



Qualifications to Provide:

Engineering Consulting Services for Pedestrian Lighting Improvements to the Hollywood Florida Community Redevelopment Agency (CRA)

Project #: DCRA 19-023

Submitted by: A.D.A. Engineering, Inc.

Date: August 27, 2019

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DCRA 19-023, Engineering Consulting Services for
Pedestrian Lighting Improvements

SECTION I



SECTION I

- A. Title Page
- B. Table of Contents
- C. Letter of Transmittal
 - Firm Understanding
 - Authorized Representation



SECTION I: A. TITLE PAGE

RFQ NUMBER AND TITLE: DCRA 19-023, Request for Qualifications for Engineering Consulting Services to the CRA for Pedestrian Lighting Improvements

FIRM'S NAME: A.D.A. Engineering, Inc.

CONTACT PERSON: Ivette O. Argudin, Executive Vice-President

CONTACT INFORMATION: 8550 NW 33rd Street, Suite 202, Doral, FL 33122
iargudin@adaeng.net

DATE OF THE PROPOSAL: August 27, 2019 @ 2:00 p.m.



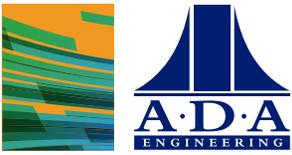


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SECTION I: C. LETTER OF TRANSMITTAL

August 27, 2019

City of Hollywood
Office of the City Clerk
2600 Hollywood Blvd., Room #221
Hollywood, FL 33020

RE: DCRA 19-023, Request for Qualifications for Engineering Consulting Services to the CRA for Pedestrian Lighting Improvements

To whom it may concern:

A.D.A. Engineering, Inc. (ADA) is pleased to submit its qualifications to the City of Hollywood, Florida Community Redevelopment Agency (CRA) to provide the services required for the Engineering Consulting Services for Pedestrian Lighting Improvements. The attached proposal details ADA's exceptional experience and corresponding preparedness. Five (5) bound copies and one (1) electronic copy of our proposal are enclosed for your review and consideration.

ADA is a multi-disciplined, full-service engineering firm focused on performing at the highest level for the City of Hollywood CRA. Since its incorporation in 1981, ADA has been providing superior consulting engineering, planning, and/or construction management services throughout Florida, including clients such as the Florida Department of Transportation (FDOT), Miami-Dade Water and Sewer Department, Miami-Dade County Public Works, US Army Corps of Engineers, City of Lauderhill, and City of Miami. Due to our firm's commitment to responsiveness, quality work budget fulfillment and on-schedule performance, our management team has developed and maintained an excellent working relationship with these clients. This commitment to excellence has helped ADA maintain over 80 percent of its work from repeat business.

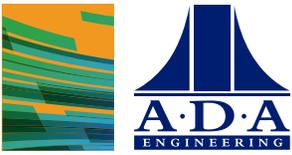
ADA's extensive capabilities will allow us to apply the necessary resources to any project regardless of size and complexity. Above all, ADA will ensure rapid response, exceptional staffing, project specific execution and management plans, and superior quality control and assurance.

ADA has also successfully completed multiple roadway lighting projects throughout South Florida. Roadway sizes range from residential to eight-lane roadways. It is our understanding that it is the City of Hollywood CRA's intent to replace existing decorative fixtures between Johnson and Washington Streets and between US-1 and NW 19 Avenue. In addition to traditional roadway "cobrahead" fixtures, ADA has completed various decorative lighting design layouts. Decorative lighting has been successfully installed for multiple locations in Miami-Dade County for the Miami-Dade County Public Works Department and in the City of Lauderhill. Additionally, ADA has also completed multiple safety projects for the Florida Department of Transportation, District Six which entailed the improvement of horizontal illumination levels at intersections and vertical illuminations levels at crosswalks with new LED fixtures. These LED fixtures retrofits also consisted of both post mount and tear drop style lighting fixtures.

It is understood that full engineering consulting services are to provide as part of this scope of work. In addition to providing lighting analysis and design, ADA's in-house staff shall provide roadway, signing and pavement markings, and signalization should these services be required. Additionally, ADA has assembled a team to provide additional services such as: surveying, geotechnical testing, subsurface utility engineering, and structural engineering on an as needed basis. ADA's team includes C. H. Perez & Associates Consulting Engineers, Inc., HR Engineering, Inc., and Hadonne Corporation. Each team member is Florida Department of Transportation (FDOT) certified to perform their specific tasks.

ADA has assembled a team to provide additional services such as: surveying, geotechnical testing, subsurface utility engineering, and structural engineering on an as needed basis. ADA's team includes **HR Engineering, Inc., Hadonne Corporation, and C. H. Perez & Associates Consulting Engineers, Inc..**





SECTION I: C. LETTER OF TRANSMITTAL

ADA staff's combined extensive capabilities will allow the firm to apply the necessary resources to any project regardless of size or complexity. Above all, ADA will ensure rapid response, exceptional staffing, project specific execution and management plans, as well as superior quality control and assurance. The staff highlighted below is authorized to make representations for ADA in regards to this Request for Qualifications.

President

Alberto D. Argudin, PE, CGC, LEED AP

8550 NW 33rd Street, Suite 202
Doral, Florida 33122
Phone: 305-551-4608
aargudin@adaeng.net

Executive-Vice President

Ivette O. Argudin

8550 NW 33rd Street, Suite 202
Doral, Florida 33122
Phone: 305-551-4608
iargudin@adaeng.net

The ADA Team, consisting of a highly qualified and experienced staff, is ready and eager to support the City of Hollywood, Florida CRA on this important contract. ADA's team has both the experience and technical capabilities to work in conjunction with the City of Hollywood CRA staff in a cost-effective and timely manner. With a proven track record, ADA emphasizes the importance of being responsive and having staff available to fulfill and exceed the City of Hollywood CRA's expectations. In addition, this letter serves as ADA's commitment to perform all work in a timely fashion and furnish staff and resources required. We look forward to being shortlisted and further discussing our qualifications with the City of Hollywood CRA.

Sincerely,

A handwritten signature in blue ink that reads "Ivette O. Argudin".

Ivette O. Argudin
Executive Vice-President

ADA emphasizes the importance of being responsive and having staff available to fulfill and exceed the City of Hollywood CRA's expectations.





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DCRA 19-023, Engineering Consulting Services for
Pedestrian Lighting Improvements

ARRISON

P

SECTION II

SECTION II

A. SF330 Forms – Architect-Engineer Qualifications

1. Part I – Contract-Specific Qualifications

A-C. Contract Information, A/E Point of Contact, Proposed Team

D. Organizational Chart of Proposed Team

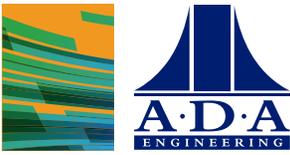
E. Resumes of Key Personnel

F. Example Projects

G. Key Personnel Participation in Example Projects

H-I. Additional Information, Authorized Representative

2. Part II – General Qualifications



SECTION II: A-C. CONTRACT INFORMATION, A/E POINT OF CONTACT, PROPOSED TEAM

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> Engineering Consulting Services for Pedestrian Lighting Improvements, (Hollywood, FL)		
2. PUBLIC NOTICE DATE 07/30/2019	3. SOLICITATION OR PROJECT NUMBER DCRA 19-023	

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 305-551-4608	7. FAX NUMBER 305-551-8977	8. E-MAIL ADDRESS iargudin@adaeng.net

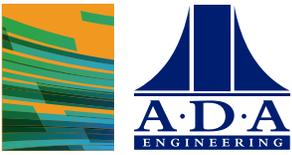
C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>			A.D.A. Engineering, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	8550 NW 33rd Street, Suite 202 Doral, FL 33122	Lighting, Minor Highway Design
b.		<input checked="" type="checkbox"/>		C.H. Perez & Associates Consulting Engineering, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	9594 NW 41st Street, Suite 201 Doral, FL 33178	Miscellaneous Structures
c.		<input checked="" type="checkbox"/>		HR Engineering Services, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	7815 NW 72nd Avenue Medley, FL 33166	Geotechnical Engineering
d.		<input checked="" type="checkbox"/>		Hadonne Corporation <input type="checkbox"/> CHECK IF BRANCH OFFICE	1985 NW 88th CT. #101 Miami, FL 33172	Surveying, Subsurface Utility Exploration
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached) See subsequent page



SECTION II: D. ORGANIZATIONAL CHART OF PROPOSED TEAM

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (REV. 8/2016)

DCRA 19-023, PEDESTRIAN LIGHTING IMPROVEMENTS



A.D.A. Engineering, Inc. (ADA)
Lighting, Minor Highway Design

C. H. Perez & Associates Consulting Engineers, Inc.
Miscellaneous Structures

HR Engineering Services, Inc.
Geotechnical Engineering

Hadonne Corporation
Surveying, Subsurface Utility Exploration

PRINCIPAL-IN-CHARGE, QA/QC
Alberto D. Argudin, PE, CGC, LEEP AP

PROJECT MANAGER
Jorge M. Plasencia, PE

LIGHTING
Jorge M. Plasencia, PE
Edmundo Rodriguez, EI



MINOR HIGHWAY DESIGN
Cairo Cangas, PE
Vamsee Tirunagari, PE* (MI)

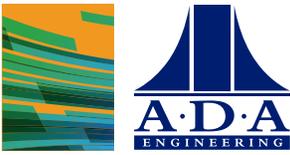
MISCELLANEOUS STRUCTURES
Randall C. Wright, PE
Sergio Gomez, PE

SURVEYING, SUBSURFACE UTILITY EXPLORATION
Abraham Hadad, PSM
Raul Izquierdo, PSM

GEOTECHNICAL ENG.
Hernando R. Ramos, PE
Liladhar Niraula, PE

DESIGN SUPPORT STAFF
Jose Dacal, EI

* Currently in reciprocity from the State of Michigan.



SECTION II: E. RESUMES OF KEY PERSONNEL

A.D.A. ENGINEERING, INC.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Alberto D. Argudin, PE, CGC, LEED AP	13. ROLE IN THIS CONTRACT Principal-in-Charge; QA/QC	14. YEARS EXPERIENCE	
		a. TOTAL 43	b. WITH CURRENT FIRM 38
15. FIRM NAME AND LOCATION (City and State) A.D.A. Engineering, Inc. Doral, FL			
16. EDUCATION (Degree and Specialization) B.S., Civil Engineering, University of Florida, 1976		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: Florida No. 23547 (Est. 1980) Certified General Contractor: Florida No. 023790 (Est. 1982) Certified Engineering Contractor: Miami-Dade County No. E98100 (Est. 1990)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
South Bayshore Drive Roadway and Drainage Improvements - Miami, FL	3/28/2012	Ongoing
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project entails the reconstruction of South Bayshore Drive from Darwin Street to Mercy Way. The project's scope includes the design of a new stormwater management system including a pump-station, street lighting, signalization improvements, shared use path for pedestrians and bicyclists, landscaping, pavement markings and signage. Mr. Argudin is the Principal-in-Charge for this project and has been instrumental in achieving the approvals of the proposed typical section.		
Master Plan and Design for NW 87th Ave. from NW 154TH St. to NW 186th St. - Miami, FL	5/6/2006	10/20/2008
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm ADA was tasked with providing professional engineering services to the Miami-Dade County Public Works Dept. for engineering services for the development of NW 87th Ave. roadway improvements. It involved master planning, public involvement and design services for widening and traffic operational improvements to the roadway corridor. The scope required widening and reconstructing NW 87th Ave. into a four-lane divided median road with sidewalks and bicycle lanes throughout the entire corridor. Mr. Argudin was the Lead Engineer for the master plan that was updated under this project and the Principal-in-Charge for the design of post design portions of this project.		
District-wide Minor Projects - Statewide, FL	8/10/2009	5/31/2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Argudin is the Principal-in-Charge and QA/QC Manager for this contract which entails the design and preparation of a complete set of construction contract plans for minor projects throughout District 4 in Broward, Palm Beach, Martin, St. Lucie and Indian River Counties. As part of this contract, ADA worked on SR 838/Sunrise Blvd. Bridge over Middle River Street Lighting which entailed design services for replacement of roadway lighting due to the reconstruction of the SR 838/Sunrise Blvd. Bridge over the Middle River. ADA also worked on SR 7/US 441 at Riverland Road/SW 20th St. Safety Improvements at signalized intersection. This encompassed new light fixtures on the NE and SE corners of the intersection, variable message LED signs facing right turn traffic in all 4 directions, and more.		
Master Plan & Roadway Reconstruction / Widening for 97th Ave. from SW 72nd St. to SW 40th St. Miami, FL	5/22/2000	6/12/2006
d. (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.		
General Engineering, Architectural and Construction Management Services Consultant - Doral, FL	1/30/2018	Ongoing
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Argudin is the Principal-in-Charge for ADA's General Engineering, Architectural and Construction Management Services Consultant contract. 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.		



SECTION II: E. RESUMES OF KEY PERSONNEL

A.D.A. ENGINEERING, INC.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jorge M. Plasencia, PE	13. ROLE IN THIS CONTRACT Project Manger, Sr. Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) A.D.A. Engineering, Inc. Doral, FL			
16. EDUCATION (Degree and Specialization) B.S., Electrical Engineering, Florida International University, 1999		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, Florida No. 62948 (Est. 2005)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The purpose of this Signalized Intersection Lighting Retrofit Safety Project along US-1 between NE 123rd Street and NE 213 Street. The purpose of this project was to retrofit the existing lighting at 25 signalized intersections along SR 5 to improve vertical illumination at crosswalks and improve horizontal illumination levels. The design included photometric analysis and evaluation of existing lighting circuits. Total estimated construction cost is \$800k. Specific role: Engineer of Record.	2018	
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) FDOT SR 7 / NW 7 Avenue- Signalized Intersection Lighting Retrofit Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The purpose of this Signalized Intersection Lighting Retrofit Safety Project along NW 7th Avenue between NW 63rd Street and NW 215th Street. The purpose of this project was to retrofit the existing lighting at 26 signalized intersections along SR 7 to improve vertical illumination at crosswalks and improve horizontal illumination levels. The design included photometric analysis and evaluation of existing lighting circuits. Total estimated construction cost is \$800k. Specific role: Engineer of Record.	2018	
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) FDOT SR 968 / West Flagler Street- Signalized Intersection Lighting Retrofit Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The purpose of this Signalized Intersection Lighting Retrofit Safety Project along West Flagler Street between W 84th Avenue and NW 27th Ct. The purpose of this project was to retrofit the existing lighting at xx signalized intersections and four midblock crossing along SR 968 to improve vertical illumination at crosswalks and improve horizontal illumination levels. The design included photometric analysis and evaluation of existing lighting circuits. Total estimated construction cost is \$800k. Specific role: Engineer of Record.	2019	
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) Miami-Dade County NW 97th Avenue - Decorative Lighting and Signalization Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2006 CONSTRUCTION (If applicable) 2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Decorative roadway lighting fixtures were designed and installed along SW 97th Avenue between SW 40th Street and SW 72nd Street. Additionally, new mast arm mounted traffic signals were installed at SW 48th Street, SW 56th Street, and SW 64th Street. School zone flashing systems were also installed in the vicinity of SW 64th Street and SW 97th Avenue. Specific Role: Design Engineer.	2006	2008
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) Miami-Dade County - NW 87th Avenue - Decorative Lighting and Signalization Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2006 CONSTRUCTION (If applicable) 2007	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Decorative roadway lighting fixtures were designed and installed along NW 87th Avenue between NW 162nd Street and NW 170th Street. Additionally, new mast arm mounted traffic signals were installed at the intersection of NW 87th Avenue and NW 170th Street. Specific Role: Design Engineer.	2006	2007
<input checked="" type="checkbox"/> Check if project performed with current firm		



SECTION II: E. RESUMES OF KEY PERSONNEL

A.D.A. ENGINEERING, INC.

