		2e. ZIP CODE 33409		b. SMALL BUSINESS STATUS DBE	
6a. POINT OF CONTACT NAME AND TITLE  Ivette O. Argudin / Executive Vice President				7. NAME OF FIRM (If Block 2a is a Branch Office)  A.D.A. Engineering, Inc.	
6b. TELEPHONE NUMBER 305-551-4608		6c. E-MAIL ADDRESS iargudin@adaeng.net			
8a. FORMER FIRM NAME(S) (If any)				8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
<b>9. EMPLOYEES BY DISCIPLINE</b>				<b>10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS</b>	
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience
		(1) FIRM	(2) BRANCH		c. Revenue Index Number (see below)
02	Administrative	7		A06	Airports; Terminals and Hangars; Freight Handling
08	CADD Technician	1		C07	Coastal Engineering
12	Civil Engineers	7	2	C15	Construction Management
15	Construction Inspector	6		C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting
16	Construction Manager	1	1	E02	Educational Facilities; Classrooms
21	Electrical Engineer	1		E03	Electrical Studies and Design
23	Environmental Engineer	2		E09	Environmental Impact Studies, Assessments or Statements
29	GIS Specialist	1		G04	Geographic Information System Services: Development, Analysis, and Data Collection
42	Mechanical Engineer	2		H01	Harbors; Jetties; Piers; Ship Terminal Facilities
52	Sanitary Engineer	1		H07	Highways; Streets; Airfield Paving; Parking Lots
60	Transportation Engineer	5		L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)
62	Water Resources Engineer	5	2	P06	Planning (Site, Installation, and Project)
				P07	Plumbing & Piping Design
				R04	Recreation Facilities (Parks, Marinas, Etc.)
				R09	Resources Recovery; Recycling
				R11	Rivers; Canals; Waterways; Flood Control
				S04	Sewage Collection, Treatment and Disposal
				S07	Solid Wastes; Incineration; Landfill
				S13	Storm Water Handling & Facilities
				T03	Traffic & Transportation Engineering
	Other Employees			W02	Water Resources; Hydrology; Ground Water
				W03	Water Supply; Treatment and Distribution
<b>Total</b>		39	5		
<b>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS</b>				<b>PROFESSIONAL SERVICES REVENUE INDEX NUMBER</b>	
<i>(Insert revenue index number shown at right)</i>					
a. Federal Work		1		1. Less than \$100,000	
b. Non-Federal Work		6		2. \$100,000 to less than \$250,000	
c. Total Work		6		3. \$250,000 to less than \$500,000	
				4. \$500,000 to less than \$1 million	
				5. \$1 million to less than \$2 million	
				6. \$2 million to less than \$5 million	
				7. \$5 million to less than \$10 million	
				8. \$10 million to less than \$25 million	
				9. \$25 million to less than \$50 million	
				10. \$50 million or greater	
<b>12. AUTHORIZED REPRESENTATIVE</b>					
<i>The foregoing is a statement of facts.</i>					
a. SIGNATURE  <i>Ivette O. Argudin</i>				b. DATE July 12, 2018	
c. NAME AND TITLE Ivette O. Argudin / Executive Vice President					

STANDARD FORM 330 (REV. 8/2016) PAGE 6



## TAB 2 – STANDARD FORM 330 (PART II)

2

<b>ARCHITECT-ENGINEER QUALIFICATIONS</b>				1. SOLICITATION NUMBER (If any)		
<b>PART II - GENERAL QUALIFICATIONS</b>						
<i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>						
2a. FIRM (or Branch Office) NAME A.D.A. Engineering, Inc. (Tampa Bay Office)				3. YEAR ESTABLISHED 1981	4. UNIQUE ENTITY IDENTIFIER 15-353-9853	
2b. STREET 2023 1st Ave. North				<b>5. OWNERSHIP</b>		
2c. CITY St. Petersburg		2d. STATE FL	2e. ZIP CODE 33713	a. TYPE S Corporation		
6a. POINT OF CONTACT NAME AND TITLE  Ivette O. Argudin / Executive Vice President				b. SMALL BUSINESS STATUS DBE		
6b. TELEPHONE NUMBER 305-551-4608		6c. E-MAIL ADDRESS iargudin@adaeng.net		7. NAME OF FIRM (If Block 2a is a Branch Office)  A.D.A. Engineering, Inc.		
8a. FORMER FIRM NAME(S) (If any)				8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER	
<b>9. EMPLOYEES BY DISCIPLINE</b>				<b>10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS</b>		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	7		A06	Airports; Terminals and Hangars; Freight Handling	3
08	CADD Technician	1		C07	Coastal Engineering	3
12	Civil Engineers	7		C15	Construction Management	5
15	Construction Inspector	6		C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	2
16	Construction Manager	1		E02	Educational Facilities; Classrooms	1
21	Electrical Engineer	1		E03	Electrical Studies and Design	3
23	Environmental Engineer	2		E09	Environmental Impact Studies, Assessments or Statements	1
29	GIS Specialist	1		G04	Geographic Information System Services: Development, Analysis, and Data Collection	2
42	Mechanical Engineer	2		H01	Harbors; Jetties; Piers; Ship Terminal Facilities	2
52	Sanitary Engineer	1		H07	Highways; Streets; Airfield Paving; Parking Lots	4
60	Transportation Engineer	5		L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)	2
62	Water Resources Engineer	5	2	P06	Planning (Site, Installation, and Project)	3
				P07	Plumbing & Piping Design	2
				R04	Recreation Facilities (Parks, Marinas, Etc.)	2
				R09	Resources Recovery; Recycling	1
				R11	Rivers; Canals; Waterways; Flood Control	2
				S04	Sewage Collection, Treatment and Disposal	5
				S07	Solid Wastes; Incineration; Landfill	2
				S13	Storm Water Handling & Facilities	5
				T03	Traffic & Transportation Engineering	2
	Other Employees			W02	Water Resources; Hydrology; Ground Water	5
	<b>Total</b>	39	2	W03	Water Supply; Treatment and Distribution	3
<b>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS</b> (Insert revenue index number shown at right)				<b>PROFESSIONAL SERVICES REVENUE INDEX NUMBER</b>		
a. Federal Work		1		1. Less than \$100,000		
b. Non-Federal Work		6		2. \$100,000 to less than \$250,000		
c. Total Work		6		3. \$250,000 to less than \$500,000		
				4. \$500,000 to less than \$1 million		
				5. \$1 million to less than \$2 million		
				6. \$2 million to less than \$5 million		
				7. \$5 million to less than \$10 million		
				8. \$10 million to less than \$25 million		
				9. \$25 million to less than \$50 million		
				10. \$50 million or greater		
<b>12. AUTHORIZED REPRESENTATIVE</b> The foregoing is a statement of facts.						
a. SIGNATURE  <i>Ivette O. Argudin</i>				b. DATE July 12, 2018		
c. NAME AND TITLE Ivette O. Argudin / Executive Vice President						

STANDARD FORM 330 (REV. 8/2016) PAGE 6

# TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE



**TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE****3****1. Please identify if you are a Certified Minority Business Enterprise as defined by the Florida Small and Minority Business Assistance Act.**

A.D.A. Engineering, Inc. (ADA), a woman-owned and full-service engineering firm, is a State of Florida certified Minority Business Enterprise (MBE), a Miami-Dade County certified Small Business Enterprise (SBE) and an FDOT certified Disadvantaged Business Enterprise (DBE).

**a. If you are a Certified Minority Business Enterprise as defined by the Florida Small and Minority Business Assistance Act, please provide proof.****A.D.A. ENGINEERING, INC.**

## TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE

3

## A.D.A. ENGINEERING, INC.


**Internal Services Department  
Small Business Development**

111 NW 1 Street, 19th Floor  
Miami, Florida 33128  
miamidade.gov T 305-375-3111 F  
305-375-3160

June 11, 2018

Ivette Argudin  
A.D.A. ENGINEERING, INC.  
8550 NW 33RD ST  
Suite 202  
DORAL, FL 33122

**Approval Date:** March 31, 2018 - Small Business Enterprise - Architectural & Engineering (SBE - A&E)

**Expiration Date:** March 31, 2021

Dear Ivette Argudin,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise - Architectural & Engineering (SBE - A&E). The Small Business Enterprise (SBE) programs are governed by sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes.

This Small Business Enterprise - Architectural & Engineering (SBE - A&E) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your anniversary date, March 31, 2019. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date is required to maintain the three-year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. This letter will be the only approval notification issued for the duration of your firm's three years' certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.

Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: <http://www.miamidade.gov/smallbusiness/certification-lists.asp>. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at [sbdcert@miamidade.gov](mailto:sbdcert@miamidade.gov).

Sincerely,

Claudious Thompson, Section Chief  
Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)



**TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE****3****A.D.A. ENGINEERING, INC.**

MDC-TCC 01-01: URBAN AREA AND REGIONAL TRANSPORTATION PLANNING  
 MDC-TCC 03-01: SITE DEVELOPMENT AND PARKING LOT DESIGN  
 MDC-TCC 03-02: MAJOR HIGHWAY DESIGN  
 MDC-TCC 03-02B: MINOR HIGHWAY DESIGN  
 MDC-TCC 03-06: TRAFFIC CALMING  
 MDC-TCC 03-07: TRAFFIC SIGNAL TIMING  
 MDC-TCC 03-09: SIGNING, PAVEMENT MARKING, AND CHANNELIZATION  
 MDC-TCC 03-10: LIGHTING  
 MDC-TCC 03-11: SIGNALIZATION  
 MDC-TCC 04-01: ENGINEERING DESIGN  
 MDC-TCC 05-01: ENGINEERING DESIGN  
 MDC-TCC 06-01: WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION  
 MDC-TCC 06-02: WATER AND SANITARY SEWAGE PUMPING FACILITIES  
 MDC-TCC 06-03: WATER AND SANITARY SEWAGE TREATMENT PLANTS  
 MDC-TCC 07: SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS  
 MDC-TCC 08: TELECOMMUNICATION SYSTEMS  
 MDC-TCC 10-01: STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES  
 MDC-TCC 10-05: CONTAMINATION ASSESSMENT AND MONITORING  
 MDC-TCC 10-09: WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT  
 MDC-TCC 11: GENERAL STRUCTURAL ENGINEERING  
 MDC-TCC 12: GENERAL MECHANICAL ENGINEERING  
 MDC-TCC 13: GENERAL ELECTRICAL ENGINEERING  
 MDC-TCC 16: GENERAL CIVIL ENGINEERING  
 MDC-TCC 17: ENGINEERING CONSTRUCTION MANAGEMENT  
 MDC-TCC 21: LAND-USE PLANNING  
 NAICS 541330: ENGINEERING SERVICES

## TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE

3

## A.D.A. ENGINEERING, INC.

Internal Services Department  
Small Business Development

111 NW 1 Street, 19th Floor  
Miami, Florida 33128  
miamidade.gov T 305-375-3111 F  
305-375-3160

June 11, 2018

Ivette Argudin  
A.D.A. ENGINEERING, INC.  
8550 NW 33RD ST  
SUITE 202  
DORAL, FL 33122

**Approval Date:** March 31, 2018 - Small Business Enterprise - Goods & Services (SBE - G&S)**Expiration Date:** March 31, 2021

Dear Ivette Argudin,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise - Goods & Services (SBE - G&S). The Small Business Enterprise (SBE) programs are governed by sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes.

This Small Business Enterprise - Goods & Services (SBE - G&S) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your anniversary date, March 31, 2019. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date is required to maintain the three-year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. This letter will be the only approval notification issued for the duration of your firm's three years' certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.

Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: <http://www.miamidade.gov/smallbusiness/certification-lists.asp>. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at [sbdcert@miamidade.gov](mailto:sbdcert@miamidade.gov).

Sincerely,

Claudious Thompson, Section Chief  
Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

**TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE****3****A.D.A. ENGINEERING, INC.**

NIGP 90735: DESIGNING SERVICES

NIGP 90738: DRAFTING SERVICES

NIGP 90775: SITE ASSESSMENT AND SITE FIELD OBSERVATION

NIGP 91800: CONSULTING SERVICES

NIGP 91806: ADMINISTRATIVE CONSULTING

NIGP 92018: COMPUTER AIDED DESIGN SERVICES

NIGP 92500: ENGINEERING SERVICES, PROFESSIONAL

NIGP 96143: HYDROLOGICAL AND OCEANOGRAPHY SERVICES

NIGP 99029: DISASTER PREPAREDNESS/EMERGENCY PLANNING SERVICES

## TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE

3

## A.D.A. ENGINEERING, INC.

## Florida UCP DBE Directory

Number of Records Returned: 1

## Selection Criteria:

Vendor : A D A ENGINEERING INC

Vendor Name: A D A ENGINEERING INC

DBE Certification: CERTIFIED

MBE Certification: Certified

DBA:

Former Name:

Business Description: ENGINEERING FIRMS

Mailing Address: 8550 NW 33RD ST STE 202  
DORAL, FL 33122-

Contact Name: IVETTE O ARGUDIN

Phone: (305) 551-4608

Fax: (305) 551-8977

Email: [IARGUDIN@ADAENG.NET](mailto:IARGUDIN@ADAENG.NET)

ACDBE Status: N

Statewide Availability: Y

Certified NAICS

541330 Engineering Services

541340 Drafting Services

541620 Environmental Consulting Services

Run on : 07/18/2018

Page: 1



## TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE

3

## GSLA DESIGN, INC.

Internal Services Department  
Small Business Development

111 NW 1 Street, 19th Floor  
Miami, Florida 33128  
miamidade.gov T 305-375-3111 F  
305-375-3160

March 9, 2018

Kenneth Gardner  
GSLA DESIGN, INC.  
17670 NW 78th Ave  
Suite #214  
Miami, FL 33015

**Approval Date:** February 28, 2018 - Small Business Enterprise - Goods & Services (SBE - G&S)

**Expiration Date:** February 28, 2021

Dear Kenneth Gardner,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise - Goods & Services (SBE - G&S). The Small Business Enterprise (SBE) programs are governed by sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes.

This Small Business Enterprise - Goods & Services (SBE - G&S) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your anniversary date, February 28, 2019. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date is required to maintain the three-year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. This letter will be the only approval notification issued for the duration of your firm's three years' certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.

Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: <http://www.miamidade.gov/smallbusiness/certification-lists.asp>. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at [sbdcert@miamidade.gov](mailto:sbdcert@miamidade.gov).

Sincerely,

Claudious Thompson, Section Chief  
Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

NIGP 906: ARCHITECTURAL SERVICES, PROFESSIONAL  
NIGP 90600: ARCHITECTURAL SERVICES, PROFESSIONAL  
NIGP 90656: LANDSCAPE ARCHITECTURE  
NIGP 91800: CONSULTING SERVICES

## TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE

3

## GSLA DESIGN, INC.


**Internal Services Department  
Small Business Development**

 111 NW 1 Street, 19th Floor  
 Miami, Florida 33128  
 miamidade.gov T 305-375-3111 F  
 305-375-3160

March 9, 2018

Kenneth Gardner  
 GSLA DESIGN, INC.  
 17670 NW 78th Ave  
 Suite #214  
 Miami, FL 33015

**Approval Date:** February 28, 2018 - Small Business Enterprise - Architectural & Engineering (SBE - A&E)

**Expiration Date:** February 28, 2021

Dear Kenneth Gardner,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise - Architectural & Engineering (SBE - A&E). The Small Business Enterprise (SBE) programs are governed by sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes.

This Small Business Enterprise - Architectural & Engineering (SBE - A&E) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your anniversary date, February 28, 2019. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date is required to maintain the three-year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. This letter will be the only approval notification issued for the duration of your firm's three years' certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.

Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: <http://www.miamidade.gov/smallbusiness/certification-lists.asp>. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at [sbdcert@miamidade.gov](mailto:sbdcert@miamidade.gov).

Sincerely,

Claudious Thompson, Section Chief  
 Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

MDC-TCC 20: LANDSCAPE ARCHITECTURE  
 NAICS 541320: LANDSCAPE ARCHITECTURAL SERVICES

## TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE

3

MANUEL G. VERA &amp; ASSOCIATES, INC.

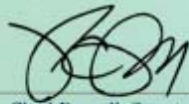
*State of Florida*

## Minority Business Certification

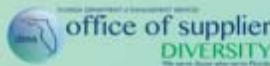
Manuel G. Vera &amp; Associates, Inc

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

02/16/2017 to 02/16/2019



Chad Poppell, 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)


## TAB 3 – CERTIFIED MINORITY BUSINESS ENTERPRISE

3

## MANUEL G. VERA &amp; ASSOCIATES, INC.

FDOT  
Certifications

DBE Certification

  
**Florida Department of Transportation**  
605 Suwannee Street  
Tallahassee, FL 32399-0450

RICK SCOTT  
GOVERNOR

ANANTH PRASAD, P.E.  
SECRETARY

May 1, 2013

MARIA T VERA  
MANUEL G VERA & ASSOCIATES INC  
13960 SW 47TH STREET  
MIAMI FL 33175-4404

ANNIVERSARY DATE - Annually on December 10

Dear Ms. Vera:

The Florida Department of Transportation (FDOT) is pleased to announce that your firm has been certified under Florida's Unified Certification Program (UCP) as a Disadvantaged Business Enterprise (DBE) in accordance with 49 Code of Federal Regulation Part 26.