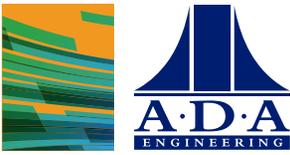
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Edmundo Rodriguez, EI	13. ROLE IN THIS CONTRACT Lighting/Electrical Designer	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. TOTAL</td> <td style="width: 50%;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">1</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	3	1
a. TOTAL	b. WITH CURRENT FIRM						
3	1						
15. FIRM NAME AND LOCATION (City and State) A.D.A. Engineering, Inc., Doral, FL							
16. EDUCATION (Degree and Specialization) B.S., Electrical Engineering Florida International University, 2006		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineering Intern, Florida No. 1100020904 (Est. 2017)					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)							

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
District-wide Lighting Retrofit at Signalized Intersections, FDOT District 6, Miami, FL	PROFESSIONAL SERVICES Ongoing - 2.3 years	CONSTRUCTION (If applicable) Started 05/2019
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer working also as Project Manager Support of two major FDOT District 6's contracts (C-9S96/C-9S97). Roadway lighting/electrical design extended to 167 signalized intersections along SR-933, SR-7, SR-5, SR-9, SR-934 and SR-A1A corridors. Project involvement include the Lighting Design (Plans, Report and Photometric) matching existing roadway configuration and decorative lighting as applicable as well as the procurement of Lighting Agreements with the electrical service provider when existing lighting was already being provided by them; Work duties extended to coordinate proposed design with FDOT reviewers and City Engineers Engineer. Responsible for proving lighting design modification in compliance with NEC, FDOT D6 Guidelines, FDOT Standard and Specifications for the new proposed conditions.		
ARSHT Center Parking Lot, Miami Parking Authority, Miami, FL	PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION (If applicable) PENDING
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer responsible for the lighting design and electrical plans. The electrical scope of the project consisted of providing required illumination on compliance of Miami-Dade County ordinances and NEC minimum electrical and safety requirements. His duties included engineering judgment and recommendations to find most suitable pole mounting height with a recommended luminaire to save budget, while meeting the illumination horizontal foot-candle values and ratios requirements. Engineering scope was to provide backup documentation, including photometric and voltage drop calculations. Additional analysis during redesign extended to reconfigurations of poles type and locations to avoid limited R/W and ensure pole protection from cars when parking.		
SR 924 (Gratigny) Extension West to Homestead Extension of Florida's Turnpike (HEFT)	PROFESSIONAL SERVICES 2018	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 Lead Project Engineer and Designer for MDX in house design group. Project scope encompassed the development of the Design Build Lighting RFP of 2 of out of 3 sections of the project and Lighting In-house Design of the third section. Scope of project include the preliminary Concept Design and Cost Estimate for SR 924 extension along NW 138th ST, and NW 107th AVE connection to the new ON/OFF Ramps; and the lighting design and plans for proposed SR 924 flight over ON/OFF Florida's Turnpike ramps, including extensive coordination with FTE project under development to delimit maintenance responsibilities and impact from each project's lighting design spillage.		
MDX Work Program 30042 - SR 836 High Mast Retrofit	PROFESSIONAL SERVICES 2017 - 2018	CONSTRUCTION (If applicable) PENDING I.T.B.
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Lead Project Engineer and Designer for MDX in house design group. Engineer responsible for retrofitting of 10 high mast light poles installed in 1978 with LED luminaires and the installation of any required roadway luminaires on aluminum light poles to integrate with to the existing lighting system to supplement the roadway lighting to meet the latest lighting design criteria. Replacement of the pole cable distribution system for the high mast light poles and the replacement/upgrade of the existing load center.		
NW 87th Avenue Interchange Reconstruction at SR 836, MDX, Miami, FL	PROFESSIONAL SERVICES 2016 - 2017	CONSTRUCTION (If applicable) ONGOING
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Task Support Designer Engineer accountable for the plans revision that included the LED lighting improvements of the initial High-Pressure Sodium (HPS) design with high mast lighting for the interchange and conventional lighting poles for ramps illumination. Scope of work included the relocations of the proposed High Mast lighting layout to comply with Federal Aviation Administration regulations and guidelines for roadway lighting installation and minimum clearance requirements under airways.		



SECTION II: E. RESUMES OF KEY PERSONNEL

A.D.A. ENGINEERING, INC.

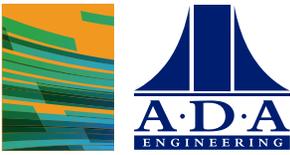
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Cairo Cangas, PE	13. ROLE IN THIS CONTRACT Roadway, Signing and Pavement Markings, Signalization EOR	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) A.D.A. Engineering, Inc., Doral, Florida			
16. EDUCATION (Degree and Specialization) B.S., Civil Engineering, Florida International University, 2006		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, Florida No. 77001 (Est. 2014)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FDOT Traffic Control Plans Advanced Certification, FDOT Project Management Certification, FDOT LRE Training Completion, FDOT Specification Package Preparation Training Completion.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
District-Wide (Intersection Lighting Retrofit) Miscellaneous PE Design Contract C-9S96, Florida Dept. of Transportation, District 6, Miami-Dade County, FL	Ongoing - 2.3 years	Started 05/2019
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Cangas serves as the Contract/Project Manager for this contract and its individual task work orders. The contract not to exceed fee is \$1.5M over 5 years (including construction duration). Mr. Cangas has managed over 26 TWOs, 9 of which were stand-alone design projects (plans/specs). The scope of the contract includes lighting photometric calculations at multiple signalized state road intersections within Miami-Dade County to improve the lighting characteristics for motorists and pedestrians by retrofitting existing luminaires with LED luminaires, adding light poles, and coordinating with FPL to retrofit luminaires or add new luminaires on their poles.		
District-Wide Miscellaneous PE Design Contract C-9442, Florida Dept. of Transportation, District 6, Miami-Dade County, FL	2017	Varied
b. (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 Contract/Project Manager for this contract and its individual task work orders. The contract not to exceed \$1.5M over 6 years (including construction duration). Mr. Cangas managed over 20 TWOs, 4 of which were stand-alone design projects (plans/specs). The scope of the contract included project management, plans (roadway/signing and pavement marking/signalization/ landscaping/miscellaneous structures), specifications, engineering cost estimates, design exceptions/variations, typical section packages, pavement design packages, design of traffic control plans, utility coordination, and assistance with off-system agreements/MMOA/license agreements/parcel purchases/access management.		
SR 953/LeJune Road/ SW 42nd Avenue from Almeria Avenue to Majorca Avenue Safety Improvement Project, Florida Dept. of Transportation, District 6, Coral Gables, FL	2017	2017
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project's safety improvements included access management restrictions by installing raised landscaped medians, included widening Alhambra Circle to the inside median to create positive offset for the permissive left-turn movements at the intersection with LeJune Road. The proposed improvements included roadway widening, installation of bike facilities to advance the implementation of the City of Coral Gables' Bike Master Plan, drainage improvements, and enhanced pedestrian safety features. The professional services included: engineering cost estimates, design exceptions/variations, typical section package, pavement design packages, design of traffic control plans, utility coordination, and assistance with off-system agreements/MMOA/license agreements, and post-design services during construction.		
SR 90 / SW 8th Street at SW 67th Avenue Safety Improvement Project, Florida Dept. of Transportation, District 6, Miami-Dade, FL	2018	2018
d. (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. The project's construction fee was \$0.5M, and its safety improvements included milling and resurfacing and removal of concrete decorative crosswalk to improve pavement friction, minor cross slope correction, curb ramp reconstruction to meet ADA criteria, pedestrian signalization improvements, and signing and pavement markings including pedestrian warning crossing signs ahead of and at crosswalks, and post-design services during construction. The project included the design and installation of decorative post top mounted light poles to positively illuminate the pedestrian at the crosswalk.		
SR 934/E. 25th Street/E. 79th Street from E. 4th Avenue/NW 47th Avenue to E. 12th Avenue/NW 37th Avenue Safety Improvement Project, Florida Dept. of Transportation, District 6, Hialeah, FL	2018	Ongoing
e. (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. The project's construction fee is \$1.3M. The project's safety improvements include access management restriction by installing, raised medians, median widening to improve offset to left-turn lanes at signalized intersections, the installation of a new pedestrian mid-block crossing (with actuated RRFBs), replacement of three mast arms with standard mast arms, drainage improvements & signing/pavement markings including pedestrian warning signs ahead at crosswalks. This project is currently in construction, and Mr. Cangas is providing post-design services during construction. This project included the analysis and design of modifications to the lighting at the new mid-block crossing, requiring the relocation of two light poles to positively illuminate the pedestrian at the crosswalk.		



SECTION II: E. RESUMES OF KEY PERSONNEL

A.D.A. ENGINEERING, INC.

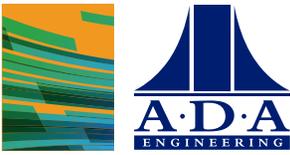
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Vamsee Tirunagari, EI	13. ROLE IN THIS CONTRACT Minor Highway Design Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) A.D.A. Engineering, Inc. Doral, FL			
16. EDUCATION (Degree and Specialization) B.S., Civil Engineering , Osmania University in India , 2006 M.S., Civil Engineering, Florida International University , 2008		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineering Intern: Michigan (Est. 2007)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
SR 94/SW 88th St./North Kendall Dr. RRR & Safety Improvements	2/26/2016	10/18/2018
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The contract included 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 included 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. Mr. Tirunagari was the lead designer for this project.		
SR 934/E. 25th Ave./E. 79th St. from E. 4th Ave./NW 47th Ave. to E. 12th Ave./NW 37th Ave. Safety Project	8/28/2015	8/29/2018
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 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 through 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.		
SR 953/LeJeune Road/ SW 42nd Ave. from Almeria Ave. to Majorca Ave. Safety Project	5/29/2014	5/3/2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The scope encompassed safety improvements such as access management restriction by installing raised landscaped medians, median widening to provide offset distance to left-turn lanes at signalized intersection, replacement of four mast arms with four new standard mast arms, drainage improvements & signing/ pavement markings including pedestrian warning signs ahead/at crosswalks. Mr. Tirunagari's responsibilities included production of Roadway, Signing/Pavement Marking plans, managing personnel and preparation of Design Packages such as Typical Section Package, Pavement Design Package and Design Variations.		
SR 90/SW 8th St. at SW 67th Ave. Safety Project	2/11/2014	10/25/2017
d. (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: milling and resurfacing and removal of concrete decorative crosswalk to improve pavement friction; minor cross slope correction; curb ramp reconstruction to meet ADA criteria; pedestrian signalization improvements; and signing and pavement markings including pedestrian warning crossing signs ahead of and at crosswalks. Mr. Tirunagari was responsible for the Roadway, Signing and Pavement Marking plans production and preparation of Design Packages as Typical Section Package and Pavement Design Package.		
SR 817/NW 27th Ave. from NW 165th St. to NW 171st St. Safety Project	1/27/2014	8/1/2017
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The main proposed improvements included: milling and resurfacing the northbound and southbound approaches to the interchange to convert the innermost through 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. Mr. Tirunagari was responsible for the Roadway plans production and preparation of Design Packages as Typical Section Package and Pavement Design Package.		



SECTION II: E. RESUMES OF KEY PERSONNEL

A.D.A. ENGINEERING, INC.

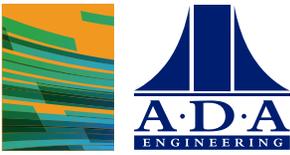
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jose Dacal, EI	13. ROLE IN THIS CONTRACT Design Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 2	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) A.D.A. Engineering, Inc., Doral, Florida			
16. EDUCATION (Degree and Specialization) B.S., Civil Engineering, Florida International University, 2017		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineering Intern, Florida No. 1100021282 (Est. 2018)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Districtwide (Intersection Lighting Retrofit) Miscellaneous PE Design Contract C-9S96, Florida Dept. of Transportation, District 6, Miami-Dade County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Dacal serves as part of the design team in the plan production for roadway components aiding in production of details related with non-standards features to be installed at conflict locations. The Contract not to exceed fee is \$1.5M over 5 years (including construction duration). Particularly, Mr. Dacal has been involved on Task Work Order (TWO) along SR 968 / West Flagler St. from W 84th Ave. to W 29th Ave. The purpose of this project is to retrofit the existing lighting at 20 signalized locations along SR 968 in order to improve pedestrian lighting by providing positive illumination at all of the vehicular approached to crosswalks and by increasing the vertical illumination to a minimum of 1.0-1.5 F.C.	PROFESSIONAL SERVICES Ongoing - 2.3 years	CONSTRUCTION (If applicable) Started 05/2019
b.	(1) TITLE AND LOCATION (City and State) SR 934/E. 25th Street/E. 79th Street from E. 4th Avenue/NW 47th Avenue to E. 12th Avenue/NW 37th Avenue Safety Improvement Project, Florida Dept. of Transportation, District 6, Hialeah, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Dacal serves as part of the design team in the plan production for roadway components. The Project's construction fee is \$1.3M. The Project's safety improvements included access management restriction by installing raised medians, median widening to provide offset to left-turn lanes at signalized intersections, the installation of a new pedestrian midblock crossing (with actuated RRFBs), replacement of three mast arms with standard mast arms, drainage improvements & signing/pavement markings including pedestrian warning signs ahead at crosswalks.	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) Ongoing
c.	(1) TITLE AND LOCATION (City and State) SR A1A / Collins Ave. from North of Haulover Inlet to South of Bayview Dr. RRR Project, Florida Dept. of Transportation, District 6, Miami-Dade County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Dacal serves as part of the design team of the project working on the creation of the roadway plans. The preliminary project's construction fee is \$6.0M. The scope of the project's improvements includes milling and resurfacing; ADA upgrades; signing and pavement markings upgrades; and analysis of substandard features requiring Design Variations. The project consists of widening the median to standard 22', reducing the four thru lanes to 11' each, widening the shoulders to accommodate 7' buffered bike lanes, new pedestrian crosswalks at two existing signalized intersections, and replacing the existing lighting with new turtle-friendly roadway lighting. Additionally, this project includes signalization improvements at two signalized intersections, including complete signal reconstruction at one intersection.	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) 07/2021
d.	(1) TITLE AND LOCATION (City and State) SR 94 / SW 88th St. / North Kendall Dr. from SW 77th Ave. to SR5/US-1 / S. Dixie Highway, RRR Project Florida Dept. of Transportation, District 6, Miami-Dade County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Dacal has been involved in the post design phase aiding in solving conflicts during the construction phase. The project's construction fee is \$3.2M. This project 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 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.	PROFESSIONAL SERVICES 02/2016	CONSTRUCTION (If applicable) Started 07/2019
e.	(1) TITLE AND LOCATION (City and State) SR 976 / SW 40th Street / Bird Road from SW 117th Ave. to SW 102nd Ave., RRR & Safety Improvements, Florida Dept. of Transportation, District 6, Miami-Dade County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Dacal served as part of the design team of the project working on utilities verification and plans production. The preliminary project's construction fee is \$2.9M. This project included RRR improvements (milling and resurfacing, ADA upgrades, signing and pavement markings upgrades). Additionally, the safety project improvements included access management restriction by installing raised medians, new U-turn lane to accommodate access management modifications, replacement of six mast arms, replacement of existing controller cabinets, upgrading signalization service disconnects, and signing and pavement markings including pedestrian warning crossing signs at crosswalks.	PROFESSIONAL SERVICES 05/2019	CONSTRUCTION (If applicable) Start 12/2019



SECTION II: E. RESUMES OF KEY PERSONNEL

C.H. PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC.

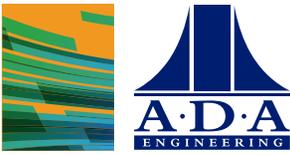
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Randall C. Wright, PE	13. ROLE IN THIS CONTRACT Misc. Structures Engineer	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL 43</td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM 39</td> </tr> </table>		a. TOTAL 43	b. WITH CURRENT FIRM 39
a. TOTAL 43	b. WITH CURRENT FIRM 39				
15. FIRM NAME AND LOCATION (City and State) C.H. Perez & Associates Consulting Engineers, Inc. - Doral, FL					
16. EDUCATION (Degree and Specialization) BS Civil Engineering, 1976 Michigan State University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida PE No. 62099, 2004 Michigan PE No. 6201027699, 1980			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
C9672 SR-5 / US-1 / Overseas HWY S MacDonald to S of Coppitt RD - FDOT District 6, FL	05/12	05/14
a. Responsible for the development of engineering documents required for the widening and milling and resurfacing of SR-5 within the limits of the project. Work also included the load rating, design and detailing for: the addition of a sidewalk on the northbound bridge over Cow Key Channel; replacement of the obsolete traffic railing on the southbound bridge over Boca Chica channel; bent cap repairs and the cathodic portion for the piles and bent caps for the northbound and southbound bridges over Boca Chica channel; and adding pedestrian/bicycle to the existing traffic railing on the bridges over Saratoga Blvd. and Rockland channel as well as all the necessary signing, pavement markings, signalization and lighting improvements required to bring corridor to current standards. Construction Cost: \$1.5 M.	<input checked="" type="checkbox"/> Check if project performed with current firm	
C8X87 SR 826/GGI from SR 91 / SE end of bridge to East of NW 1 AVE - FDOT District 6, FL	10/11	12/14
b. Responsible for the development of engineering documents required for the milling and resurfacing and partial reconstruction of on/off ramps connecting SR-826 and I-95 the Golden Glades Interchange. Work also included the structural design of mast arms and overhead sign; lighting and ITS design improvements required as the result of the reconstruction. Construction Cost: \$1.7 M.	<input checked="" type="checkbox"/> Check if project performed with current firm	
C8X87 SR-7 / NW 7 AVE from 813 N of NW 157 AVE to SR-9 - FDOT District 6, FL	01/10	12/11
c. Responsible for the development of engineering documents required for the reconstruction of eleven on/off ramps to access SR-7 within the Golden Glades Interchange (GGI). Work also included upgrades to the bridge railings to meet current standards and overhead signage lighting design as well as all the necessary signing, pavement markings, signalization, lighting and ITS improvements required as the result of the reconstruction. Construction Cost: \$5.2 M.	<input checked="" type="checkbox"/> Check if project performed with current firm	
FEMA Natural Disaster Emergency - Broward, Palm Beach and St. Lucie Co. FL	07/05	12/05
d. Project Manager and team leader for emergency structural safety review of overhead sign structures in Broward and West Palm Beach Counties and light poles, strain poles and mast arms in St. Lucie County following hurricane Wilma in 2005. Responsibilities included design of several cantilever structures and repair of the same type of structures. Design based on FDOT programs and hand calculations.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Discharge Flume System Restoration - Tampa, FL	10/08	07/09
e. Senior Structural Engineer and EOR responsible for the calculations, plans preparation, checking and QC/QA for the design of the restoration of the steel sheet pile walls, cap and strut system of the cooling mixing chamber and discharge flumes for Tampa Bay Electrical Bayside power plant a 9.6 million dollar project. Due to the warm water in the cooling chamber and flumes the system is considered a manatee refuge.	<input checked="" type="checkbox"/> Check if project performed with current firm	