DBE Certification is continuing, but it is contingent upon the firm maintaining its eligibility annually through this office. You will be notified of your annual responsibilities in advance of the Anniversary Date. You must submit the annual AFFIDAVIT FOR CONTINUING ELIGIBILITY no later than the Anniversary Date.

Only firms listed in the UCP DBE Directory are certified by Florida UCP Members. Prime contractors and consultants should verify your firm's DBE certification status, and identify the work area(s) for which the firm is DBE eligible, through this Directory.

Your firm will be listed in Florida's UCP DBE Directory which can be accessed through the Department's website: [www.dot.state.fl.us/equalopportunityoffice](http://www.dot.state.fl.us/equalopportunityoffice) and then selecting "DBE Directory".

DBE certification is not a guarantee of work. It allows your firm to compete for and perform contract work on ALL USDOT Federal Aid (FAA, FTA, and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, sub-consultant or material supplier.

If, at any time there is a material change you must advise this office, by sworn affidavit and supporting documents, within thirty (30) days. Changes include, but are not limited to, ownership, officers, directors, management, key personnel, scope of work performed, daily operations, ongoing business relationships with other firms or individuals, or the physical location of your firm. After our review, you will receive instructions as to how you should proceed, if necessary. Failure to do so will be deemed a failure, on your part, to cooperate, and will result in immediate action to remove DBE certification.

Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE credit for work performed in the following areas:

**NAICS**  
54137 - Surveying and Mapping (except Geophysical) Services

**FDOT Specialty Codes**  
940 - Land Surveying And Mapping Services

Questions and concerns should be directed to this office by mail or telephone. Our telephone number is (850) 414-4747. Our fax number is (850) 414-4879.

Sincerely,


Victoria Smith  
DBE Certification Manager



# TAB 4 – OTHER COMPLETED DOCUMENTS



## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 1. Attachment B: Vendor Information Form

City of Pembroke Pines

Bid PSEN-18-02

(OFFICE USE ONLY) Vendor number: 

Please entirely complete this vendor information form along with the IRS Form W-9, and email to [accountspayable@ppines.com](mailto:accountspayable@ppines.com)

**City of Pembroke Pines**  
**Finance Department**  
**601 City Center Way**  
**Pembroke Pines, FL 33025**

## Vendor Information Form

Operating Name (Payee)	A.D.A. Engineering, Inc.		
Legal Name (as filed with IRS)	A.D.A. Engineering, Inc.		
Remit-to Address (For Payments)	8550 NW 33rd Street, Suite 202, Doral, FL 33122		
Remit-to Contact Name:	Ivette O. Argudin	Title:	Executive Vice President
Email Address:	iargudin@adaeng.net		
Phone #:	(305) 551-4608	Fax #	(305) 551-8977
Order-from Address (For purchase orders)	N/A		
Order-from Contact Name:	N/A	Title:	
Email Address:			
Phone #:		Fax #	
Return-to Address (For product returns)	N/A		
Return-to Contact Name	N/A	Title:	
Email Address:			
Phone #:		Fax #	
Payment Terms:			

Type of Business (please check one and provide Federal Tax identification or social security Number)

☐ CorporationFederal ID Number: ☐ Sole Proprietorship/IndividualSocial Security No.: ☐ Partnership☐ Health Care Service Provider☒ LLC – C (C corporation) – **S (S corporation)** – P (partnership)☐ Other (Specify): Name & Title of Applicant Ivette O. Argudin, Executive Vice PresidentSignature of Applicant *Ivette O. Argudin*Date 07/23/2018

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## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 1. Attachment B: W-9 Form

**Form W-9**  
(Rev. November 2017)  
Department of the Treasury  
Internal Revenue Service

**Request for Taxpayer Identification Number and Certification**

► Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.  
**A.D.A. Engineering, Inc.**

2 Business name/disregarded entity name, if different from above  
**same.**

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC  
☐ C Corporation  
☒ S Corporation  
☐ Partnership  
☐ Trust/estate  
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► \_\_\_\_\_  
**Note:** Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.  
☐ Other (see instructions) ► \_\_\_\_\_

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  
Exempt payee code (if any) \_\_\_\_\_  
Exemption from FATCA reporting code (if any) \_\_\_\_\_  
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.  
**8550 NW 33rd Street, Suite 202**

6 City, state, and ZIP code  
**Doral, Florida 33122**

7 List account number(s) here (optional)

**Part I Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

**Social security number**  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_

**OR**  
**Employer identification number**  
**5 9 - 2 0 6 4 4 9 8**

**Part II Certification**

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

**Sign Here**

Signature of U.S. person ► *Julie O. Angudin* Date ► *1/2/2018*

**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Cat. No. 10231X

Form W-9 (Rev. 11-2017)

## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 2. Attachment C: Non-Collusive Affidavit

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

Attachment C

NON-COLLUSIVE AFFIDAVIT

BIDDER is the ,  
(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature  *Ivette O. Argudin*

Title

Name of Company



## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 3. Attachment D: Sworn Statement on Public Entity Crimes Form

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

Attachment D

**SWORN STATEMENT  
ON PUBLIC ENTITY CRIMES  
UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).**

1. This sworn statement is submitted A.D.A. Engineering, Inc. (name of entity submitting sworn statement) whose business address is 8550 NW 33rd St., Suite 202, Doral, FL 33122 and (if applicable) its Federal Employer Identification Number (FEIN) is 59-2064498. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: N/A.)
2. My name is Ivette O. Argudin and my  
(Please print name of individual signing)  
relationship to the entity named above is Executive Vice President.
3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 3. Attachment D: Sworn Statement on Public Entity Crimes Form

City of Pembroke Pines

Bid PSEN-18-02

6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**
- ☒ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- ☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **(Please indicate which additional statement applies.)**
- ☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**
- ☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**
- ☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

Ivette O. Argudin *Ivette O. Argudin*  
Bidder's Name/Signature

A.D.A. Engineering, Inc.  
Company

07/23/2018  
Date

## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 4. Attachment E: Contact Information Form

City of Pembroke Pines

Bid PSEN-18-02

**CONTACT INFORMATION FORM**

IN ACCORDANCE WITH “RFQ # PSEN-18-02” titled “**Professional Service Providers (Architectural, Engineering, Surveying & Mapping)**” attached hereto as a part hereof, the undersigned submits the following:

**A) Contact Information**

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through [www.bidsync.com](http://www.bidsync.com) as part of the bidder's submittal.

**COMPANY INFORMATION:**COMPANY: STREET ADDRESS: CITY, STATE & ZIP CODE: **PRIMARY CONTACT FOR THE PROJECT:**NAME:  TITLE: E-MAIL: TELEPHONE:  FAX: **CORPORATE OFFICER AUTHORIZED APPROVER:**NAME:  TITLE: E-MAIL: TELEPHONE:  FAX: SIGNATURE:

**TAB 4 – OTHER COMPLETED DOCUMENTS****4****5. Attachment F: Professional Services Form**

City of Pembroke Pines

Bid PSEN-18-02

**PROFESSIONAL SERVICES FORM***Please check the boxes shown below that your company wants to be considered for:*

<input checked="" type="checkbox"/>	<b>General Civil and Environmental Engineering Services</b>
<input type="checkbox"/>	<b>Treatment Plant Process Engineering Services</b>
<input checked="" type="checkbox"/>	<b>Electrical Engineering Services</b>
<input type="checkbox"/>	<b>Geotechnical Services</b>
<input type="checkbox"/>	<b>Structural Engineering Services</b>
<input type="checkbox"/>	<b>Land Surveying Services</b>
<input type="checkbox"/>	<b>General Architectural Services</b>
<input type="checkbox"/>	<b>Landscape Architecture Services</b>
<input type="checkbox"/>	<b>Hydro-Geological Services</b>
<input checked="" type="checkbox"/>	<b>FDOT Roadway Engineering Services</b>



## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 6. Attachment G: Equal Benefits Certification Form

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

Attachment G

### EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

**“During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City’s Code of Ordinances, and its employees with Domestic Partners and all Married Couples”.**

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

#### SECTION 1 DEFINITIONS

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are located in a jurisdiction where no such governmental domestic partnership registry exists. A

## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 6. Attachment G: Equal Benefits Certification Form

City of Pembroke Pines

Bid PSEN-18-02

contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

**SECTION 2 CERTIFICATION OF CONTRACTOR**

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ A. Contractor currently complies with the requirements of this section; or
- ☐ B. Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ C. Contractor will not comply with the conditions of this section at the time of contract award; or
- ☐ D. Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ 1. The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ 2. The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ 3. The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ 4. The Contractor is a governmental agency;

**The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.**

COMPANY NAME:

AUTHORIZED OFFICER NAME / SIGNATURE:  *Ivette O. Argudin*

6/26/2018 4:29 PM

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TAB 4 – OTHER COMPLETED DOCUMENTS

4

7. Attachment H: Vendor Drug-Free Workplace Certification Form

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

Attachment M

VENDOR DRUG-FREE WORKPLACE CERTIFICATION FORM

SECTION 1 GENERAL TERM

Preference may be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

**IDENTICAL TIE BIDS** - Preference may be given to businesses with drug-free workplace programs. Whenever two or more bids that are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drugfree workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

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 893 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 each 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.

SECTION 2 AFFIRMATION

☒ Place a check mark here only if affirming bidder **complies fully** with the above requirements for a Drug-Free Workplace.

☐ Place a check mark here only if affirming bidder **does not** meet the requirements for a Drug-Free Workplace.

**Failure to complete this certification at this time (by checking either of the boxes above) shall render the vendor ineligible for Drug-Free Workplace Preference. This form must be completed by/for the proposer; the proposer WILL NOT qualify for Drug-Free Workplace Preference based on their sub-contractors' qualifications.**

Ivette O. Argudin  
Authorized Signature

Ivette O. Argudin  
Authorized Signer Name

A.D.A. Engineering, Inc.  
Company Name

TAB 4 – OTHER COMPLETED DOCUMENTS

4

8. Attachment I: Proposer's Completed Qualification Statement

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

Attachment I

**PROPOSER'S QUALIFICATIONS STATEMENT**

PROPOSER shall furnish the following information. Failure to comply with this requirement will render Bid non-responsive and shall cause its rejection. Additional sheets shall be attached as required.

PROPOSER'S Name and Principal Address:

A.D.A. Engineering, Inc.

8550 NW 33rd Street, Suite 202, Doral, FL 33122

Contact Person's Name and Title: Ivette O. Argudin, Executive Vice President

Contact Person's E-mail Address: iargudin@adaeng.net

PROPOSER'S Telephone and Fax Number: (305) 541-4608

PROPOSER'S License Number: 3212

**(Please attach certificate of status, competency, and/or state registration.)** Professional License included in page 107

PROPOSER'S Federal Identification Number: 59-2064498

Number of years your organization has been in business 37

State the number of years your firm has been in business under your present business name 37

State the number of years your firm has been in business in the work specific to this solicitation:  
37

Names and titles of all officers, partners or individuals doing business under trade name:

Alberto D. Argudin, PE, CGC, LEED AP, President

Ivette O. Argudin, Executive Vice President

The business is a: Sole Proprietorship ☐ Partnership ☐ Corporation ☒

IF USING A FICTITIOUS NAME, SUBMIT EVIDENCE OF COMPLIANCE WITH FLORIDA FICTITIOUS NAME STATUTE. (ATTACH IN PROPOSER EXHIBIT SECTION)



TAB 4 – OTHER COMPLETED DOCUMENTS

4

8. Attachment I: Proposer's Completed Qualification Statement

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

Attachment I

Under what former name has your business operated? Include a description of the business. Failure to include such information shall be deemed to be intentional misrepresentation by the City and shall render the proposer RFP submittals non-responsive.

N/A

At what address was that business located?

N/A

Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract:

N/A

Have you ever failed to complete work awarded to you. If so, when, where and why?

No

Have you personally inspected the proposed WORK and do you have a complete plan for its performance?

N/A

## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 8. Attachment I: Proposer's Completed Qualification Statement

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

## Attachment I

Will you subcontract any part of this WORK? If so, give details including a list of each subcontractor(s) that will perform work in excess of ten percent (10%) of the contract amount and the work that will be performed by each subcontractor(s).

Yes, Subconsultants have been assigned specific tasks and their percentage will vary based on the project scope.

BCC Engineering, Inc., GSLA Design, Inc., Manuel G. Vera & Associates, Inc. & McLaughlin Engineering Co.

The foregoing list of subcontractor(s) may not be amended after award of the contract without the prior written approval of the Contract Administrator, whose approval shall not be reasonably withheld.

List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Proposer, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.

N/A

List and describe all successful Bond claims made to your surety (ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Proposer and its predecessor organization(s).

N/A

List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Proposer or its predecessor organizations(s) during the last (10) years. The list shall include all case names; case, arbitration or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute.

None

TAB 4 – OTHER COMPLETED DOCUMENTS

4

8. Attachment I: Proposer's Completed Qualification Statement

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

Attachment I

List and describe all criminal proceedings or hearings concerning business related offenses in which the Proposer, its principals or officers or predecessor organization(s) were defendants.

None

Has the Proposer, its principals, officers or predecessor organization(s) been CONVICTED OF A Public Entity Crime, debarred or suspended from bidding by any government entity? If so, provide details.

No

Are you an ☒ Original provider ☐ sales representative ☐ distributor, ☐ broker, ☐ manufacturer ☐ other, of the commodities/services proposed upon? If other than the original provider, explain below.

Have you ever been debarred or suspended from doing business with any governmental agency? If yes, please explain:

No

## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 8. Attachment I: Proposer's Completed Qualification Statement

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

## Attachment I

Describe the firm's local experience/nature of service with contracts of similar size and complexity, in the previous three (3) years:

ADA currently has similar type contracts with the following clients: Town of Davie, City of Lauderhill, City of

Miami, City of Doral, Town of Miami Lakes, City of Coral Gables, FDOT District 6, Village of Pinecrest and

Miami-Dade Water and Sewer Department.

The PROPOSER acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by CITY in awarding the contract and such information is warranted by PROPOSER to be true. The discovery of any omission or misstatement that materially affects the PROPOSER'S qualifications to perform under the contract shall cause the CITY to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

A.D.A. Engineering, Inc.

(Company Name)

Ivette O. Argudin

(Printed Name/Signature)

## TAB 4 – OTHER COMPLETED DOCUMENTS

4

## 9. Attachment J: Certificate of Liability Insurance



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

07/18/2018

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

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

<b>PRODUCER</b> Marsh Sponsored Programs a division of Marsh USA Inc. PO Box 14404 Des Moines IA 50306	<b>CONTACT NAME:</b> <b>PHONE</b> (A/C, No, Ext): 800-338-1391 <b>FAX</b> (A/C, No): 888-621-3173 <b>E-MAIL:</b> ADDRESS: aeclientrequest@marsh.com														
<b>INSURED</b> A.D.A. Engineering, Inc.  8550 NW 33 St., Suite 202 Miami, FL 33122	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Hartford Accident &amp; Indemnity Co</td> <td>22357</td> </tr> <tr> <td>INSURER B: Twin City Fire Insurance Co</td> <td>29459</td> </tr> <tr> <td>INSURER C: Hartford Underwriters Insurance Company</td> <td>30104</td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Hartford Accident & Indemnity Co	22357	INSURER B: Twin City Fire Insurance Co	29459	INSURER C: Hartford Underwriters Insurance Company	30104	INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A: Hartford Accident & Indemnity Co	22357														
INSURER B: Twin City Fire Insurance Co	29459														
INSURER C: Hartford Underwriters Insurance Company	30104														
INSURER D:															
INSURER E:															
INSURER F:															

## COVERAGES

## CERTIFICATE NUMBER:

## REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	Y		84SBWCG2118 Prof. Liab. Excl.	11/01/2017	11/01/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPOP AGG \$2,000,000 \$
C	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	Y		84UEGPQ2064	11/01/2017	11/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			84SBWCG2118	11/01/2017	11/01/2018	EACH OCCURRENCE \$4,000,000 AGGREGATE \$4,000,000 \$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	84WEGBM4348	11/01/2017	11/01/2018	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

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

The City of Pembroke Pines is named as additional insured on the above referenced policies when required by written contract.