SECTION II: E. RESUMES OF KEY PERSONNEL

C.H. PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Sergio Gomez, PE		13. ROLE IN THIS CONTRACT Misc. Structures Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 30	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION (City and State) C.H. Perez & Associates Consulting Engineers, Inc. - Doral, FL					
16. EDUCATION (Degree and Specialization) BS Civil Engineering, 1988 Universidad Politécnica de la Habana, Cuba (CUJAE)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida PE No. 60719, 2004		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
SR 826 / Palmetto Expressway from NW 42 AVE to NW 32 AVE - Miami, FL		04/17	03/20
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Responsible for the development of engineering documents required for the reconstruction of SR-826 within the limits of the project. Work included signalization and lighting improvements required to bring corridor improvements to current standards. Construction Cost: \$TBD.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
SR 990 / SW 112 ST from SW 97 AVE to SR 5 / US-1 - Miami, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		01/15	01/17
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Responsible for the development of engineering documents required for the resurfacing of SR-990 within the limits of the project. Work included signalization and lighting improvements required to bring corridor to current standards. Construction Cost: \$TBD.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
SR 836 from NW 57 Ave to NW 17 Avenue - Miami, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		01/15	08/17
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Responsible for the development of engineering documents required for the reconstruction of SR-836 within the limits of the project. Work included traffic analysis, signalization and lighting improvements along the main line as well as the implementation of Diverted Diamond Interchanges at NW 57 Ave and NW 27 Ave.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
EDP-PW-20130167 SW 137 Avenue from SW 26 ST to SW 8 ST Master Plan, Miami, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		09/15	04/18
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Responsible for the development of engineering documents required for the reconstruction of SW 137 Avenue within the limits of the project to realign and convert it from two-lane to a three-lane facility. Work also included all the necessary roadway, signing, pavement markings, lighting, and drainage improvements required to bring corridor to current standards.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
C9I34 Port St Lucie BLVD from Paar DR to Darwin BLVD, Port St. Lucie, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		01/15	01/18
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Responsible for the development of engineering documents required for the reconstruction of this off system corridor within the limits of the project. Firm's work includes lighting and signalization improvements required to bring corridor to current standards. Construction Cost: \$TBD.			



SECTION II: E. RESUMES OF KEY PERSONNEL

HR ENGINEERING SERVICES, INC.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Hernando R. Ramos, P.E.	13. ROLE IN THIS CONTRACT Senior Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 34	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION (City and State) HR Engineering Services, Inc.			
16. EDUCATION (Degree and Specialization) BS Civil Engineering – U. of Cartagena – Colombia MS Civil Engineering – FIU, Miami MS Civil Engineering – Georgia Tech - Atlanta		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineering - Florida 42045	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Professional Engineering - Florida 42045			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
SR 826/SR 836 Palmetto Expwy/ Dolphin Expwy Interchange Complex/ FDOT, D6 Design Build	2008	2015
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Reconstruction of entire interchange, including 46 new bridges (4 of them are segmental bridges), embankments, MSE walls and miscellaneous structures. Provided all the final field exploration and geotechnical design of the project. The bridges are supported on 24 and 30-inch square concrete piles. Due to the high column loads at the segmental piers, the foundation design included a group axial and lateral pile analysis using FB-MultiPier program, combined with an axial rock punching shear analysis to be able to bear the piles on the second, relatively thin rock layer. Performing dynamic pile load testing (PDA) and verification testing for the project, providing pile lengths and driving criteria. In addition, performing CSL testing on miscellaneous shafts and PIT on driven piles.		
SR 826/I-75 Express lanes, from South of SR 836 to NW 170th Street, D6 Design Build	2013	On Going
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Providing all the final field exploration and geotechnical design of the project. The construction of the express lanes includes the widening of all existing bridges, from north of NW 25th Street to NW 138th Street, construction of one new bridge connecting the express lanes from SR 826 to I-75 and two new 2 span bridges over SR 924 Ramps. Most of the bridges widening are supported on 18-inch square prestressed concrete driven piles. The new bridges are supported on 24-inch square prestressed concrete driven piles. The project also includes the design and construction of a new anchored bulkhead along Peter's Pike Canal, from north of NW 103rd Street to I-75 South Ramp to SR 826 to help accommodate the widening of SR 826 and miscellaneous sign and gantry toll structures.		
I-95 Managed Lanes, from SR 112 to Golden Glades Interchange/FDOT, D6 Design Build	2009	2011
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided all the final field exploration and geotechnical design of the project. I-95 Bridges widening - Performed group axial and lateral analyses using 18-inch square prestressed concrete driven piles for the I-95 bridges. For I-95/SR 112 Interchange flyovers, retrofitted all the existing piers using 13.6-inch diameter steel driven piles and 7-inch diameter micropiles while the traffic was open on the flyover structures after bridge retrofitting, the closest piers to I-95 were removed to be able to widen the roadway and the extra new loads were taken by the retrofitted piers. In addition, included the design of new retaining walls, miscellaneous structures, and widening of the roadway embankments.		
NW 25th Street Viaduct - From NW 22nd Street to SR 826/ FDOT, D6, Miami-Dade County, Florida.	2011	2011
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design: Group axial and lateral analysis of 24-inch square prestressed concrete driven piles. The viaduct structure has a maximum span of 220 feet. Our recommendations for minimum pile tip elevations were based on the lateral analysis, combined with an axial rock punching shear analysis to be able to bear the piles on the second, relatively thin rock layer. Recommended dynamic pile testing (PDA) at every pier located in the canal and every other pier located in the ground. PDA testing (including verifications) was conducted and production pile lengths and driving criteria were provided.		

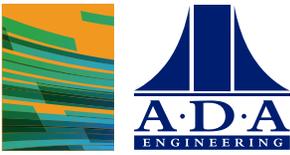


SECTION II: E. RESUMES OF KEY PERSONNEL

HR ENGINEERING SERVICES, INC.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT			
<i>(Complete one Section E for each key person.)</i>			
12. NAME Liladhar Niraula, P.E.	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION <i>(City and State)</i> HR Engineering Services, Inc.			
16. EDUCATION <i>(Degree and Specialization)</i> MS Civil Engineer – Oxford University, Oxford, UK MS Civil Engineer – University of Florida, Gainesville, Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineering - Florida 69917	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION <i>(City and State)</i> SR 874 Improvements – From SW 117th Avenue to SW 88th Street <u>Miami-Dade County, Florida</u>	(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> On going
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Coordinating this project from soil/rock description, drafting of the core borings and data reduction. The project consists of the performance of 250 auger borings, 200 noise wall borings, 14 bridge borings and 10 sign structure borings		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 836/SR 826 Interchange Miami-Dade County, Florida		
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> 2015
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Coordinating this project from soil/rock description, drafting of core borings and data reduction. The project consists of performance of 160 auger borings, 185 MSE wall borings and 61 sign structure borings. Provided geotechnical foundation recommendations.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i> I-95 Managed Lanes, from SR 112 to Golden Glades Interchange/FDOT, D6 Design Build, Miami-Dade County, Florida		
		PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> 2011
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided all the final field exploration and geotechnical design of the project. I-95 Bridges widening – Performed group axial and lateral analyses using 18-inch square prestressed concrete driven piles for the I-95 bridges. For I-95/SR 112 Interchange flyovers, retrofitted all the existing piers using 13.6-inch diameter steel driven piles and 7-inch diameter micropiles while the traffic was open on the flyover structures after bridge retrofitting, the closest piers to I-95 were removed to be able to widen the roadway and the extra new loads were taken by the retrofitted piers. In addition, included the design of new retaining walls, miscellaneous structures, and widening of the roadway embankments			
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Metrorail Earlington Heights Connector MDT-Miami-Dade County		
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> On going
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Coordinating this project from soil/rock description, drafting of core borings and data reduction. The project consists of the performance of 140 test borings. The study includes lateral and axial capacity analyses.			



SECTION II: E. RESUMES OF KEY PERSONNEL

HADONNE CORPORATION

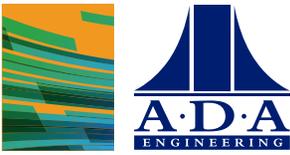
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Abraham Hadad, PSM	13. ROLE IN THIS CONTRACT President /Senior Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State) Hadonne Corp, Doral Florida			
16. EDUCATION (Degree and Specialization) Surveying Courses I and II, Miami-Dade College / 2000		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida / Professional Surveyor and Mapper / FL LS0006006	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) CAICE Training, Estimating Training, M.O.T. Training, OSHA Training, Project Management Classes			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Caribbean Blvd. Roadway Improvements, Cutler Ridge, FL	2016	N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Topographic Survey, design and engineering for roadway improvements on Caribbean Blvd. from Coral Sear Road to SW 87th Avenue. Specific Role: Principal-in-Charge / Project Surveyor		
Hollywood Gardens Sidewalk Improvements, Miami Beach, FL	2016	N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Topographic Survey, Vertical and Horizontal control points, alignments and/or existing right of way lines. Aerial targets Specific Role: Principal-in-Charge / Project Surveyor		
709 Alton Road, Miami Beach, Florida.	2018	N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Complete construction layout for entire project. Asbuilt Survey. Specific Role: Principal-in-Charge / Project Surveyor		
Tobie Wilson Park Miami, FL	2014	N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Services provided at the Tobie Wilson Park North of NW South River Drive in Medley, FL which included surveying services for final design phase of the project. Specific Role: Principal-in-Charge / Project Surveyor .		
Juan Pablo Duarte Park Miami, FL	2016	N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Surveying and S.U.E. services for the project known as the "Flood Mitigation South" to establish horizontal and vertical controls on the proposed route. Established benchmarks and control points along route. Services included the creation of a master horizontal control file that was used throughout the planning and design of the roadway alignment. Specific Role: Principal-in-Charge / Project Surveyor		



SECTION II: E. RESUMES OF KEY PERSONNEL

HADONNE CORPORATION

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Raul Izquierdo, PSM	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION (City and State)
Hadonne Corp, Doral Florida

16. EDUCATION (Degree and Specialization) Surveying Courses I and II, Miami-Dade College / 1988	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida / Professional Surveyor and Mapper / FL LS0006099
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
CAICE Training, EFB/CEFB and EFBP Training, HECTOR Training, ESRI Training, Various Surveying Seminars

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Fisher Island Survey of Sea Wall and Soundings of Fisherman's Channel Miami Beach, FL	2012	N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Survey of sea wall including elevations and the 10-foot strip just south of the sea wall along with soundings in Fisherman's Channel to determine the depth of the channel. Specific Role: Project Surveyor.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Hollywood Gardens Sidewalk Improvements, Miami Beach, FL	2016	N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Topographic Survey, Vertical and Horizontal control points, alignments and/or existing right of way lines. Aerial targets Specific Role: Project Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	
709 Alton Road, Miami Beach, Florida.	2018	N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Complete construction layout for entire project. Asbuilt Survey. Specific Role: Project Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	
Tobie Wilson Park Miami, FL	2014	N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Topographic Survey, design and engineering for roadway improvements on Caribbean Blvd. from Coral Sear Road to SW 87th Avenue. Specific Role: Project Surveyor.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Juan Pablo Duarte Park Miami, FL	2016	N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Description: Surveying and S.U.E. services for the project known as the "Flood Mitigation South" to establish horizontal and vertical controls on the proposed route. Established benchmarks and control points along route. Services included the creation of a master horizontal control file that was used throughout the planning and design of the roadway alignment. Specific Role: Project Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	



SECTION II: F. EXAMPLE PROJECTS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">1</p>		
21. TITLE AND LOCATION <i>(City and State)</i> 97th Avenue from SW 72nd Street to SW 40th Street - Master Plan and Roadway Reconstruction and Widening. Miami, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2015</td> <td>CONSTRUCTION <i>(If applicable)</i> 2018</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2018
PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2018			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Miami-Dade County Public Works Dept.	b. POINT OF CONTACT NAME Lana Moorey, P.EE.	c. POINT OF CONTACT TELEPHONE NUMBER (305) 375-2863
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

W 97th Avenue in Miami-Dade County, A.D.A. Engineering, Inc. (ADA) was involved in a 2-mile roadway improvement project for street lighting and signalization, drainage, including addressing the road's flooding problems, roadway design, maintenance of traffic and pavement markings.

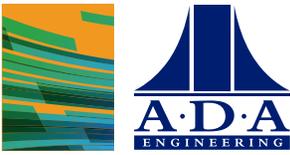
Street lighting along the entire project was provided by ADA under this contract. Optimization of the existing traffic signals, at several major intersections, and the school flashing beacons, within the school zone were also provided as part of ADA's key electrical design efforts. New signing and pavement markings and maintenance of traffic plans were also included as part of the construction documents.

The work included development of alternative roadway sections master plan and participation in public hearings to obtain input from the community in selecting the final project section. ADA also coordinated to include landscape median and traffic circles. An opinion of probable construction costs based on the construction plans and specifications at all different submittals during the design process was also provided. Construction cost of \$5M.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME A.D.A. Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Doral, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



SECTION II: F. EXAMPLE PROJECTS

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

20. EXAMPLE PROJECT KEY NUMBER
2

21. TITLE AND LOCATION <i>(City and State)</i> NW 87th Avenue from NW 154th Street to NW 186th Street - Master Plan and Design. Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Miami-Dade County Public Works Dept..	b. POINT OF CONTACT NAME Octavio Marin.	c. POINT OF CONTACT TELEPHONE NUMBER (305) 375-1305
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

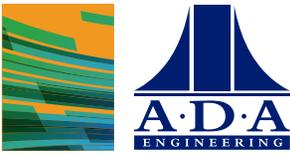
A.D.A. Engineering, Inc. (ADA) was tasked to provide Professional Engineering Services to Miami-Dade County Public Works (MDCPWD) for engineering services for the development of NW 87th Avenue roadway improvements. This project involves master planning, public involvement and design services for widening and traffic operational improvements to the roadway corridor. The project scope requires widening and reconstructing NW 87th Avenue into a four-lane divided median road with sidewalks and bicycle lanes throughout the entire corridor. The project location consists of two segments; 87th Avenue, from NW 154th street to NW 162nd Street will be an entire new construction within a new acquired Right of Way and the section of NW 87th Avenue, from NW 170th Street to NW 186th Street, consisting of widening of the road to the west to be used as southbound lanes and milling and resurfacing of the northbound road to the east. Each segment of the project will provide for sidewalks, curb and gutter, storm drainage, bicycle access, lighting (decorative within the Town of Miami Lakes), signalization and signing and pavement markings. This project matched the existing design of NW 87th Avenue, South of Miami Lakes Boulevard and North of Miami Garden Drive as a four-lane divided median.

A storm water sewer system and exfiltration trenches were provided to meet drainage and water quality standards. Excess runoff was overflowed into the NW 170th Canal after water treatment and water quality standards have been met. ADA also coordinated the permitting requirements with The South Florida Water Management District (SFWMD) and Miami-Dade Department of Environmental Resources Management (DERM). Lighting was also provided throughout the project as well as relocating and/or providing new mast arms at the signalized intersections. The construction cost was \$7M.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME A.D.A. Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Doral, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



SECTION II: F. EXAMPLE PROJECTS

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 <i>(City and State)</i> SR 5 / US1 Signalized Intersection Lighting Retrofit from NE 123rd Street to NE 213th Street, Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Florida Dept. of Transportation (FDOT), District 6	b. POINT OF CONTACT NAME Patrick Marchant, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 305-470-5214
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

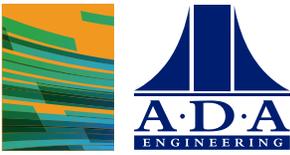
A.D.A. Engineering, Inc. (ADA) was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project along SR 5/US-1 between NE 123rd Street and NE 213th Street. The purpose of this project was to retrofit the existing lighting at signalized locations and mid-block crossings along SR 5 in order to improve pedestrian lighting by increasing the vertical illumination at the near side vehicular approaches to crosswalks and by improving the horizontal illumination levels.

Close coordination was required with both the Florida Department of Transportation and Miami-Dade County (the maintaining agency). Photometric analysis was performed in addition to evaluation of existing circuits for reuse. Field surveys were conducted throughout the project corridor. Additionally, underground utilities were coordinated/identified. In the event of an underground conflict, the proposed pole location was then evaluated for placement of shallow/spread footer foundation. Estimated construction cost is \$800k.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	A.D.A. Engineering, Inc.	Doral, FL	Prime - Electrical Engineering
b.			
c.			
d.			
e.			
f.			