## CERTIFICATE HOLDER

## CANCELLATION

City of Pembroke Pines  601 City Center Way Pembroke Pines FL 33025	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  <b>AUTHORIZED REPRESENTATIVE</b> 
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ACORD 25 (2010/05)

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## TAB 4 – OTHER COMPLETED DOCUMENTS

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## 9. Attachment J: Certificate of Liability Insurance



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

07/18/18

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

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

PRODUCER <b>Hansen Insurance, LLC</b> <b>4590 N. Meridian Avenue</b> <b>Miami Beach, FL 33140</b> <b>A307619</b>	CONTACT NAME: <b>Rick Hansen</b>	
	PHONE (A/C, No., Ext): <b>(305) 674-9998</b>	FAX (A/C, No.): <b>(305) 674-9998</b>
INSURED <b>A.D.A. Engineering, Inc.</b>  <b>8550 NW 33 Street, Suite 202</b> <b>Doral, FL 33122</b>	E-MAIL ADDRESS: <b>rick@hanseninsurancefl.com</b>	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: <b>RLI</b>	NAIC #: <b>13056</b>
	INSURER B:	
	INSURER C:	
	INSURER D:	
INSURER E:		
INSURER F:		

## COVERAGES

## CERTIFICATE NUMBER:

## REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ OTHER: \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ OTHER: \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED \$ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ OTHER: \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
<b>A</b>	<b>Professional Liability</b>			<b>RDP0030516</b>	<b>10/18/17</b>	<b>10/18/18</b>	<b>each claim annl. aggr.</b> <b>\$2,000,000</b> <b>\$2,000,000</b>

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

**Professional Liability insurance is written on a claims-made and reported basis.**

## CERTIFICATE HOLDER

## CANCELLATION

<b>City of Pembroke Pines</b> <b>601 City Center Way</b> <b>Pembroke Pines, FL 33025</b>	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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## TAB 4 – OTHER COMPLETED DOCUMENTS

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## 10. Attachment L: Scrutinized Company Certification

City of Pembroke Pines

Bid PSEN-18-02



City of Pembroke Pines

Attachment L

**SCRUTINIZED COMPANY CERTIFICATION  
PURSUANT TO FLORIDA STATUTE § 287.135.**

I, Ivette O. Argudin, Executive Vice President, on behalf of A.D.A. Engineering, Inc.,  
Print Name and Title Company Name

certify that A.D.A. Engineering, Inc. :  
Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

A.D.A. Engineering, Inc.Company NameIvette O. ArgudinPrint Name / SignatureExecutive Vice PresidentTitle

# TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES



## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

## A.D.A. ENGINEERING, INC.

## State of Florida Department of State

I certify from the records of this office that A.D.A. ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on February 17, 1981.

The document number of this corporation is F23071.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on March 14, 2018, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Fourteenth day of March,  
2018*



*Ken Ditzner*  
Secretary of State

Tracking Number: CC9505373549

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

## State of Florida Board of Professional Engineers

Attests that  
**A.D.A. 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: 228201900363 R

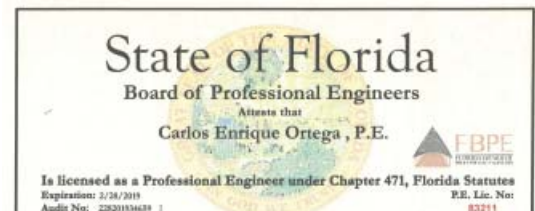
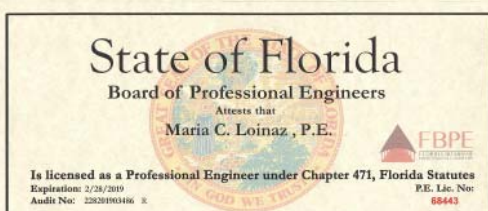
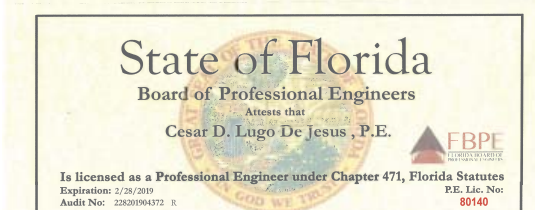
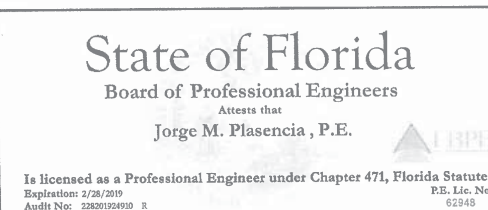
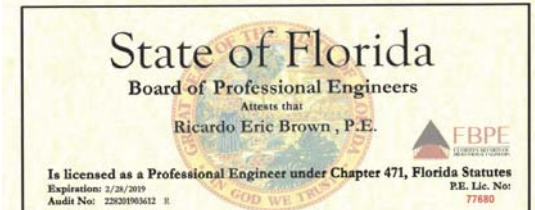
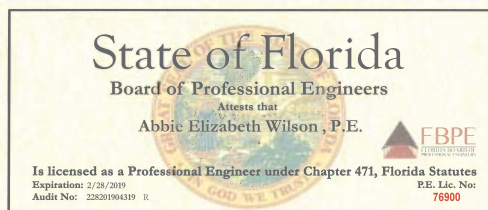
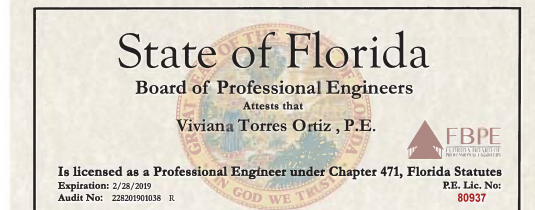
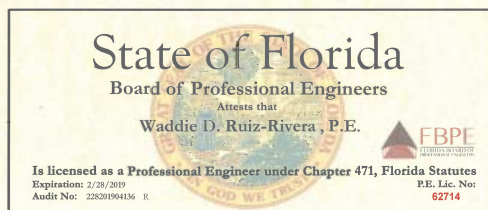
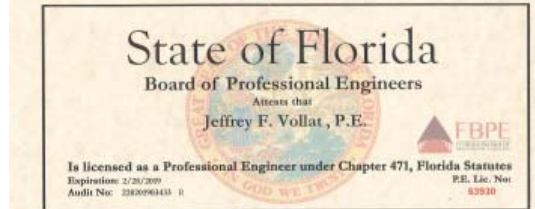
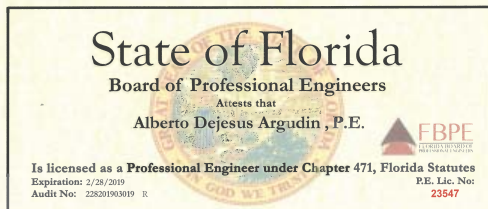
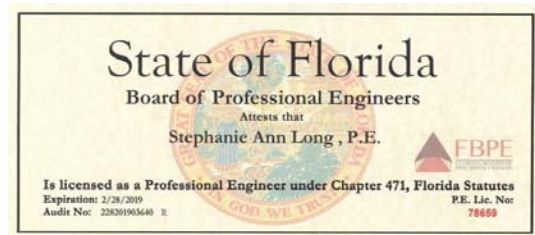
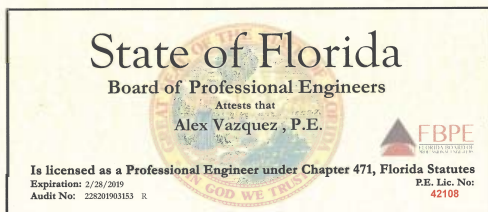
CA Lic. No:  
**3212**



## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

## A.D.A. ENGINEERING, INC.





## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

## A.D.A. ENGINEERING, INC.

RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

Florida dbpr

**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**CONSTRUCTION INDUSTRY LICENSING BOARD**

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE  
 PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

**ARGUDIN, ALBERTO DE**  
 A D A ENGINEERING INC  
 8550 NW 33RD ST  
 STE 101  
 MIAMI FL 33122

**LICENSE NUMBER: CGC023790**  
**EXPIRATION DATE: AUGUST 31, 2020**  
 Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.  
 This is your license. It is unlawful for anyone other than the licensee to use this document.

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 CONSTRUCTION INDUSTRY LICENSING BOARD

**LICENSE NUMBER**  
 CGC1510041

The GENERAL CONTRACTOR  
 Named below IS CERTIFIED  
 Under the provisions of Chapter 489 FS.  
 Expiration date: AUG 31, 2018

ARGUDIN, ALBERT DANIEL JR.  
 ADA DEVELOPMENT INC  
 8550 NW 33 ST  
 SUITE 202  
 DORAL FL 33122

ISSUED: 09/01/2016 DISPLAY AS REQUIRED BY LAW SEQ # L1609010002841

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 CONSTRUCTION INDUSTRY LICENSING BOARD

**LICENSE NUMBER**  
 CGC1511731

The GENERAL CONTRACTOR  
 Named below IS CERTIFIED  
 Under the provisions of Chapter 489 FS.  
 Expiration date: AUG 31, 2018

RUIZ, WADDIE  
 INDIVIDUAL  
 3791 W STATE RD 84, APT 304  
 DAVIE FL 33312-8809

ISSUED: 06/22/2016 DISPLAY AS REQUIRED BY LAW SEQ # L1606220001414

GBCI  
**GREEN BUILDING CERTIFICATION INSTITUTE**

HEREBY CERTIFIES THAT

**Alberto Argudin**

HAS ACHIEVED THE DESIGNATION OF

**LEED® ACCREDITED PROFESSIONAL**

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE  
 REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY  
 AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.

Chairman: *Shay R. ...* June 17, 2009 (Date Issued) *Patricia ...* (Name of Signatory, President)

Printed on 100% Recycled Paper / 50% post-consumer waste with vegetable based ink.

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

## A.D.A. ENGINEERING, INC.



## Florida Department of Transportation

RICK SCOTT  
GOVERNOR605 Suwannee Street  
Tallahassee, FL 32399-0450MIKE DEW  
SECRETARY

July 16, 2018

Ivette Argudin, Executive Vice President  
A.D.A. ENGINEERING, INC.  
8550 NW 33<sup>rd</sup> Street, Suite 202  
Doral, Florida 33122

Dear Ms. Argudin:

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

- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
  - 3.2 - Major Highway Design
  - 3.3 - Controlled Access Highway Design
- Group 7 - Traffic Operations Design
  - 7.1 - Signing, Pavement Marking and Channelization
  - 7.2 - Lighting
  - 7.3 - Signalization
- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
  - 10.3 - Construction Materials Inspection
- Group 13 - Planning
  - 13.6 - Land Planning/Engineering

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2019 for contracting purposes.

## Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
167.83%	100.76%	0.070%	Excluded	No	1.40%	27.51%*

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

[www.fdot.gov](http://www.fdot.gov)

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

**A.D.A. ENGINEERING, INC.**

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

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

BCC ENGINEERING, INC.

# *State of Florida*

## *Department of State*

I certify from the records of this office that BCC ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on March 18, 1994, effective March 15, 1994.

The document number of this corporation is P94000022294.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 10, 2018, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Tenth day of January, 2018*



*Ken DeFina*  
**Secretary of State**

Tracking Number: CC7215290446

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

## BCC ENGINEERING, INC.

*Florida Department of Transportation*

RICK SCOTT  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

MIKE DEW  
SECRETARY

May 30, 2018

Jose Munoz, President  
BCC ENGINEERING, INC.  
6401 SW 87<sup>th</sup> Avenue, Suite 200  
Miami, Florida 33173

Dear Mr. Munoz:

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

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
  - 3.2 - Major Highway Design
  - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
  - 4.1.1 - Miscellaneous Structures
  - 4.1.2 - Minor Bridge Design
  - 4.2.1 - Major Bridge Design - Concrete
  - 4.2.2 - Major Bridge Design - Steel
  - 4.2.3 - Major Bridge Design - Segmental
- Group 5 - Bridge Inspection
  - 5.4 - Bridge Load Rating
- Group 6 - Traffic Engineering and Operations Studies
  - 6.1 - Traffic Engineering Studies
  - 6.2 - Traffic Signal Timing
  - 6.3.1 - Intelligent Transportation Systems Analysis and Design
  - 6.3.2 - Intelligent Transportation Systems Implementation
  - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
  - 6.3.4 - Intelligent Transportation Systems Software Development
- Group 7 - Traffic Operations Design
  - 7.1 - Signing, Pavement Marking and Channelization
  - 7.2 - Lighting
  - 7.3 - Signalization

[www.fdot.gov](http://www.fdot.gov)

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## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

### BCC ENGINEERING, INC.

- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
  - 10.3 - Construction Materials Inspection
  - 10.4 - Minor Bridge & Miscellaneous Structures CEI
- Group 11 - Engineering Contract Administration and Management
- Group 13 - Planning
  - 13.4 - Systems Planning
  - 13.5 - Subarea/Corridor Planning
  - 13.6 - Land Planning/Engineering
  - 13.7 - Transportation Statistics

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2019 for contracting purposes.

#### Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
162.79%	125.97%	0.391%	Reimbursed	No	2.35%	22.86%*

\*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](mailto:carliayn.kell@dot.state.fl.us) or by phone at 850-414-4597.

Sincerely,

Carliayn Kell  
Professional Services  
Qualification Administrator

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

## BCC ENGINEERING, INC.

BCC Engineering, Inc.

000887

## Local Business Tax Receipt

Miami-Dade County, State of Florida  
-THIS IS NOT A BILL - DO NOT PAY

3427069

**BUSINESS NAME/LOCATION**  
BCC ENGINEERING INC  
6401 SW 87 AVE #200  
MIAMI FL 33173

**OWNER**  
BCC ENGINEERING INC  
JOSE A MUNOZ PRES  
Employee(s) 1

**RECEIPT NO.**  
**RENEWAL**  
**3579001**

**SEC. TYPE OF BUSINESS**  
212 P.A./CORP/PARTNERSHIP/FIRM  
EB7184

**PAYMENT RECEIVED BY TAX COLLECTOR**  
\$75.00 08/31/2017  
FPPUT4-17-017383

LBT

**EXPIRES**  
**SEPTEMBER 30, 2018**  
Must be displayed at place of business  
Pursuant to County Code  
Chapter 8A – Art. 9 & 10

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami-Dade Code Sec 8a-276.

For more information, visit [www.miamidade.gov/taxcollector](http://www.miamidade.gov/taxcollector)

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

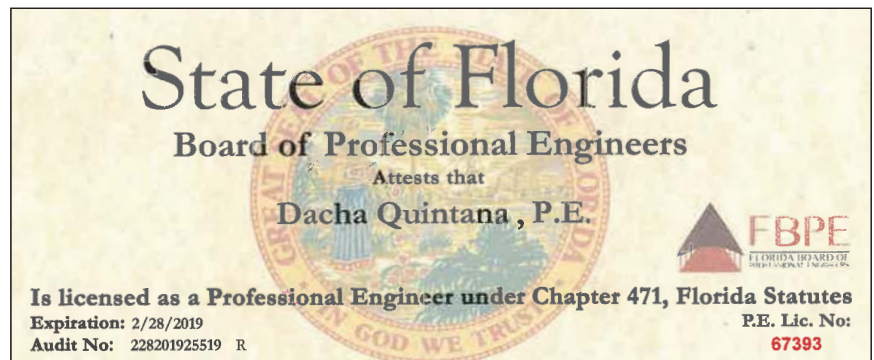
5

**BCC ENGINEERING, INC.**

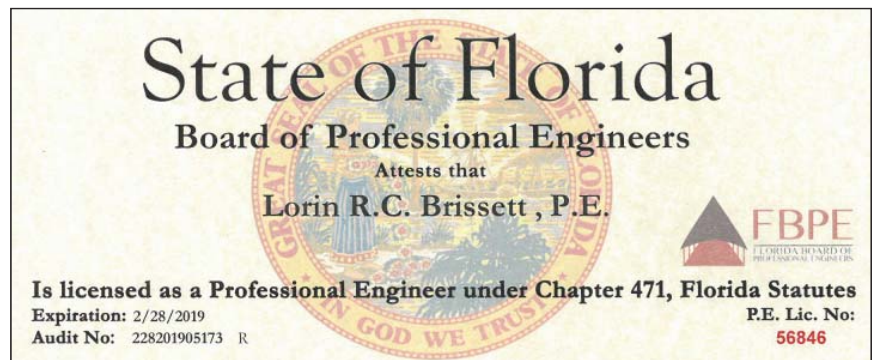
BCC Engineering, Inc.  
License No. 7184



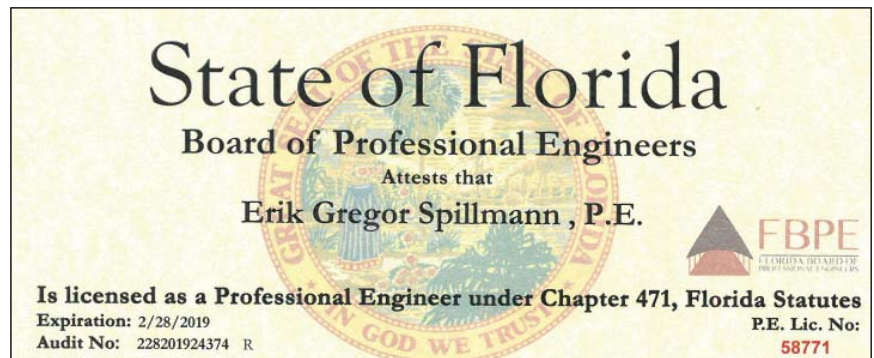
Dacha Quintana, PE  
License No. 67393



Lorin R.C. Brissett, PE  
License No. 56846



Erik G. Spillmann, PE  
License No. 58771



## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES





5

## BCC ENGINEERING, INC.

Danyu Shi, AICP

	This certificate hereby qualifies	
	<b>Danyu Shi, AICP</b>	
	as a member with all the benefits of a Certified Planner and a commitment to the AICP Code of Ethics and Professional Conduct.	
	Certified Planner Number: 028498	
	 James M. Drinan, JD Executive Director	 Valerie J. Hubbard, FAICP President
 The American Planning Association's Professional Institute <b>American Institute          of Certified Planners</b> <i>Making Great Communities Happen</i>		

Yifan Zhang, AICP

	This certificate hereby qualifies	
	<b>Yifan Zhang, AICP</b>	
	as a member with all the benefits of a Certified Planner and a commitment to the AICP Code of Ethics and Professional Conduct.	
	Certified Planner Number: 029047	
	 James M. Drinan, JD Executive Director	 Valerie J. Hubbard, FAICP President
 The American Planning Association's Professional Institute <b>American Institute          of Certified Planners</b> <i>Making Great Communities Happen</i>		

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

GSLA DESIGN, INC.