SECTION II: F. EXAMPLE PROJECTS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">4</p>		
21. TITLE AND LOCATION <i>(City and State)</i> SR 968 / West Flagler St. Signalized Intersection Lighting Retrofit from W 84th Ave. to NW 27th Ct. Miami, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2019</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Florida Dept. of Transportation (FDOT), District 6	b. POINT OF CONTACT NAME Patrick Marchant, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 305-470-5214
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

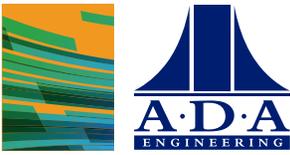
A.D.A. Engineering, Inc. (ADA) was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project along SR 968/West Flagler Street between West 84th Avenue and NW 27th Court. The purpose of this project was to retrofit the existing lighting at signalized locations and mid-block crossings along SR 968 in order to improve pedestrian lighting by increasing the vertical illumination at the near side vehicular approaches to crosswalks to a minimum of 1.0-1.5 F.C. (3.0 F.C. at mid-block signalized crosswalks), while also improving the horizontal illumination levels as per FDOT FDM criteria.

Close coordination was required with both the Florida Department of Transportation and Miami-Dade County (the maintaining agency). Photometric analysis was performed in addition to evaluation of existing circuits for reuse. Field surveys were conducted throughout the project corridor. Additionally, underground utilities were coordinated/identified. In the event of an underground conflict, the proposed pole location was then evaluated for placement of shallow/spread footer foundation. The estimated construction cost is \$800k.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME A.D.A. Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Doral, FL	(3) ROLE Prime - Electrical Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



SECTION II: F. EXAMPLE PROJECTS

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 <i>(City and State)</i> SR 7 / NW 7th Ave. Signalized Intersection Lighting Retrofit from NW 63rd St. to NW 215th St. Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Florida Dept. of Transportation (FDOT), District 6	b. POINT OF CONTACT NAME Patrick Marchant, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 305-470-5214
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

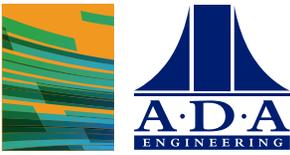
A.D.A. Engineering, Inc. (ADA) was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project along SR 7/NW 7th Avenue between NW 63rd Street and NW 215th Street. The purpose of this project was to retrofit the existing lighting at signalized locations and mid-block crossings along SR 7 in order to improve pedestrian lighting by increasing the vertical illumination at the near side vehicular approaches to crosswalks to a minimum of 1.0-1.5 F.C. (3.0 F.C. at mid-block signalized crosswalks), while also improving the horizontal illumination levels as per FDOT FDM criteria.

Close coordination was required with both the Florida Department of Transportation and Miami-Dade County (the maintaining agency). Photometric analysis was performed in addition to evaluation of existing circuits for reuse. Field surveys were conducted throughout the project corridor. Additionally, underground utilities were coordinated/identified. In the event of an underground conflict, the proposed pole location was then evaluated for placement of shallow/spread footer foundation. Estimated construction cost is \$800k.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	A.D.A. Engineering, Inc.	Doral, FL	Prime - Electrical Engineering
b.			
c.			
d.			
e.			
f.			



SECTION II: F. EXAMPLE PROJECTS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">6</p>
21. TITLE AND LOCATION <i>(City and State)</i> NW 33rd Street Reconstruction Doral, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Doral	b. POINT OF CONTACT NAME Carlos Arroyo, CFM	c. POINT OF CONTACT TELEPHONE NUMBER 305-593-6740
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

A.D.A. Engineering, Inc. (ADA) was retained by the City of Doral to provide lighting and signalization design as part of the NW 33rd Street Reconstruction. New mast arms, signal heads and pedestrian signals/detectors were provided at the intersection of NW 33rd Street and NW 79th Avenue. Vehicle detection loops and a signal operation plan (SOP) were included in the design.

The lighting design consisted of a photometric analysis along NW 33rd Street from NW 82nd Avenue to NW 79th Avenue. Eighteen (18) decorative 18' poles with pole top luminaires were staggered along the project corridor.

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.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	A.D.A. Engineering, Inc.	Doral, FL	Prime Consultant
b.			
c.			
d.			
e.			
f.			

SECTION II: F. EXAMPLE PROJECTS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> Hollywood Gardens Sidewalk Improvements Miami Beach, FL		7
		22. YEAR COMPLETED
		PROFESSIONAL SERVICES 2016
		CONSTRUCTION (if Applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER HBC Engineering	b. POINT OF CONTACT NAME Adebayo Coker	c. POC TELEPHONE NUMBER 305-232-7932

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

Scope of Service:

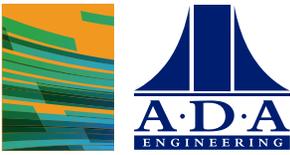
- Topographic Survey
- Vertical Control Points
- Horizontal Control Points
- Aerial Targets
- Alignment and/or Existing Right of Way Lines
- Underground Utilities - Only perform designates where new sidewalk is going to be constructed
- Drainage Survey

Professional Fees: \$168,941.47



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Hadonne Corp	Doral, FL	Surveying and Mapping Services



SECTION II: F. EXAMPLE PROJECTS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8		
21. TITLE AND LOCATION <i>(City and State)</i> Sawgrass Expressway PD&E Study, from Atlantic Boulevard to Turnpike Mainline.	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2004</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES 2004	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES 2004	CONSTRUCTION <i>(If applicable)</i>			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT	b. POINT OF CONTACT NAME Matthew Lamb, P.E	c. POINT OF CONTACT TELEPHONE NUMBER (407) 264-3584
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Widening of the Sawgrass Expressway toward the median, from Coral Ridge to Lyons Road, and the widening of the bridge structures from Atlantic Boulevard to Lyons Road. Performed 32 structural borings for the canal erosion study, 64 auger borings for roadway widening and 8 structural borings for the bridge structures.

FPID No. 406153-22-01

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	HR Engineering Services, Inc.	Medley, FL	Prime Consultant
b.			
c.			
d.			
e.			
f.			



SECTION II: F. EXAMPLE PROJECTS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 9
---	---

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED
NW 44 th Street Improvements – From NW 38 th Avenue to NW 34 th Way. City of Lauderdale Lakes, Florida	PROFESSIONAL SERVICES

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER R.J. Behar & Company, Inc.	b. POINT OF CONTACT NAME Mr. Robert J. Behar, P.E. – President	c. POINT OF CONTACT TELEPHONE NUMBER 954-680-7771
---	--	---

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

This project consisted of the improvements of the roadway section along NW 44th Street, from NW 38th Avenue to NW 34th Way in the City of Lauderdale Lakes, Florida.

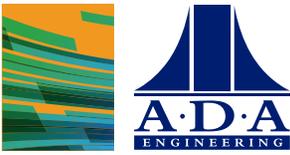
The geotechnical field exploration for the project consisted of the performance of six test borings, seven auger borings, two percolation tests and eight test probes along the roadway construction section.

The laboratory testing consisted of three grain size analysis tests and four percent fines content tests. In addition, one corrosivity test was also conducted on a representative ground water sample.

On the basis of the field exploration and laboratory test results the existing subsurface was divided into six layers ranging from the topsoil to the natural limestone. Suitability of each layer for the planned roadway construction was evaluated and recommendation was provided for site preparation and construction. In addition, recommendation was also provided for a shallow foundation system for a concrete privacy wall along the south side of the roadway alignment, backfilling of the existing drainage swale and replacement of an existing pipe culvert.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. HR Engineering Services, Inc.	Medley, FL	Sub Consultant
b.		
c.		
d.		
e.		
f.		



SECTION II: F. EXAMPLE PROJECTS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 10
21. TITLE AND LOCATION <i>(City and State)</i> MDC No. 20130231 EDP-PW-20130167 SW 142 Avenue from SW 26 ST to SW 8 ST Master Plan, Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 09/2015	CONSTRUCTION <i>(If applicable)</i> 04/2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Miami-Dade County Department of Public	b. POINT OF CONTACT NAME Ali Memari	c. POINT OF CONTACT TELEPHONE NUMBER (305) 375-3015
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

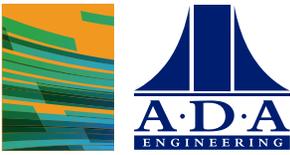
Responsible for the development of engineering documents required for the reconstruction of SW 142 Avenue within the limits of the project to realign and convert it from two-lane to a three-lane facility. Work also included all the necessary roadway, signing, pavement markings, lighting, and drainage improvements required to bring corridor to current standards.

Design Budget: \$154,000.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	C. H. Perez & Associates Consulting Engineers, Inc.	Doral, FL	Prime Consultant
b.			
c.			
d.			
e.			
f.			

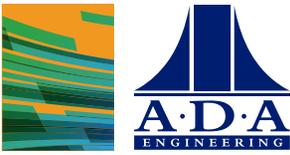


SECTION II: G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS											
26. NAMES OF KEY PERSONNEL <i>(From Section E, Block 12)</i>	27. ROLE IN THIS CONTRACT <i>(From Section E, Block 13)</i>	28. EXAMPLE PROJECTS LISTED IN SECTION F <i>(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)</i>									
		1	2	3	4	5	6	7	8	9	10
Jorge M. Plasencia, PE	Project Mgr., Sr. Lighting Engineer	X	X	X	X	X					
Edmundo Rodriguez, EI	Lighting Engineer			X	X	X					
Cairo Cangas, PE	Minor Hwy. Design Sr. Eng.			X	X	X	X				
Vamsee Tirunagari, EI	Minor Hwy. Design Engineer			X	X	X					
Alberto D. Argudin, PE, CGC, LEED AP	Principa-In-Charge, QA/QC	X	X	X	X	X	X				
Jose Dacal, EI	Designer					X					
Abraham Hadad, PSM	Senior Project Surveyor							X			
Raul Izquierdo, PSM	Project Surveyor							X			
Hernando Ramos, PE	Geotech. Engineer								X	X	
Liladhar Niraula, PE	Geotech. Engineer										
Randall C. Wright, PE	Misc. Structures Engineer										X
Sergio Gomez, PE	Misc. Structures Engineer										X

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	97th Ave. from SW 72nd St. to SW 40 St. Master Plan, Roadway Reconstruction Widening	6	NW 33rd St. Reconstruction
2	NW 87th Sve. from NW 154th St. to NW 186th St. Master Plan and Design	7	Hollywood Gardens Sidewalk Improvements
3	SR 5/US1 Signalized Intersection Lighting Retrofit from NW 123rd St. to NE 213th St.	8	Sawgrass Expressway PD&E Study from Atlantic Boulevard to Turnpike Mainline
4	SR968/West Flagler St. Signalized Intersection Lighting Retrofit from W 84th Ave. to NW 27th Ct.	9	NW 44th St. Improvements from NW 38th Ave. to NW 34th Way, City of Lauderdale Lakes
5	SR 7/NW 7th Ave. Signalized Intersection Lighting Retrofit from NW 63rd St to NW 215th St.	10	MDC No. 20130231 EDP-PW-20130167 SW 142 Avenue from SW 26 ST to SW 8 ST Master Plan



SECTION II: H-I. ADDITIONAL INFORMATION, AUTHORIZED REPRESENTATIVE

H. ADDITIONAL INFORMATION

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

Our clients have included municipalities; county, state and federal agencies; and the private sector. Due to our firm's commitment to quality work, budget fulfillment and on-schedule performance, our management team has developed and maintained an excellent working relationship with our clients. Our understanding of each client's needs has enabled us to represent them well and develop cost-effective solutions to fulfill their engineering or construction needs. Our sole business is to provide exceptional services utilizing the tools and techniques desired by the City and incorporating its culture, vision and operating principles. ADA's company standard is to gain the City's satisfaction well beyond its expectations. ADA's current clientele to whom miscellaneous engineering services are and have been provided to in the past include municipalities such as:

- City of Coral Gables
- City of Doral
- City of Miami
- City of Lake Worth
- City of Lauderdale Lakes
- City of Lauderhill
- Florida Department of Transportation (D 4 & 6)
- Miami Dade Expressway Authority
- Miami-Dade County
- Palm Beach County Water Utilities Department
- South Florida Water Management District
- Southwest Florida Water Management District
- Town of Davie
- Town of Miami Lakes
- Town of Surfside
- Village of Pinecrest



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

Ivette O. Argudin

32. DATE

08/27/2019

33. NAME AND TITLE

Ivette O. Argudin, Executive Vice-President



SECTION II:

ARCHITECT-ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER <i>(If any)</i> RFQ 2019-007
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PART II - GENERAL QUALIFICATIONS
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME 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			5. OWNERSHIP a. TYPE S. Corporation	
2c. CITY Doral	2d. STATE Florida	2e. ZIP CODE 33122		
6a. POINT OF CONTACT NAME AND TITLE Ivette O. Argudin, Executive Vice-President			b. SMALL BUSINESS STATUS Certified SBE with Miami-Dade County	
6b. TELEPHONE NUMBER 305-551-4608	6c. E-MAIL ADDRESS iargudin@adaeng.net		7. NAME OF FIRM <i>(If Block 2a is a Branch Office)</i>	

8a. FORMER FIRM NAME(S) <i>(If any)</i>	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	4	0	A06	Airports; Terminals and Hangars; Freight Handling	3
08	CADD Technician	1	0	C15	Construction Management	6
12	Civil Engineers	7	2	D08	Dredging Studies and Design	3
15	Construction Inspector	2	0	E09	Environmental Impact Studies, Assessments or Statements	1
16	Construction Manager	2	1	F03	Fire Protection	1
21	Electrical Engineer	2	0	G04	Geographic Information System	1
23	Environmental Engineer	1	1	H04	Heating; Ventilating; Air Conditioning	1
34	Hydrologist	1	0	H07	Highways; Streets; Airfield Paving; Parking Lots	5
60	Transportation Engineer	3	0	H11	Housing (Residential, Multi-Family; Apartments; Condominiums)	1
62	Water Resources Engineer	3	4	I06	Irrigation; Drainage	3
				L05	Lighting (Interior; Display; Theater; Etc.)	1
				L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)	2
				P06	Rehabilitation	2
				P07	Remote Sensing	1
				P12	Power Generation, Transmission, Distribution	1
				R09	Resources Recovery; Recycling	1
				R11	Rivers; Canals; Waterways; Flood Control	4
				S04	Sewage Collection, Treatment and Disposal	3
				S07	Solid Wastes; Incineration; Landfill	3
				S13	Storm Water Handling and Facilities	4
Other Employees						
Total		26	8			

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

12. AUTHORIZED REPRESENTATIVE <i>The foregoing is a statement of facts.</i>	
a. SIGNATURE <i>Ivette O. Argudin</i>	b. DATE 08/27/2019
c. NAME AND TITLE Ivette O. Argudin, Executive Vice-President	



www.adaeng.net

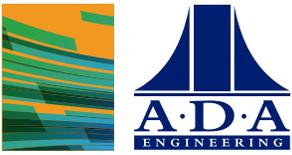
DCRA 19-023, Engineering Consulting Services for
Pedestrian Lighting Improvements



SECTION III

SECTION III

- A. Profile of Consultant – Requirements a-i
- B. Evidence of Insurance Coverage
- C. Supporting Licenses and Certifications



SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

a. Regional Reach

ADA a regionally located firm, has three offices in Florida providing a wide-range of consulting engineering, planning and construction management services. From our diverse pool of experts, we are able to assemble highly experienced teams to handle the most complex projects.



PRIMARY PROJECT OFFICE: DORAL

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



WEST PALM BEACH

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



ST. PETERSBURG

2023 1st Avenue North, St. Petersburg, Florida 33713
Phone: (813) 254-1115 | Fax: (813) 254-2159

b. Work Performance Location

All work shall be performed from our headquarters located in Doral.

c. About the Firm

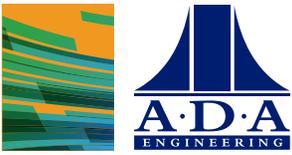
Since its incorporation in 1981, A.D.A. Engineering, Inc. has been providing professional consulting engineering, planning and construction management services. As an MBE/SBE certified firm, ADA always has its community in mind. Past clients have included municipalities, county/state/federal agencies, and the private sector.

ADA's success in delivering high-quality service to its clients is a direct result of a highly qualified staff of engineers, planners, technicians, construction managers and administrators. By applying the latest design technology and information, ADA engineers combine principles and innovation into the execution of every project.

The diversified staff of 35 at A.D.A. Engineering, Inc. understands the need for knowledge of local standards and conditions to adapt designs to fit the specific requirements of each project. ADA takes pride in its proven ability to successfully provide cost-effective solutions in all projects. Due to the firm's commitment to quality work, budget fulfillment and on-schedule performance, ADA's management team has developed and maintained an excellent working relationship with its clients.



ADA's commitment to its clients is reflected from its solid foundation of relationships. **80% of the firm's work is repeat business.** Some typical clients include: Florida Department of Transportation (FDOT), U.S. Army Corps. Of Engineers (USACE), South Florida Water Management District (SFWMD), as well as Palm Beach and Miami-Dade Counties.



SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

Below are some of the services that ADA has successfully provided to its clients:

- Brownfield Redevelopment
- Collection & Distribution Gutter Analysis and Design
- Construction Management and Inspections
- Electrical Engineering and Lighting Design
- Environmental & Low Impact Development Studies
- Expert Witness Services
- General Civil Engineering
- Hydraulic/Hydrologic and Water Quality Modeling
- Land Development
- Landfill Design and Management
- Local, Regional, State, and Federal Permitting
- Mechanical Engineering Analysis & Design
- Sea Level Rise Resiliency Studies
- Stormwater Master Plan Development and Updates
- Stormwater Pump & Sanitary Pump Station Design
- Transportation Planning and Design
- Water and Sanitary Sewer Systems Analysis & Design
- Water Resources & Drainage Feasibility Studies

Our firm's disciplines include the following:

AVIATION

ADA's diversified staff has completed several planning, design, permitting, and construction phase projects at general aviation and major airports throughout the State of Florida. The firm has been able to navigate through today's aviation demands while enhancing and modernizing existing facilities. Projects have been completed at major airports including: Miami International, Fort Lauderdale-Hollywood International, and Palm Beach International.

CIVIL ENGINEERING

ADA has participated in several civil engineering projects for both the private and public sectors throughout the State of Florida. Projects have included land development in residential, commercial and industrial venues such as museums and cultural centers, athletic fields, schools, airports, marine ports, solid waste facilities, and the public Right of Way.

CONSTRUCTION MANAGEMENT

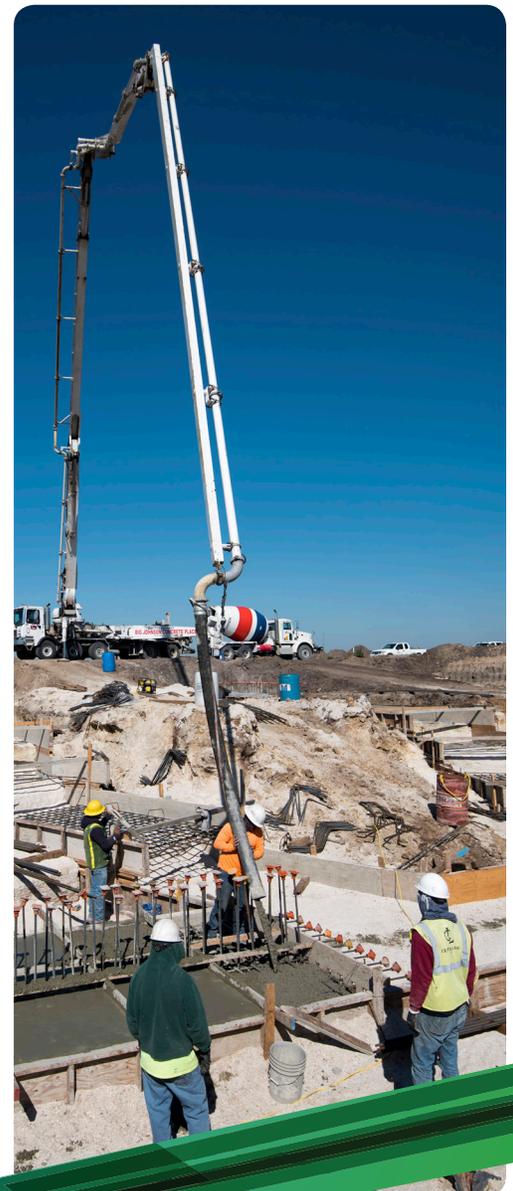
Diversified in both horizontal and vertical construction, A.D.A. Engineering, Inc. has the required expertise and ability to manage constraints within schedule and budget in order to deliver projects. The firm has provided these services for both the private and public sectors in South Florida.

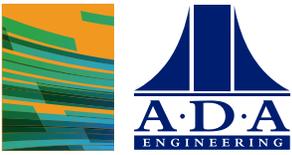
ELECTRICAL

ADA has completed numerous electrical and telecommunication projects and has the capability to design and provide construction administration for electrical systems. Previous electrical design experience ranges from residential to industrial and commercial, and includes: roadway lighting, traffic signals, sanitary and stormwater pump stations, and wastewater treatment plants. ADA provides cost effective and efficient electrical system designs, while using the latest technology and allowing for future expansion.

ENVIRONMENTAL ENGINEERING

A.D.A. Engineering has been permitting environmental projects for over 30 years. These permits have been obtained from county, state and federal agencies. The firm has also completed several Phase I Environmental Audits and prepared Contamination Assessment and Remedial Action Plans.





SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

MECHANICAL ENGINEERING

ADA has worked on a variety of projects that include HVAC, plumbing, pump stations, machine design, and energy related services for residential, institutional, commercial, and industrial facilities. Project responsibilities have included planning, design, permitting, and construction phase services.

SOLID WASTE

ADA has completed numerous solid waste projects for both the private and public sectors. Public sector projects have included work at municipal landfills and major transfer stations. Private sector projects have included: planning, design, permitting, and construction phase services for Construction and Demolition (C&D) Debris landfills, Material Reduction Facilities (MRF), and transfer stations. ADA has also provided Debris Monitoring Services to its solid waste clients as part of the hurricane recovery effort.

TRANSPORTATION

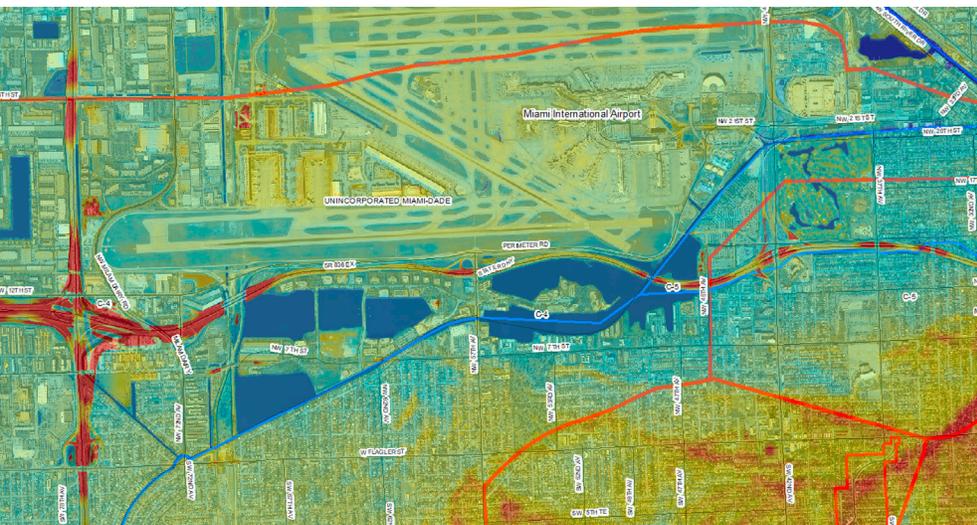
ADA's Transportation Department assists local and statewide agencies in the development of construction plans and specifications. Transportation project experience includes small, localized spot improvements required to address safety issues, medium resurfacing projects, and large geometric design projects of limited access facilities. Services available include analysis and design of Roadway, Roadway Lighting, Signalization, as well as Signing and Pavement Markings.

WATER & SEWER

ADA has participated in the planning, design, permitting, and construction phase services for several major water and wastewater projects for both the private and public sectors throughout the State of Florida. Projects have included small and large diameter pipelines, major crossings using micro-tunneling, pump stations, and water and wastewater treatment facilities.

WATER RESOURCES ENGINEERING

Through innovative planning, 1 and 2 Dimensional hydrologic and hydraulic modeling, groundwater modeling, integrated groundwater and surface water modeling, water quality modeling, and engineering design capabilities, ADA has delivered leading-edge solutions to challenges facing the water resources environment for many of the State of Florida water management districts, flood control districts, State of Florida Department of Transportation, counties, municipalities and the private sector. ADA has successfully completed a wide-range of water resources projects including, but not limited to: storm water management master plan development and updates; sea-level and groundwater rise level of service assessments; low impact development master plan development; flood assessments and feasibility studies; water supply studies; drainage analyses and designs for a wide variety of best management practices; bridge hydraulic reports preparation for urban and coastal bridges; environmental resources permitting for a wide-range of water resources projects; and forensics flooding assessment studies, including serving as Expert Witness.



ADA has delivered leading-edge solutions to challenges facing the water resources environment for many of the State of Florida water management districts, flood control districts, State of Florida Department of Transportation, counties, municipalities and the private sector

SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

d: List and description of similar municipal and other engagements satisfactorily performed within the past four (4) years.



FDOT SR 968 / West Flagler Street Signalized Intersection Lighting Retrofit

CLIENT: Florida Department of Transportation
 REFERENCE: Patrick Marchant, PE, District Traffic Design Engineer
 1000 NW 111th Avenue, Room 6101-D, Miami, FL 33172
 Phone: (305) 470-5214
 Email: partick.marchant@dot.state.fl.us
 COMPLETION DATE: 2019

A.D.A. Engineering, Inc. (ADA) was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project along SR 968/West Flagler Street between West 84th Avenue and NW 27th Court. The purpose of this project was to retrofit the existing lighting at signalized locations and mid-block crossings along SR 968 in order to improve pedestrian lighting by increasing the vertical illumination at the near side vehicular approaches to crosswalks to a minimum of 1.0-1.5 F.C. (3.0 F.C. at mid-block signalized crosswalks), while also improving the horizontal illumination levels as per FDOT FDM criteria.

Close coordination was required with both the Florida Department of Transportation and Miami-Dade County (the maintaining agency). Photometric analysis was performed in addition to evaluation of existing circuits for reuse. Field surveys were conducted throughout the project corridor. Additionally, underground utilities were coordinated/identified. In the event of an underground conflict, the proposed pole location was then evaluated for placement of shallow/spread footer foundation.



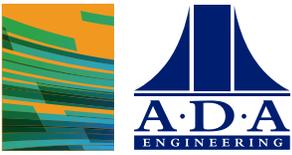
FDOT SR 7 NW 7th Avenue Signalized Intersection Lighting Retrofit

CLIENT: Florida Department of Transportation
 REFERENCE: Patrick Marchant, PE, District Traffic Design Engineer
 1000 NW 111th Avenue, Room 6101-D, Miami, FL 33172
 Phone: (305) 470-5214
 Email: partick.marchant@dot.state.fl.us
 COMPLETION DATE: 2018

A.D.A. Engineering, Inc. (ADA) was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project along SR 7/NW 7th Avenue between NW 63rd Street and NW 215th Street. The purpose of this project was to retrofit the existing lighting at signalized locations and mid-block crossings along SR 7 in order to improve pedestrian lighting by increasing the vertical illumination at the near side vehicular approaches to crosswalks to a minimum of 1.0-1.5 F.C. (3.0 F.C. at mid-block signalized crosswalks), while also improving the horizontal illumination levels as per FDOT FDM criteria.

Close coordination was required with both the Florida Department of Transportation and Miami-Dade County (the maintaining agency). Photometric analysis was performed in addition to evaluation of existing circuits for reuse. Field surveys were conducted throughout the project corridor. Additionally, underground utilities were coordinated/identified. In the event of an underground conflict, the proposed pole location was then evaluated for placement of shallow/spread footer foundation.





SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i



FDOT SR 5 US-1 Signalized Intersection Lighting Retrofit

CLIENT: Florida Department of Transportation
 REFERENCE: Patrick Marchant, PE, District Traffic Design Engineer
 1000 NW 111th Avenue, Room 6101-D
 Miami, FL 33172
 Phone: (305) 470-5214
 Email: partick.marchant@dot.state.fl.us
 COMPLETION DATE: 2018

A.D.A. Engineering, Inc. (ADA) was retained by the Florida Department of Transportation, District 6 to provide engineering services for this Safety Improvement Project along SR 5/US-1 between NE 123rd Street and NE 213th Street. The purpose of this project was to retrofit the existing lighting at signalized locations and mid-block crossings along US-1 in order to improve pedestrian lighting by increasing the vertical illumination at the near side vehicular approaches to crosswalks to a minimum of 1.0-1.5 F.C. (3.0 F.C. at mid-block signalized crosswalks), while also improving the horizontal illumination levels as per FDOT FDM criteria.

Close coordination was required with both the Florida Department of Transportation and Miami-Dade County (the maintaining agency). Photometric analysis was performed in addition to evaluation of existing circuits for reuse. Field surveys were conducted throughout the project corridor. Additionally, underground utilities were coordinated/identified. In the event of an underground conflict, the proposed pole location was then evaluated for placement of shallow/spread footer foundation.



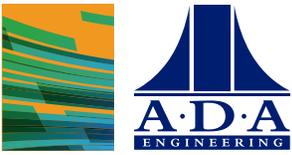
SR 90 / SW 8th Street at SW 67th Avenue

CLIENT: Florida Department of Transportation
 REFERENCE: Ana Arvelo, PE
 1000 NW 111th Avenue, Room 6251
 Miami, FL 33172
 Phone: (305) 470-5210
 Email: ana.arvelo@dot.state.fl.us

A.D.A. Engineering, Inc. (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 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.

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).





SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

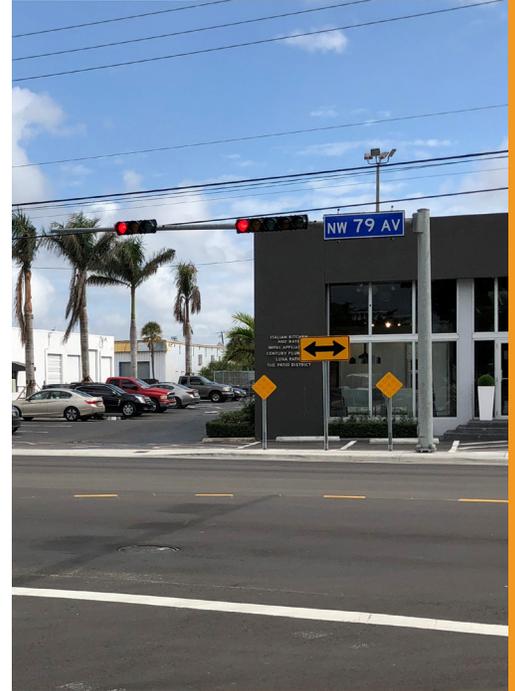
NW 33rd Street Reconstruction

**On Time
On Budget**

CLIENT: City of Doral
 REFERENCE: Carlos Arroyo, CFM
 8401 NW 53rd Terrace
 Doral, FL 33166
 Phone: (305) 593-6740 Ext. 6009
 Email: carlos.arroyo@cityofdoral.com
 COMPLETION DATE: 2015

A.D.A. Engineering, Inc. (ADA) was retained by the City of Doral to provide lighting and signalization design as part of the NW 33rd Street Reconstruction. New mast arms, signal heads and pedestrian signals/detectors were provided at the intersection of NW 33rd Street and NW 79th Avenue. Vehicle detection loops and a signal operation plan (SOP) were included in the design. The lighting design consisted of a photometric analysis along NW 33rd Street from NW 82nd Avenue to NW 79th Avenue.

Eighteen (18) decorative 18' poles with pole top luminaires were staggered along the project corridor. 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.

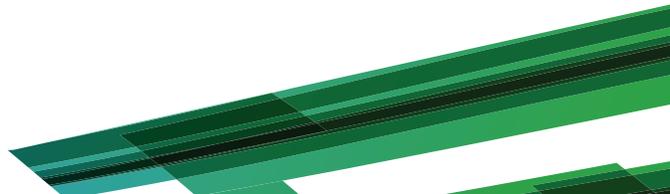


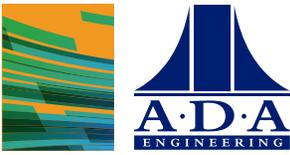
e: Litigation (settled or pending) within the last five (5) years.

A.D.A. Engineering Inc. has neither settled nor has any pending litigation in which the firm has been involved within the last five (5) years.

f: Similar project experience for each of the staff assigned to the engagement and their relevant background.

See table on subsequent page.





SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

Team Member	Role	Firm	Years of Experience	Education	Training
JORGE M. PLASENCIA, PE	Project Manager Senior Engineer		20	B.S., Electrical Engineering, Florida International University	PE: Florida (No. 62948)

Mr. Plasencia will as serve as the focal point of contact for the City of Hollywood CRA on all assignments. During his 20 years of experience, Mr. Plasencia has succesfully designed and managed numerous mult-disciplinary projects both in the public and private sectors. His lighting designs have included parking areas and roadway and pedestrian lighting.

ALBERTO D. ARGUDIN, PE, CGC, LEED AP	QA/QC Senior Engineer		43	B.S., Civil Engineering, University of Florida	PE: Florida (No. 23547), CGC: Florida (No. 023790), LEED AP
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Mr. Argudin has been involved in a multitude of civil and environmental engineering projects that include all aspects of site engineering including stormwater management, water distribution, sewage collection and transmission, transportation, and solid waste management; environmental studies and permitting; and construction management. Mr. Argudin has also been involved in numerous roadway and drainage projects, which include lighting and signalization components at the state, county, and local levels.