## State of Florida Department of State

I certify from the records of this office that GSLA DESIGN, INC. is a corporation organized under the laws of the State of Florida, filed on May 4, 1993.

The document number of this corporation is P93000032512.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 2, 2018, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Second day of January, 2018*



*Ken Detmer*  
**Secretary of State**

Tracking Number: CC5295979436



To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF LANDSCAPE ARCHITECTURE	
<b>LICENSE NUMBER</b>	
	LC0000266
The LANDSCAPE ARCHITECT BUSINESS Named below HAS REGISTERED Under the provisions of Chapter 481 FS. Expiration date: NOV 30, 2019	
GSLA DESIGN, INC. 17670 N.W. 78 AVENUE SUITE 214 MIAMI FL 33015	

ISSUED: 09/14/2017

DISPLAY AS REQUIRED BY LAW

SEQ # L1709140001165

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## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

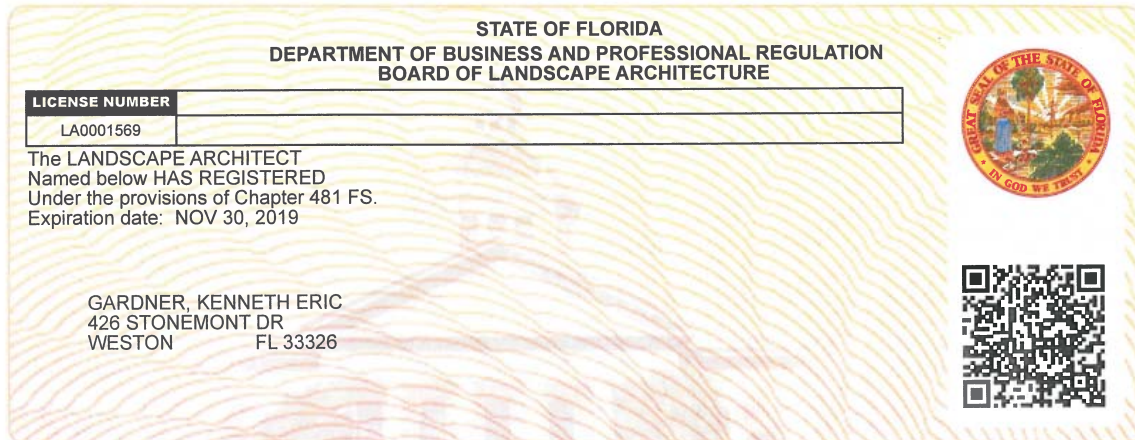
5

## GSLA DESIGN, INC.



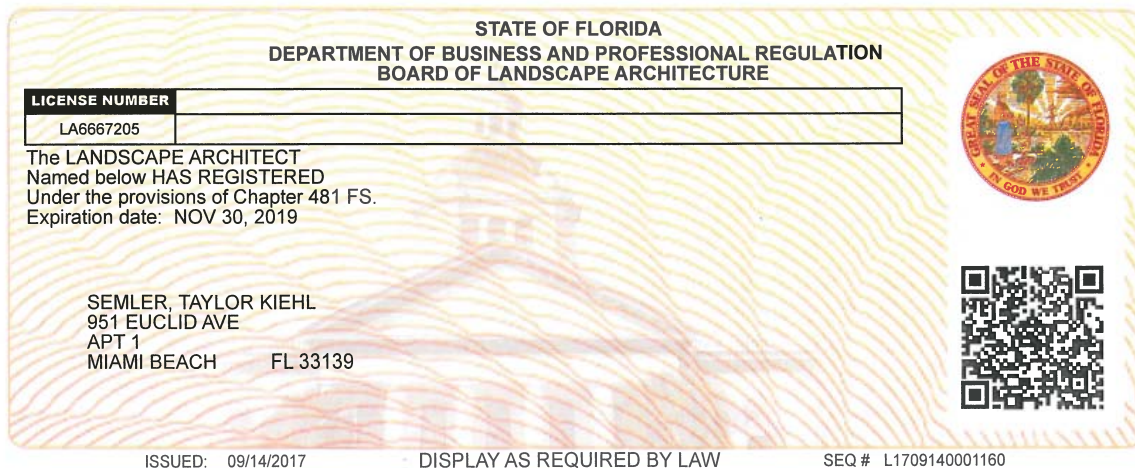
RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY




## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

**GSLA DESIGN, INC.**

Technical Certificate - Returning Vendor Self-Service Portal

[https://www.miamidade.gov/Vendor/TechnicalCertification/TC\\_PrintCert...](https://www.miamidade.gov/Vendor/TechnicalCertification/TC_PrintCert...)

 <b>Miami-Dade County</b> <b>Internal Services Department</b> <b>Statement of Technical Certification Categories</b>			
<b>Firm: ROSENBERG DESIGN GROUP INC</b> <b>17670 N.W. 78 Avenue, Suite, 214, Miami, FL 33015</b>			
Code	Category Description	Approval Date	Expiration Date
20.00	LANDSCAPE ARCHITECTURE	12/21/2016	12/31/2018
<p>Approved By</p> <p>Technical Certification Committee</p> <p>Miami-Dade County</p>			

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

GSLA DESIGN, INC.



## Florida Department of Transportation

RICK SCOTT  
GOVERNOR605 Suwannee Street  
Tallahassee, FL 32399-0450MIKE DEW  
SECRETARY

April 17, 2018

Ken Gardner, President  
GSLA DESIGN, INC.  
17670 NW 78<sup>th</sup> Avenue, Suite 214  
Hialeah, Florida 33015

Dear Mr. Gardner:

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

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00. This status shall be valid until April 17, 2019 for contracting purposes.

On the basis of self-certification materials submitted, the rates listed below represent the costs the Department has accepted.

Approved Rates

Home/ Branch Overhead	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
167.77%	Reimbursed	No	3.79%

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

Sincerely,

Carliayn Kell  
Professional Services  
Qualification Administrator

[www.fdot.gov](http://www.fdot.gov)

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## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

## MANUEL G. VERA &amp; ASSOCIATES, INC.

## Professional Licenses



Manuel G. Vera & Associates, Inc.  
 Professional Surveyor and Mapper  
 Business License No.: LB2439

Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB2439**  
 Expiration Date February 28, 2019

**Professional Surveyor and Mapper Business License**  
 Under the provisions of Chapter 472, Florida Statutes

MANUEL G VERA & ASSOCS INC  
 13960 SW 47TH ST  
 MIAMI, FL 33175-4404

ADAM H. PUTNAM  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Manuel G. Vera, Jr., PSM  
 Professional Surveyor and Mapper  
 License No.: LS5291

Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS5291**  
 Expiration Date February 28, 2019

**Professional Surveyor and Mapper License**  
 Under the provisions of Chapter 472, Florida Statutes

MANUEL G VERA JR  
 13960 SW 47 ST  
 MIAMI, FL 33175

ADAM H. PUTNAM  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Mark R. Sowers, PSM  
 Professional Surveyor and Mapper  
 License No.: LS5266

Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS5266**  
 Expiration Date February 28, 2019

**Professional Surveyor and Mapper License**  
 Under the provisions of Chapter 472, Florida Statutes

MARK R SOWERS  
 19663 HAMPTON DRIVE  
 BOCA RATON, FL 33434

ADAM H. PUTNAM  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

MANUEL G. VERA &amp; ASSOCIATES, INC.