CAIRO CANGAS, PE	Minor Highway Design Engineer		13	B.S., Civil Engineering, Florida International University	PE: Florida (No. 77001)
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Cairo Cangas has expertise in transportation project management, coordination, and design and plans production. He has the skills required for preparation and design of roadway plans, pavement design, and maintenance of traffic, signing/pavement markings, signalization design, roadway geometrics, drainage design/documentation, as well as landscape and utility coordination.

VAMSEE TIRUNAGARI, PE*	Minor Highway Design Engineer		11	M.S in Civil Eng., Florida International University	*Currently in reciprocity from the state of Michigan.
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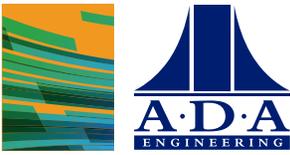
Vamsee Tirunagari has been involved in reconstruction, widening, and rehabilitation design for interstate expressways, interchange ramps, and major state routes in both urban and rural locations. His project experience encompasses vertical and horizontal roadway alignment, asphalt and concrete pavement design, ADA compliance, safety improvements, signing and pavement marking, drainage, maintenance of traffic (MOT) plans, utility coordination/layout, and coordination with municipal and state agencies.

EDMUNDO RODRIGUEZ, EI	Lighting/Electrical Designer		3	B.S., Electrical Engineering, Florida International University	EI: Florida (No. 1100020904)
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Edmundo Rodriguez is an Electrical Engineer specializing in Roadway Lighting design with background in ITS Electrical and Signalization. Educational background includes Power Systems generation, transmission and protection, Communications, Nano-Technology and Computer Engineering. Primary work duties include lighting and electrical design, project coordination, plans production, and documentation. He is well versed in lighting design software such as AGI-32.

JOSE DACAL, EI	Design Support		2	B.S., Civil Engineering, Florida International University	EI: Florida (No. 1100021282)
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Jose Dacal is a Florida International University graduate with a Bachelor's of Science degree in Civil Engineering and has received his EI certification. Before joining ADA, Mr. Dacal acted as the FDOT District 6 In-House Permit Coordinator at Louis Berger Group in Miami, Florida. In this position, he managed all communications with the engineers, developers, and utility company representatives specifically regarding FDOT's standards, regulations, and guidelines. Mr. Dacal also performed technical reviews of engineering documents and permits.



SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

Team Member	Role	Firm	Years of Experience	Education	Training
ABRAHAM HADAD, PSM	Senior Project Surveyor	HADONNE	25	Surveying Courses I and II, Miami-Dade College	Florida/Professional Surveyor and Mapper/ FL LS0006099
<p>Mr. Hadad is a professional surveyor and mapper with over 25 years of experience. As principal-in-charge of Hadonne Corporation, Mr. Hadad provides project management and project surveying. His experience includes preparation of topographic surveys, vertical and horizontal control points, alignments, and mapping of existing right-of-way lines.</p>					
RAUL IZQUIERDO, PSM	Project Surveyor	HADONNE	30	Surveying Courses I and II, Miami-Dade College	Florida/Professional Surveyor and Mapper / FL LS0006099
<p>Mr. Izquierdo completed surveying courses at Miami-Dade College. He is a licensed professional surveyor and mapper with over 30 years of experience. Mr. Izquierdo has completed surveying projects ranging from establishing benchmark and control points for construction at parks to topographic surveying, design, and engineering for roadway improvement projects.</p>					
HERNANDO R. RAMOS, PE	Geotechnical Engineer		34	B.S., Civil Eng., U. of Cartagena, Columbia, M.S. Civil Eng., FIU, Miami	PE: Florida (No. 42045)
<p>Mr. Ramos holds a masters degree in civil engineering. With over 34 years of project experience, Mr. Ramos successfully provided geotechnical engineering services for design-build projects at expressway interchanges and span bridges.</p>					
LILADHAR NIRLAULA, PE	Geotechnical Engineer		14	M.S. Civil Eng., Oxford, U., M.S. Civil Eng., U. of FL	PE: Florida (No. 69917)
<p>Mr. Niraula is a licensed professional engineer who obtained a master's degree in civil engineering. During his 14 years of experience, Mr. Niraula has performed coordinated multiple projects from soil/rock descriptions as well as the drafting of core borings.</p>					
RANDALL C. WRIGHT, PE	Misc. Structures Engineer		43	B.S. Civil Engineering, Michigan State Univ.	Florida PE No. 62099, 2004, Michigan PE No. 6201027699, 1980.
<p>Mr. Wright has extensive experience in project management, project and design engineering, construction engineering inspection; design and inspection of transportation related structures, buildings and highways. Very familiar with STAAD-PRO, SAP, Civil soft COGO, SABRE, DECUS I & II, MERLIN DASH, LEAP-SPAN, MDX, GT STRUDL, PC BRIDGE, RC Pier, BSDI, CON Span.</p>					
SERGIO GOMEZ, PE	Misc. Structures Engineer		2	BS Civil Eng., Universidad Politécnica de la Habana, Cuba	Florida PE No. 60719, 2004

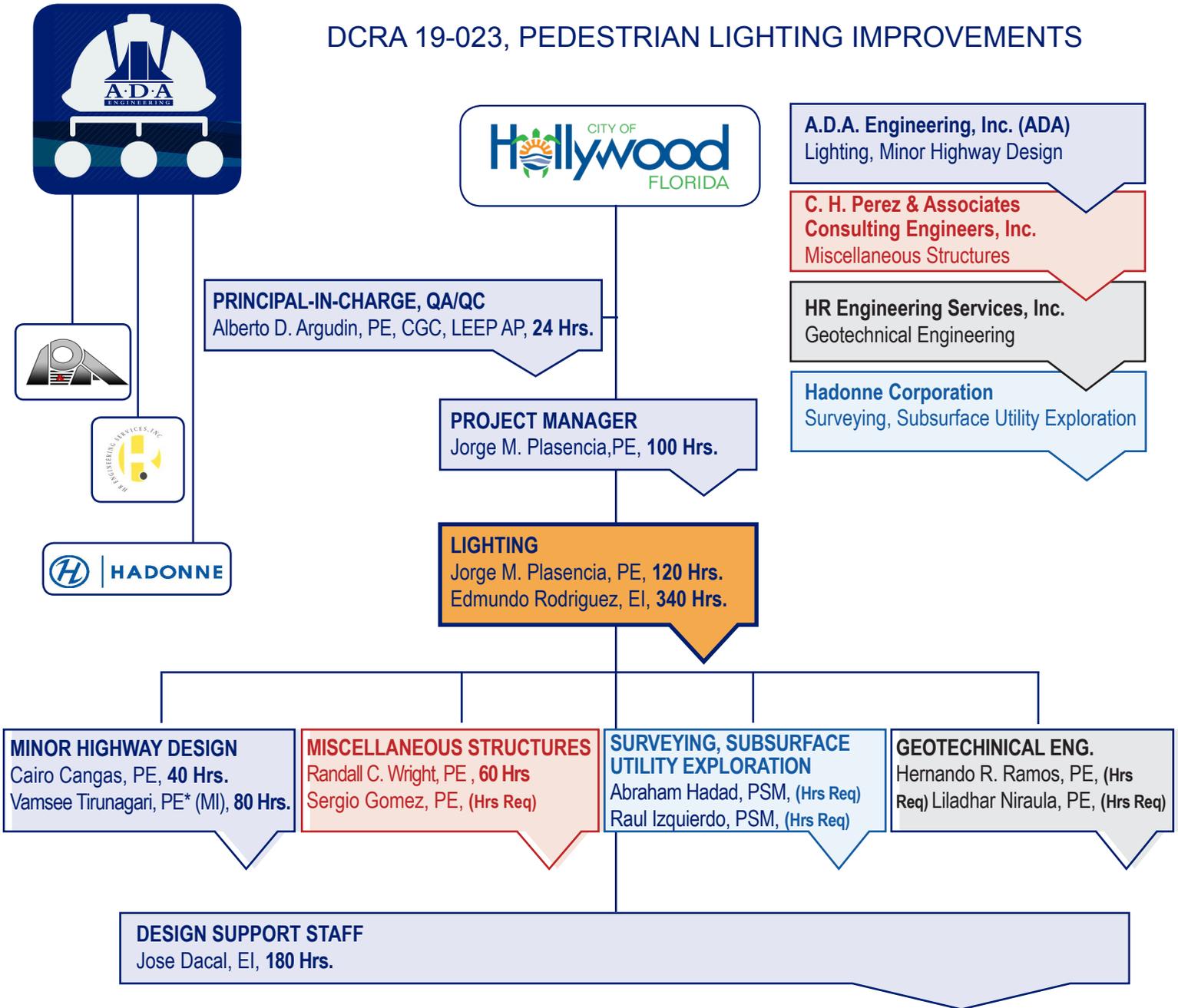
Mr. Gomez has over 30 years of production experience as a field and office Engineer and has been involved in all components of a roadway project. Sergio's extensive construction field experience allows him to provide solutions that are cost efficient and constructible.



SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

g: Organization of the proposed project team, level of experience, qualification, level of involvement, field expertise and estimated hours for each member of our team.

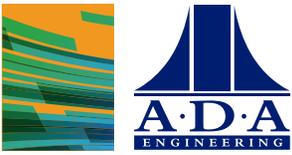
DCRA 19-023, PEDESTRIAN LIGHTING IMPROVEMENTS



KEY

(Hrs Req) = Hours as required

* Currently in reciprocity from the State of Michigan.



SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

The ADA Team has been assembled to provide the most qualified professionals for this Contract. The Team has extensive experience with similar projects as well Florida Department of Transportation contracts/assignments. ADA has had the opportunity to serve the Florida Department of Transportation on a total of nine (9) FDOT Districtwide (DW) contracts. Our DW experience is listed below:

Contract	District	Description	No. of Assignments
C8V12	D4	DW Minor Projects	30
C9442	D6	DW Misc. PE Design	19
C6142	D6	DW Minor Projects	17
C8305	D6	DW Drainage Designand	Over 300 Combined
C8M05	D6	Plans Review	
C8W15	D6	Consultant Services	
C9330	D6		
C9N69	D6	DW NPDES Push Button Tech. Consult.	13
C9S96	D6	DW Lighting Retrofits	14

The ADA Team has carefully selected firms that have proven to ADA and clients such as the Florida Department of Transportation that they are capable, responsible, and responsive: all qualities needed for the successful completion of this Contract.

A.D.A. Engineering, Inc will perform project management and the required lighting analysis and design. As part of the ADA Team, ADA is including in-house staff that can provide any incidental roadway and signalization design services, as well as Maintenance of Traffic (MOT) Plans, should the need arise. ADA staff is comprised of registered State of Florida professional engineers, including electrical engineers to perform the lighting analysis and design and roadway/transportation engineers to perform civil engineering services. The scope and size of the lighting projects ADA has completed have ranged from the new complete design for the 8 lane reconstruction of Commercial Boulevard utilizing traditional cobrahead lighting fixtures to LED lighting retrofits. As part of the LED retrofits, vertical illumination levels for the near side approach were improved at signalized intersections.

C. H. Perez & Associates Consulting Engineers, Inc., now celebrating 15 years in business. is a civil engineering firm established in Miami-Dade County in 2004 with locations in Doral, FL and Atlanta, GA. CH Perez maintains a mixed client base focusing in the transportation sector and has maintained client relationships with many municipalities including various districts of FDOT, Miami-Dade Transit, and Miami-Dade Expressway Authority.

HR Engineering has performed geotechnical testing for a multiple client throughout South Florida, including the Miami-Dade Expressway Authority, FDOT, and Miami-Dade County. HR Engineering civil engineers have conducted geotechnical investigation, including, but not limited to, test borings and field exploration. From this testing and analysis, HR Engineering has issued recommendations ranging from a shallow foundation for a concrete privacy wall to geotechnical design for the SR 826/ SR 836/ Dolphin Expressway Interchange project.

Hadonne Corporation was established in Miami-Dade County in 2001 and is headquartered in Miami. Since its commencement, the firm has diligently worked to meet the needs of both our private and public sector clients. Hadonne specializes in providing Surveying and Mapping, Utility Coordination and Sub-Surface Utility Engineering (S.U.E.). Over the past 18 years Hadonne has earned the respect of our peers by striving for excellence on every project while navigating steady growth.

SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

h. Municipal staff support is anticipated for this type of engagement:

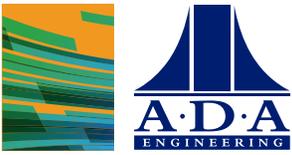
Municipal staff will be required for this project. Geotechnical reports and survey information in CAD format will be requested at the onset for evaluation. Based upon the provided information, ADA will determine if additional surveying or geotechnical investigation is required. Field walkthroughs will be coordinated with City of Hollywood staff to confirm/identify lighting service points and manually activate lighting circuits for field verify circuit limits, ampacity, and voltage.



i: ADA's Team approach to performing the work.

- 1) Your role and that of other parties involved in the data gathering, data analysis and recommendation process.
- 2) Your plan for this project outlining major tasks and responsibilities, project time schedule and staff assigned.

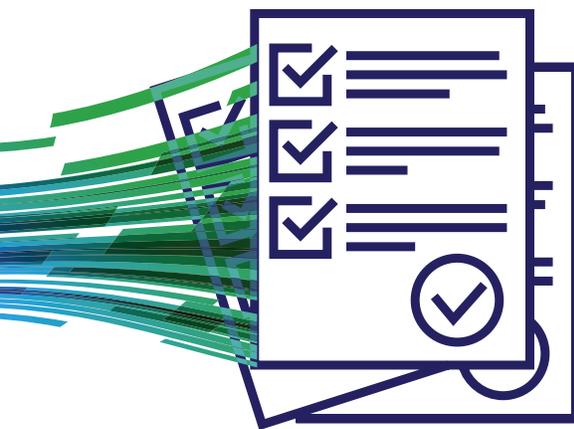
The purpose of this Project is to remove and replace the existing 5 globe fixtures in the area bounded by South 21st Avenue and US-1 to east and west and Johnson Street and Washington Street to the north and south. Additionally, tear-drop poles in need of painting throughout the project area are also to be identified. Hollywood Boulevard / SR 820 is a two-lane, two-way divided roadway separated by a raised median. The median contains landscaping in addition to marked parking stalls. Additionally, both the north and south sides of Hollywood Boulevard are also utilized for on-street parking. There also approximately eight marked crosswalks which traverse Hollywood Boulevard. A survey of the area indicates that the 5 globe fixtures are located primarily along Hollywood Boulevard / SR 820 between South 21st Avenue and Young Circle Park and along South 21st Avenue between Polk and Van Buren Streets. The 5 globe fixtures are located on both the north and south sides of Hollywood Boulevard, as well within curbed medians. Streets immediately adjacent to Hollywood Boulevard also contain the 5 globe fixtures, however, in smaller quantities. The 5 globe fixture luminaires shall be replaced with City of Hollywood recommended fixtures. Existing poles shall be evaluated for re-use, if desired and replaced as required; however, the City of Hollywood has recently installed single, dual, and triple top mounted Granville type LED luminaires on new decorative poles along western Hollywood Boulevard. Our recommendation is to utilize the Granville type fixture and pole for consistency throughout Hollywood Boulevard and the adjoining Young Circle. Photometric analysis shall be performed to ensure that lighting levels comply with the Florida Department of Transportation FDM and City of Hollywood requirements, if applicable. Vertical illumination levels shall be evaluated and adjusted as required at signalized intersections. Additionally, voltage drop calculations shall be reviewed to comply with the NEC and FDOT FDM.



SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

PROJECT MANAGEMENT APPROACH

Mr. Plasencia will be the Contract's point of contact. Upon receipt of a Notice of Award, Mr. Plasencia will meet with the CRA Project Manager to discuss the project location, scope of services, and available information. The Team will negotiate staff-hours for the Project Assignment, work with Contract Administrators, and submit a signed proposal in a timely manner. Once Notice to Proceed is given for a Project Assignment, the Team will proceed with the Initial Data Collection. Data Collection may include: as-builts, right-of-way maps, maintenance logs, surveys, geotechnical reports, and in-depth field reviews. The Design Process will include: photometric analysis; variation due to A.D.A. deficiencies; plans production; produce engineering design estimates; address CRA staff comments, develop specifications; and invoice in a timely manner. Additionally, as Hollywood Boulevard is a State Road, the Team will also coordinate with Florida Department of Transportation, District 4 personnel during the various stages of design to obtain any review and concerns. All the while, the community awareness plan must be updated to comply with all State and Federal regulations; the necessary coordination with Local Government Officials must also take place. Lastly, during post-design, we will attend the pre-construction meetings, review shop drawings, payment requisitions, perform construction observations, attend construction meetings, and respond to RFI's in a timely manner. In addition, ADA follows its own Project Management Plan to effectively manage the Team, and it conforms to FDOT requirements. The plan covers the following subjects: communication protocol, QA/QC process, invoice & payment, required staff, and compliance with schedule commitments.



CONTROL OF PROJECT SCHEDULE

The Team understands the importance of adhering to the proposed project schedule for purposes of planning as well as anticipating and preventing problems from occurring. The schedule for each Project Assignment will be modified to the changing needs and requirements of the project depending on adjustments required due to outside influences. We always focus on the critical path activities that have the propensity to cause delays if not completed in a timely manner. Some examples of these activities include: deadlines for public hearings, review deadlines, surveying, documents to right-of-way, right-of-way mapping, geotechnical exploration requests, and utility designates and locates requests. The most effective way to maintain the projects' schedules is to monitor the activities and allocate the appropriate resources. We do not wait until the last minute to try to fix impending delays, instead we track each critical and non-critical activity, evaluate their progress, and preempt any delay by assigning additional staff if necessary.

Our approach to tackling any issue with a project schedule that may arise can be summarized in three steps: **Early Identification, Communication, and Resolution**, as explained in the Florida Department of Transportation's PM Handbook. An example of ADA's approach to critical issues involves a drainage improvement project for MDX (SR 924 Drainage Improvements) that required diligent railroad coordination. Due to a scope change late in the schedule and a shared use rail, CSX and SFRTA, permits were required for the construction of two drainage outfall pipes under the rails. We coordinated with CSX and SFRTA to adjust our design to fit the needs of the project and the railroad requirements to reduce the possibility of issues during construction. SFRTA coordination was performed and permit approvals were obtained. All coordination was documented, including phone logs and emails, to support the approved design and reduce issues during construction. While we do anticipate this amount of coordination, this example is shown to highlight that the Team must exercise flexibility and adaptability when dealing with the schedules as long as the milestone submittal dates are met. For truly unforeseen scheduling issues that may arise in a project, ADA will quickly develop an action plan amending the scope and allocating additional needed staff.

ADA will initially review all available project documentation, such as survey, geotechnical reports, and lighting as-builts. Upon review, ADA will discuss with CRA staff the additional information which will be required for the successful completion of this project, such as additional surveying and testing. ADA will also immediately conduct a field investigation of the existing lighting system(s). Upon receipt of all information, ADA will proceed with the development of construction documents and provide progress reviews for both the CRA and FDOT.

SECTION III: A. PROFILE OF CONSULTANT REQUIREMENTS a-i

CONTROL OF BUDGET

Proper tracking of the Contract and each Project Assignment is critical. We will make certain that each assignment’s maximum design fee is not exceeded by properly scoping each assignment’s design services and tracking the budget. ADA actively looks for ways to reduce unnecessary spending of City of Hollywood CRA funds. Recent examples of this practice include: reuse of two existing mast arms on two separate projects and eliminating right-of-way acquisition by proposing a bulb-out for a mast arm installation on a safety project. The most cost-effective way of controlling the construction budget is by producing a thorough and complete set of Contract Plans and Bid package. Making certain that all the appropriate pay items are included guarantees that the CRA will be able to select from the best available bids. In the event that an unforeseen conflict arises during Construction, the best way to minimize its associated cost is by quickly responding to the situation with the appropriate staff that provides the experience needed to resolve the conflict. We understand that we must be readily available to address any RFI and necessary field changes to reduce unnecessary delays.

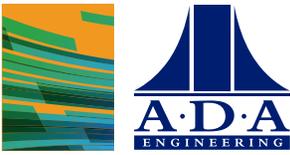


QUALITY CONTROL PROCESS

Four (4) critical goals of every project include: clear definition of scope, schedule, budget, and quality. ADA takes pride in meeting these goals for every task we take on. We are only able to achieve these goals through our QA/QC process. First, we select the most qualified individual to perform the independent, internal QC. The comments will be depicted as red markups; will be verified with green concurrence; marked as implemented with blue ink; and ultimately verified with a green back-check. **Documents follow the QC process that includes checking against internal checklists of Lessons Learned and previous comments; 3-Way Checklist (if required); and phase review comments.** Finally, all contract plans designed by ADA will be checked for QA by Alberto Argudin, P.E.; as the Principal in Charge and owner of ADA, he takes pride in all submittals and will have the final say. Moreover, our CEI department is instrumental in providing insight to project constructability and contract requirements. Key staff are certified General Contractors and provide fast access to information that facilitates the design process. This is an invaluable advantage that ADA provides.

This is an invaluable advantage that ADA provides.





SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS

PRIME



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, 2019, that its most recent annual report/uniform business report was filed on March 7, 2019, 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 Seventh day of March, 2019*



Ronald R. DeSantis
Secretary of State

Tracking Number: 9032351553CC

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

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

2019-2020

**CITY OF DORAL
LOCAL BUSINESS TAX RECEIPT
RENEWAL**

A D A ENGINEERING INC
8550 NW 33RD ST UNIT 202
DORAL, FL 33122

BUSINESS CODE: 54 - P.A./CORP/PARTNERSHIP/FIRM
BTR No. 2020001533

DESCRIPTION OF TAXES		TAXES LEVIED	
Business Tax Receipt		\$168.00	
AMOUNT DUE BY SEPTEMBER 30, 2019 \$168.00			
October 2019 10%	November 2019 15%	December 2019 20%	January 2020 25%
\$ 184.80	\$ 193.20	\$ 201.60	\$ 210.00
		February 2020 25% + \$100	
		\$ 310.00	

RETAIN THIS PORTION FOR YOUR RECORDS

2019-2020

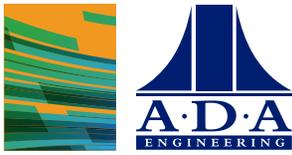
**CITY OF DORAL
LOCAL BUSINESS TAX RECEIPT
RENEWAL**

ALBERTO DE JESUS ARGUDIN PE
A D A ENGINEERING INC
8550 NW 33RD ST UNIT 202
DORAL, FL 33122

BUSINESS CODE: 54 - PROFESSIONAL ENGINEER
BTR No. 2020001534

DESCRIPTION OF TAXES		TAXES LEVIED	
Business Tax Receipt		\$100.00	
AMOUNT DUE BY SEPTEMBER 30, 2019 \$100.00			
October 2019 10%	November 2019 15%	December 2019 20%	January 2020 25%
\$ 110.00	\$ 115.00	\$ 120.00	\$ 125.00
		February 2020 25% + \$100	
		\$ 225.00	

RETAIN THIS PORTION FOR YOUR RECORDS



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS

PRIME



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

December 7, 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.

Sincerely,

Claudious Thompson, Section Chief
 Small Business Development

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

- 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 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

RON DESANTIS
 GOVERNOR

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

KEVIN J. THIBAUT, P.E.
 SECRETARY

July 4, 2019

Ivette Argudin, Executive Vice President
 A.D.A. ENGINEERING, INC.
 8550 NW 33rd 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:

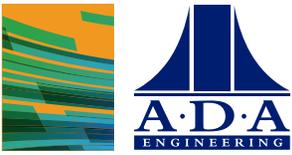
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization
- Group 10 - Construction Engineering 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 projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 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
175.34%	101.68%	0.064%	Excluded	No	3.17%	6.20%*

*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



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS

PRIME



Ron DeSantis, Governor Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
 PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

A.D.A. ENGINEERING, INC.
 8550 NW 33 STREET, SUITE 202
 MIAMI FL 33122

LICENSE NUMBER: CA3212
 EXPIRATION DATE: FEBRUARY 28, 2021
 Always verify licenses online at MyFloridaLicense.com

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State of Florida

Woman & Minority Business Certification

A.D.A. Engineering, Inc.

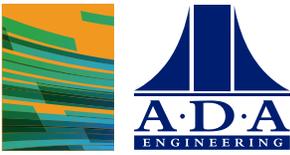
Is certified under the provisions of
 287 and 295.187, Florida Statutes, for a period from:

12/21/2017 to 12/21/2019

Erin Rock, Secretary
 Florida Department of Management Services

office of supplier DIVERSITY

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



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS

PRIME



Ron DeSantis, Governor
Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ARGUDIN, ALBERTO DEJESUS
13841 SW 36 ST
MIAMI FL 331757204

LICENSE NUMBER: PE23547
EXPIRATION DATE: FEBRUARY 28, 2021
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RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY

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

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Ron DeSantis, Governor
Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

PLASENCIA, JORGE M.
11916 SW 153 CT
MIAMI FL 33196

LICENSE NUMBER: PE62948
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

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Ron DeSantis, Governor
Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

CANGAS, CAIRO
15374 SW 16 TERRACE
MIAMI FL 33185

LICENSE NUMBER: PE77001
EXPIRATION DATE: FEBRUARY 28, 2021
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SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



C H Perez & Associates
Engineers • Planners • Surveyors
Construction Engineering Inspectors



C. H. Perez & Associates Consulting Engineers, Inc.
9594 NW 41 Street, Suite 201 / Doral, FL 33178
3511 West Commercial Boulevard, Suite 400
Fort Lauderdale, FL 33309
Tel: (305)592-1070 / Fax: (305)592-1078
www.p-a.cc

FLORIDA CA 25976 / LB 7360
GEORGIA PEF006299

State of Florida
Department of State

I certify from the records of this office that C.H. PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC. is a corporation organized under the laws of the State of Florida, filed on May 3, 2004, effective May 3, 2004.

The document number of this corporation is P04000071983.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 8, 2019, 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 Eighth day of January, 2019



A. J. S.
Secretary of State

Tracking Number: 0847553705CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.smbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

License/Authorization/Professional Registration	Certificate of Status
License/Certificate Number	P04000071983
Issuing Agency	State of Florida, Department of State
Qualifier/Certificate Holder	C H Perez & Associates Consulting Engineers, Inc.
Expiration Date	December 31, 2019



C H Perez & Associates
Engineers • Planners • Surveyors
Construction Engineering Inspectors

License/Authorization/Professional Registration	Certificate of Authorization
License/Certificate Number	25976
Issuing Agency	State of Florida, Board of Professional Engineers
Qualifier/Certificate Holder	C H Perez & Associates Consulting Engineers, Inc.
Issue Date	June 4 th , 2004

State of Florida



Board of Professional Engineers

Altho that

C H PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC.

Has satisfied the requirements of Section 471.023, Florida Statutes. In recognition thereof, the Board of Professional Engineers hereby authorizes this firm to offer engineering services in the State of Florida in accordance with Chapter 471, Florida Statutes, and the rules of the Board.

Witness the Seal of the Board and the Signature of the Board's duly authorized Chair

this 2 day of JUN 20 04

Richard S. Montano

Certificate of Authorization No. 25976

License/Authorization/Professional Registration	Certificate of Authorization
License/Certificate Number	25976
Issuing Agency	State of Florida, Board of Professional Engineers
Qualifier/Certificate Holder	C H Perez & Associates Consulting Engineers, Inc.
Expiration Date	February 28 th , 2021



RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

C H PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC.

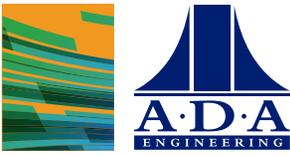
9594 NW 41 ST
SUITE 201
DORAL, FL 33178

LICENSE NUMBER: CA25976
EXPIRATION DATE: FEBRUARY 28, 2021

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SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS





C H Perez & Associates Since 2004
Engineers • Planners • Surveyors

C H Perez and Associates Consulting Engineers, Inc.
9594 NW 41 Street, Suite 201
Doral, Florida 33178
Tel: (305)592-1070
Fax: (305)592-1078
www.p-a.cc

Florida Department of Transportation / Disadvantaged Business Enterprise

N/A

State of Florida, Department of Transportation

C H Perez & Associates Consulting Engineers, Inc.

August 24th



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

October 21, 2011

CARLOS PEREZ
C H PEREZ & ASSOC CONSULTING ENGR
9594 NW 41ST STREET SUITE 201
DORAL FL 33178

ANNIVERSARY DATE - Annually on August 24

Dear Mr. Perez:

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 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

www.dot.state.fl.us


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Page 1 of 2



C H Perez & Associates Since 2004
Engineers • Planners • Surveyors

C H Perez and Associates Consulting Engineers, Inc.
9594 NW 41 Street, Suite 201
Doral, Florida 33178
Tel: (305)592-1070
Fax: (305)592-1078
www.p-a.cc

Florida Department of Transportation / Disadvantaged Business Enterprise

N/A

State of Florida, Department of Transportation

C H Perez & Associates Consulting Engineers, Inc.

August 24th

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

- 54133 Engineering Services
- 54134 Consulting Services
- 54137 Surveying and Mapping (except Geophysical) Services
- 54199 Other Scientific and Technical Consulting Services

FDOT Specialty Codes

- 941 Civil Engineering Services
- 943 Geotechnical Engineering Services
- 946 Land Surveying and Mapping Services
- 947 Civil Services
- 949 Traffic Data 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

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Page 2 of 2



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS

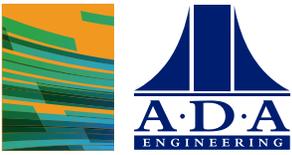


2/9/2018

Technical Certificate - Returning Vendor Self-Service Portal

Miami-Dade County Internal Services Department Statement of Technical Certification Categories			
Firm: C H PEREZ & ASSOCIATES CONSULTING			
9594 NW 41st Street, Suite, 201, Doral, FL 33178			
Code	Category Description	Approval Date	Expiration Date
3.01	HIGHWAY SYSTEMS - SITE DEVELOPMENT AND PARKING LOT DESIGN	02/07/2018	02/28/2020
3.02	HIGHWAY SYSTEMS - MAJOR HIGHWAY DESIGN	02/07/2018	02/28/2020
3.02B	HIGHWAY SYSTEMS - MINOR HIGHWAY DESIGN	02/07/2018	02/28/2020
3.03	HIGHWAY SYSTEMS - BRIDGE DESIGN	02/07/2018	02/28/2020
3.04	HIGHWAY SYSTEMS - TRAFFIC ENGINEERING STUDIES	02/07/2018	02/28/2020
3.05	HIGHWAY SYSTEMS - TRAFFIC COUNTS	02/07/2018	02/28/2020
3.06	HIGHWAY SYSTEMS - TRAFFIC CALMING	02/07/2018	02/28/2020
3.09	HIGHWAY SYSTEMS - SIGNING, PAVEMENT MARKING, AND CHANNELIZATION	02/07/2018	02/28/2020
3.10	HIGHWAY SYSTEMS - LIGHTING	02/07/2018	02/28/2020
3.11	HIGHWAY SYSTEMS - SIGNALIZATION	02/07/2018	02/28/2020
6.01	WATER AND SANITARY SEWER SYSTEMS - WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS	02/07/2018	02/28/2020
11.00	GENERAL STRUCTURAL ENGINEERING	02/07/2018	02/28/2020
15.01	SURVEYING AND MAPPING - LAND SURVEYING	02/07/2018	02/28/2020
15.03	SURVEYING AND MAPPING - UNDERGROUND UTILITY LOCATION	02/07/2018	02/28/2020
16.00	GENERAL CIVIL ENGINEERING	02/07/2018	02/28/2020
17.00	ENGINEERING CONSTRUCTION MANAGEMENT	02/07/2018	02/28/2020

Approved By
 Technical Certification Committee
 Miami-Dade County



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS





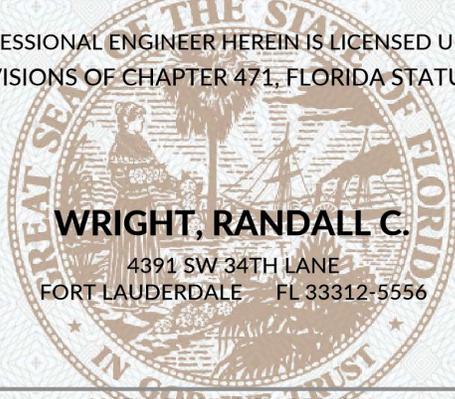
Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES



WRIGHT, RANDALL C.
4391 SW 34TH LANE
FORT LAUDERDALE FL 33312-5556

LICENSE NUMBER: PE62099

EXPIRATION DATE: FEBRUARY 28, 2021

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SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS

State of Florida Department of State

I certify from the records of this office that HR ENGINEERING SERVICES, INC. is a corporation organized under the laws of the State of Florida, filed on July 13, 1998.