# FDOT Certifications



Pre-Qualification Certification



*Florida Department of Transportation*

RICK SCOTT  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

MIKE DEW  
SECRETARY

September 26, 2017

Maria Vera, President  
MANUEL G. VERA & ASSOCIATES, INC.  
13960 SW 47<sup>th</sup> Street  
Miami, Florida 33175

Dear Ms. Vera:

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 8      - Survey and Mapping
- 8.1      - Control Surveying
  - 8.2      - Design, Right of Way & Construction Surveying
  - 8.4      - Right of Way Mapping

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 September 30, 2018 for contracting purposes.

	Home/Branch Office	Facilities Capital Cost of Money	Overtime Premium Reimbursed	Direct Expense
Indirect Cost	125.10%	0.301%		21.66% (Home)

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



## TAB 5 – PROFESSIONAL REGISTRATION CERTIFICATES

5

## McLAUGHLIN ENGINEERING CO.

## Mailing Address:

JERALD A MCLAUGHLIN  
1700 NW 64 ST #400  
FORT LAUDERDALE, FL 33309

Receipt #WWW-17-00157374  
Paid 07/03/2018 30.00

2018 - 2019

## BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000  
VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019

DBA: MCLAUGHLIN ENGINEERING CO  
Business Name:

Receipt #: 315-184962  
Business Type: ENGINEER (LAND SURVEYING & ENGINEERING)

Owner Name: JERALD A MCLAUGHLIN  
Business Location: 1700 NW 64 ST #400  
FT LAUDERDALE  
Business Phone: 763-7611

Business Opened: 07/16/1993  
State/County/Cert/Reg: LB 0000285  
Exemption Code:

Rooms Seats Employees Machines Professionals  
1

Signature	For Vending Business Only						
	Number of Machines:			Vending Type:			
	Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
	30.00	0.00	0.00	0.00	0.00	0.00	30.00

Receipt #WWW-17-00157374  
Paid 07/03/2018 30.00



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LB285  
Expiration Date: February 28, 2019

## Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes.

MCLAUGHLIN ENGINEERING, CO  
1700 NW 64TH ST STE 400  
FT LAUDERDALE, FL 33309-1801

ADAM H. PUTNAM  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

CITY OF FORT LAUDERDALE | BUSINESS TAX DIVISION  
BUSINESS TAX YEAR 2017-2018

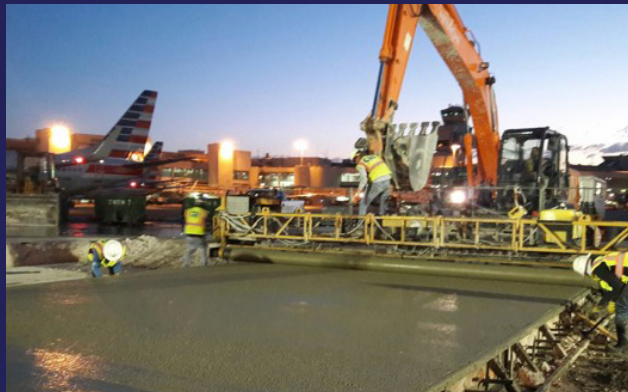
100 N. Andrews Avenue, 1<sup>ST</sup> Floor, Fort Lauderdale, Florida 33301  
(954) 828-5195



Business ID: 1500839 Business Name: MCLAUGHLIN JERALD A  
Business Address: 1700 NW 64 ST # 400  
Tax Category: SURVEYOR (EA LIC INDIVIDUALLY) Tax#: LAND711126

Fee:

MCLAUGHLIN JERALD A  
MCLAUGHLIN ENGINEERING CO  
1700 NW 64 ST # 400  
FORT LAUDERDALE, FL 33309

**CORPORATE HQ**

8550 NW 33rd Street  
Suite 202  
Doral, FL 33122  
Phone: (305) 551-4608  
Fax: (305) 551-8977

**WEST PALM BEACH**

1800 Old Okeechobee Road  
Suite 202  
West Palm Beach, FL 33409  
Phone: (561) 615-8880  
Fax: (561) 615-8858

**TAMPA BAY**

2023 1st Avenue N  
St. Petersburg, FL 33713  
Phone: (813) 254-1115  
Fax: (813) 254-2159

Supplier: **A.D.A. Engineering, Inc.**



City of Pembroke Pines

Attachment C

**NON-COLLUSIVE AFFIDAVIT**

BIDDER is the **Owner**,

(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature **Ivette O. Argudin**

Title **Executive Vice President**

Name of Company **A.D.A. Engineering, Inc.**

Supplier: **A.D.A. Engineering, Inc.**



City of Pembroke Pines

Attachment D

**SWORN STATEMENT  
ON PUBLIC ENTITY CRIMES  
UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).**

1. This sworn statement is submitted **A.D.A. Engineering, Inc.** (name of entity submitting sworn statement) whose business address is **8550 SW 33rd. St., Suite 202, Doral, FL 33122** and (if applicable) its Federal Employer Identification Number (FEIN) is **59-2064498**. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: **N/A.**)
2. My name is **Ivette O. Argudin** and my  
(Please print name of individual signing)  
  
relationship to the entity named above is **Executive Vice President**.
3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any

natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**

☒ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **(Please indicate which additional statement applies.)**

☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

**Ivette O. Argudin**  
Bidder's Name/Signature

**A.D.A. Engineering, Inc.**  
Company

**07/23/2018**  
Date



**Supplier: A.D.A. Engineering, Inc.**

**CONTACT INFORMATION FORM**

IN ACCORDANCE WITH “RFQ # PSEN-18-02” titled “**Professional Service Providers (Architectural, Engineering, Surveying & Mapping)**” attached hereto as a part hereof, the undersigned submits the following:

**A) Contact Information**

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through [www.bidsync.com](http://www.bidsync.com) as part of the bidder's submittal.

**COMPANY INFORMATION:**

COMPANY: **A.D.A. Engineering, Inc.**

STREET ADDRESS: **8550 NW 33rd. Street, Suite 202**

CITY, STATE & ZIP CODE: **Doral, FL 33122**

**PRIMARY CONTACT FOR THE PROJECT:**

NAME: **Alberto D. Argudin, PE, CGC, LEED AP** TITLE: **President**

E-MAIL: **aargudin@adaeng.net**

- TELEPHONE: **305-551-4608** FAX: **305-551-8977**

**CORPORATE OFFICER AUTHORIZED APPROVER:**

NAME: **Ivette O. Argudin** TITLE: **Executive Vice President**

E-MAIL: **iargudin@adaeng.net**

- TELEPHONE: **305-551-4608** FAX: **305-551-8977**

SIGNATURE: **Ivette O. Argudin**

Supplier: **A.D.A. Engineering, Inc.**

**PROFESSIONAL SERVICES FORM**

*Please check the boxes shown below that your company wants to be considered for:*

<input checked="" type="checkbox"/>	<b>General Civil and Environmental Engineering Services</b>
<input type="checkbox"/>	<b>Treatment Plant Process Engineering Services</b>
<input checked="" type="checkbox"/>	<b>Electrical Engineering Services</b>
<input type="checkbox"/>	<b>Geotechnical Services</b>
<input type="checkbox"/>	<b>Structural Engineering Services</b>
<input type="checkbox"/>	<b>Land Surveying Services</b>
<input type="checkbox"/>	<b>General Architectural Services</b>
<input type="checkbox"/>	<b>Landscape Architecture Services</b>
<input type="checkbox"/>	<b>Hydro-Geological Services</b>
<input checked="" type="checkbox"/>	<b>FDOT Roadway Engineering Services</b>

Supplier: **A.D.A. Engineering, Inc.**



City of Pembroke Pines

Attachment G

## **EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES**

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

**“During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples”.**

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

### **SECTION 1 DEFINITIONS**

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are

located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

## SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ **A.** Contractor currently complies with the requirements of this section; or
- ☐ **B.** Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ **C.** Contractor will not comply with the conditions of this section at the time of contract award:  
or
- ☐ **D.** Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ **1.** The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ **2.** The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ **3.** The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ **4.** The Contractor is a governmental agency;

**The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.**

COMPANY NAME: **A.D.A. Engineering, Inc.**

AUTHORIZED OFFICER NAME / SIGNATURE: **Ivette O. Argudin**



**Supplier: A.D.A. Engineering, Inc.**



City of Pembroke Pines

Attachment L

**SCRUTINIZED COMPANY CERTIFICATION  
PURSUANT TO FLORIDA STATUTE § 287.135**

I, **Ivette O. Argudin, Executive** on behalf of **A.D.A. Engineering, Inc.,**  
**Vice President,**  
 Print Name and Title Company Name

certify that **A.D.A. Engineering, Inc.**  
 Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

**A.D.A. Engineering, Inc.**  
 Company Name

**Ivette O. Argudin**  
 Print Name / Signature

**Executive Vice President**  
 Title

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