The document number of this corporation is P98000061709.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 2, 2019, 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, 2019



Ken Diefman
Secretary of State

Tracking Number: CC2571010743
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



008077

Local Business Tax Receipt

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

LBT

EXPIRES SEPTEMBER 30, 2020
Must be displayed at place of business Pursuant to County Code Chapter 8A - Art. 9 & 10

6027205
BUSINESS NAME/LOCATION: HR ENGINEERING SERVICES INC, 7815 NW 72ND AVE, MEDLEY FL 33166
RECEIPT NO.: RENEWAL 6287817

OWNER: HR ENGINEERING SERVICES INC
SEC. TYPE OF BUSINESS: 212 P.A./CORP/PARTNERSHIP/FIRM
PAYMENT RECEIVED BY TAX COLLECTOR: \$45.00 07/22/2019 FPPU03-19-016746

Employee(s) 4

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

008078

Local Business Tax Receipt

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

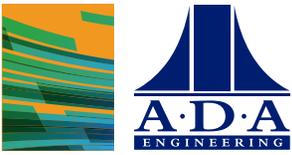
LBT

EXPIRES SEPTEMBER 30, 2020
Must be displayed at place of business Pursuant to County Code Chapter 8A - Art. 9 & 10

6027221
BUSINESS NAME/LOCATION: RAMOS HERNANDO, 7815 NW 72ND AVE, MEDLEY FL 33166
RECEIPT NO.: RENEWAL 6287833

OWNER: RAMOS HERNANDO
SEC. TYPE OF BUSINESS: 212 PROFESSIONAL
PAYMENT RECEIVED BY TAX COLLECTOR: \$60.00 07/22/2019 FPPU03-19-016748

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



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



**Internal Services Department
Small Business Development**
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

April 12, 2019

Hernando Ramos, P. E.
HR ENGINEERING SERVICES, INC.
7815 NW 72ND AVENUE
MEDLEY, FL 33166

Approval Date: March 27, 2019 - Disadvantaged Business Enterprise (DBE)
Anniversary Date: May 31, 2020

Dear Hernando Ramos, P. E.,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD), is pleased to notify you that your firm is certified under the Florida Unified Certification Program (UCP). Your firm meets the eligibility requirements for certification as a Disadvantaged Business Enterprise (DBE) in accordance with 49 CFR Part 26.

DBE certification is continuous with no expiration date; however, firms are required to attest that there are no changes via the No Change Declaration form on or before the firm's anniversary date to remain certified. You will be notified of your annual responsibilities in advance of the Anniversary Date listed above. You must submit the annual No Change Declaration form no later than the Anniversary Date to maintain your eligibility. Your firm will be listed in the UCP DBE Directory which can be accessed through the Florida Department of Transportation's website: <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory>.

DBE certification is NOT a guarantee of work, but it enables the 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 in your firm, you must advise this office by sworn affidavit and supporting documentation within thirty (30) days. Changes include, but are not limited to ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going business relationships with other firms, 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 comply will result in action to remove your firm's DBE certification.

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 sbdcert@miamidade.gov.

Sincerely,

Claudious Thompson, Section Chief
Small Business Development

NAICS & Industry Title: (Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE or ACDBE credit for work performed in the following areas.)

NAICS 54133: ENGINEERING SERVICES



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



**Internal Services Department
Small Business Development**
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

April 12, 2019

Hernando Ramos, P. E.
HR ENGINEERING SERVICES, INC.
7815 NW 72ND AVENUE
MEDLEY, FL 33166

Approval Date: March 27, 2019 - Small Business Enterprise - Architectural & Engineering (SBE-A&E)
Anniversary Date: May 31, 2020

Dear Hernando Ramos, P. E.,

Miami-Dade County Small Business Development (SBD), a division of Internal Services Department (ISD), is pleased to notify you of your firm's continuing eligibility as a certified 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. Your firm is certified in the categories listed below.

The Small Business Enterprise - Architectural & Engineering (SBE-A&E) certification is continuing through the Anniversary Date listed above, contingent upon your firm maintaining its eligibility based on the criteria outlined in the aforementioned code. 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 to maintain your eligibility. 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>.

If there is a material change in your firm, you must advise this office by submitting a status change form with the associated supporting documentation, within thirty (30) days. Changes may include, but are not limited to, ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going 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 action to remove your firm's certification.

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>. If you have any questions or concerns, you may contact our office at 305-375-3111 or email 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-TOC 09-01: DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
- MDC-TOC 09-02: GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
- MDC-TOC 16: GENERAL CIVIL ENGINEERING
- NAICS 541330: ENGINEERING SERVICES



**Internal Services Department
Small Business Development**
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

April 12, 2019

Hernando Ramos, P. E.
HR ENGINEERING SERVICES, INC.
7815 NW 72ND AVENUE
MEDLEY, FL 33166

Approval Date: March 27, 2019 - Small Business Enterprise - Goods & Services (SBE-G&S)
Anniversary Date: May 31, 2020

Dear Hernando Ramos, P. E.,

Miami-Dade County Small Business Development (SBD), a division of Internal Services Department (ISD), is pleased to notify you of your firm's continuing eligibility as a certified 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. Your firm is certified in the categories listed below.

The Small Business Enterprise - Goods & Services (SBE-G&S) certification is continuing through the Anniversary Date listed above, contingent upon your firm maintaining its eligibility based on the criteria outlined in the aforementioned code. 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 to maintain your eligibility. 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>.

If there is a material change in your firm, you must advise this office by submitting a status change form with the associated supporting documentation, within thirty (30) days. Changes may include, but are not limited to, ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going 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 action to remove your firm's certification.

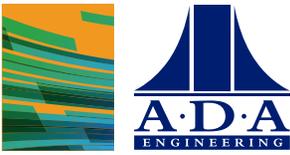
It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. If you have any questions or concerns, you may contact our office at 305-375-3111 or email sbdcert@miamidade.gov.

Sincerely,

Claudious Thompson, Section Chief
Small Business Development

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

- NIGP 918: CONSULTING SERVICES
- NIGP 91800: CONSULTING SERVICES
- NIGP 91843: ENVIRONMENTAL CONSULTING
- NIGP 92500: ENGINEERING SERVICES, PROFESSIONAL



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

RAMOS, HERNANDO R.
 7815 N.W. 72ND AVENUE
 MEDLEY FL 33166

LICENSE NUMBER: PE42045
EXPIRATION DATE: FEBRUARY 28, 2021
 Always verify licenses online at MyFloridaLicense.com

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RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

HR ENGINEERING SERVICES, INC.
 7815 N.W. 72 AVENUE
 MIAMI FL 33166

LICENSE NUMBER: CA7991
EXPIRATION DATE: FEBRUARY 28, 2021
 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.

Ron DeSantis, Governor Halsey Beshears, Secretary

Florida dbpr

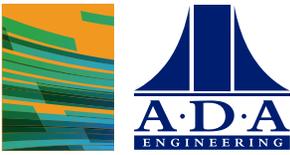
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

NIRAULA, LILADHAR
 16340 S POST ROAD
 APT 101
 WESTON FL 33331

LICENSE NUMBER: PE69917
EXPIRATION DATE: FEBRUARY 28, 2021
 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.



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS

State of Florida Department of State

I certify from the records of this office that HR ENGINEERING SERVICES, INC. is a corporation organized under the laws of the State of Florida, filed on July 13, 1998.

The document number of this corporation is P98000061709.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 2, 2019, 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, 2019



Ken Ditzman
Secretary of State

Tracking Number: CC2571010743

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

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



008077

Local Business Tax Receipt

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

LBT

EXPIRES SEPTEMBER 30, 2020
Must be displayed at place of business Pursuant to County Code Chapter 8A - Art. 9 & 10

6027205
BUSINESS NAME/LOCATION: HR ENGINEERING SERVICES INC, 7815 NW 72ND AVE, MEDLEY FL 33166
RECEIPT NO. RENEWAL: 6287817

OWNER: HR ENGINEERING SERVICES INC
SEC. TYPE OF BUSINESS: 212 P.A./CORP/PARTNERSHIP/FIRM
PAYMENT RECEIVED BY TAX COLLECTOR: \$45.00 07/22/2019, FPPU03-19-016746

Employee(s) 4

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

008078

Local Business Tax Receipt

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

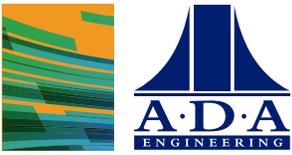
LBT

EXPIRES SEPTEMBER 30, 2020
Must be displayed at place of business Pursuant to County Code Chapter 8A - Art. 9 & 10

6027221
BUSINESS NAME/LOCATION: RAMOS HERNANDO, 7815 NW 72ND AVE, MEDLEY FL 33166
RECEIPT NO. RENEWAL: 6287833

OWNER: RAMOS HERNANDO
SEC. TYPE OF BUSINESS: 212 PROFESSIONAL
PAYMENT RECEIVED BY TAX COLLECTOR: \$60.00 07/22/2019, FPPU03-19-016748

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.
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For more information, visit www.miamidade.gov/taxcollector



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



**Internal Services Department
Small Business Development**
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

April 12, 2019

Hernando Ramos, P. E.
HR ENGINEERING SERVICES, INC.
7815 NW 72ND AVENUE
MEDLEY, FL 33166

Approval Date: March 27, 2019 - Disadvantaged Business Enterprise (DBE)
Anniversary Date: May 31, 2020

Dear Hernando Ramos, P. E.,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD), is pleased to notify you that your firm is certified under the Florida Unified Certification Program (UCP). Your firm meets the eligibility requirements for certification as a Disadvantaged Business Enterprise (DBE) in accordance with 49 CFR Part 26.

DBE certification is continuous with no expiration date; however, firms are required to attest that there are no changes via the No Change Declaration form on or before the firm's anniversary date to remain certified. You will be notified of your annual responsibilities in advance of the Anniversary Date listed above. You must submit the annual No Change Declaration form no later than the Anniversary Date to maintain your eligibility. Your firm will be listed in the UCP DBE Directory which can be accessed through the Florida Department of Transportation's website: <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory>.

DBE certification is NOT a guarantee of work, but it enables the 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 in your firm, you must advise this office by sworn affidavit and supporting documentation within thirty (30) days. Changes include, but are not limited to ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going business relationships with other firms, 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 comply will result in action to remove your firm's DBE certification.

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 sbdcert@miamidade.gov.

Sincerely,

Claudious Thompson, Section Chief
Small Business Development

NAICS & Industry Title: (Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE or ACDBE credit for work performed in the following areas.)

NAICS 54133: ENGINEERING SERVICES



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



**Internal Services Department
Small Business Development**
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

April 12, 2019

Hernando Ramos, P. E.
HR ENGINEERING SERVICES, INC.
7815 NW 72ND AVENUE
MEDLEY, FL 33166

Approval Date: March 27, 2019 - Small Business Enterprise - Architectural & Engineering (SBE-A&E)
Anniversary Date: May 31, 2020

Dear Hernando Ramos, P. E.,

Miami-Dade County Small Business Development (SBD), a division of Internal Services Department (ISD), is pleased to notify you of your firm's continuing eligibility as a certified 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. Your firm is certified in the categories listed below.

The Small Business Enterprise - Architectural & Engineering (SBE-A&E) certification is continuing through the Anniversary Date listed above, contingent upon your firm maintaining its eligibility based on the criteria outlined in the aforementioned code. 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 to maintain your eligibility. 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>.

If there is a material change in your firm, you must advise this office by submitting a status change form with the associated supporting documentation, within thirty (30) days. Changes may include, but are not limited to, ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going 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 action to remove your firm's certification.

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>. If you have any questions or concerns, you may contact our office at 305-375-3111 or email 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-TOC 09-01: DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
- MDC-TOC 09-02: GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
- MDC-TOC 16: GENERAL CIVIL ENGINEERING
- NAICS 541330: ENGINEERING SERVICES



**Internal Services Department
Small Business Development**
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

April 12, 2019

Hernando Ramos, P. E.
HR ENGINEERING SERVICES, INC.
7815 NW 72ND AVENUE
MEDLEY, FL 33166

Approval Date: March 27, 2019 - Small Business Enterprise - Goods & Services (SBE-G&S)
Anniversary Date: May 31, 2020

Dear Hernando Ramos, P. E.,

Miami-Dade County Small Business Development (SBD), a division of Internal Services Department (ISD), is pleased to notify you of your firm's continuing eligibility as a certified 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. Your firm is certified in the categories listed below.

The Small Business Enterprise - Goods & Services (SBE-G&S) certification is continuing through the Anniversary Date listed above, contingent upon your firm maintaining its eligibility based on the criteria outlined in the aforementioned code. 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 to maintain your eligibility. 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>.

If there is a material change in your firm, you must advise this office by submitting a status change form with the associated supporting documentation, within thirty (30) days. Changes may include, but are not limited to, ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going 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 action to remove your firm's certification.

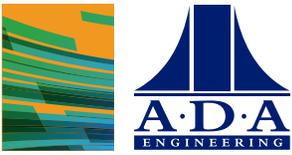
It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. If you have any questions or concerns, you may contact our office at 305-375-3111 or email sbdcert@miamidade.gov.

Sincerely,

Claudious Thompson, Section Chief
Small Business Development

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

- NIGP 918: CONSULTING SERVICES
- NIGP 91800: CONSULTING SERVICES
- NIGP 91843: ENVIRONMENTAL CONSULTING
- NIGP 92500: ENGINEERING SERVICES, PROFESSIONAL



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

RAMOS, HERNANDO R.
 7815 N.W. 72ND AVENUE
 MEDLEY, FL 33166

LICENSE NUMBER: PE42045
EXPIRATION DATE: FEBRUARY 28, 2021
 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 JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

HR ENGINEERING SERVICES, INC.
 7815 N.W. 72 AVENUE
 MIAMI, FL 33166

LICENSE NUMBER: CA7991
EXPIRATION DATE: FEBRUARY 28, 2021
 Always verify licenses online at MyFloridaLicense.com

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Ron DeSantis, Governor Halsey Beshears, Secretary

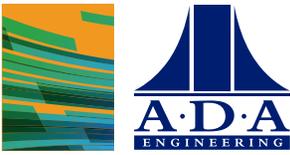
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

NIRLAULA, LILADHAR
 16340 S POST ROAD
 APT 101
 WESTON, FL 33331

LICENSE NUMBER: PE69917
EXPIRATION DATE: FEBRUARY 28, 2021
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SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



State of Florida Department of State

I certify from the records of this office that HADONNE CORP. is a corporation organized under the laws of the State of Florida, filed on April 5, 2001.

The document number of this corporation is P01000034740.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on April 9, 2019, 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 Ninth day of April, 2019



Ramón Roca
Secretary of State

Tracking Number: 2948006208CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

000111

Local Business Tax Receipt

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

LBT

EXPIRES SEPTEMBER 30, 2019
Must be displayed at place of business Pursuant to County Code Chapter 8A - Art. 9 & 10

5191630
BUSINESS NAME/LOCATION: HADONNE CORP, 1985 NW 88TH CT #101, DORAL FL 33172
RECEIPT NO.: RENEWAL 5425889

OWNER: HADONNE CORP
SEC. TYPE OF BUSINESS: 212 P.A./CORP/PARTNERSHIP/FIRM - LB7097
PAYMENT RECEIVED BY TAX COLLECTOR: \$64.35 02/19/2019 CREDITCARD-19-032762

Employee(s) 13

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

014050

Local Business Tax Receipt

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

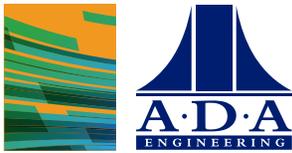
LBT

EXPIRES SEPTEMBER 30, 2019
Must be displayed at place of business Pursuant to County Code Chapter 8A - Art. 9 & 10

5191648
BUSINESS NAME/LOCATION: HADAD ABRAHAM, 1985 NW 88TH CT 201, DORAL FL 33172
RECEIPT NO.: RENEWAL 5425897

OWNER: HADAD ABRAHAM, HADONNE CORP
SEC. TYPE OF BUSINESS: 212 PROFESSIONAL LS8006
PAYMENT RECEIVED BY TAX COLLECTOR: \$60.00 07/06/2018 CHECK21-18-058257

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.
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For more information, visit www.miamidade.gov/taxcollector



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



MIAMI-DADE COUNTY
miamidade.gov

**Internal Services Department
Small Business Development**
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

June 4, 2019

Abraham Hadad
HADONNE CORP.
1985 NW 88 CT. #101
MIAMI, FL 33172

Approval Date: May 6, 2019 - Small Business Enterprise - Architectural & Engineering (SBE-A&E)
Anniversary Date: March 31, 2020

Dear Abraham Hadad,

Miami-Dade County Small Business Development (SBD), a division of Internal Services Department (ISD), is pleased to notify you of your firm's continuing eligibility as a certified 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. Your firm is certified in the categories listed below.

The Small Business Enterprise - Architectural & Engineering (SBE-A&E) certification is continuing through the Anniversary Date listed above, contingent upon your firm maintaining its eligibility based on the criteria outlined in the aforementioned code. 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 to maintain your eligibility. 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>.

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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>. If you have any questions or concerns, you may contact our office at 305-375-3111 or email 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 15-01: SURVEYING AND MAPPING - LAND SURVEYING
MDC-TCC 15-03: UNDERGROUND UTILITY LOCATION
NAICS 541370: SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES

MIAMI-DADE COUNTY
miamidade.gov

**Internal Services Department
Small Business Development**
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

June 4, 2019

Abraham Hadad
HADONNE CORP.
1985 NW 88 CT. #101
MIAMI, FL 33172

Approval Date: May 6, 2019 - Small Business Enterprise - Goods & Services (SBE-G&S)
Anniversary Date: March 31, 2020

Dear Abraham Hadad,

Miami-Dade County Small Business Development (SBD), a division of Internal Services Department (ISD), is pleased to notify you of your firm's continuing eligibility as a certified 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. Your firm is certified in the categories listed below.

The Small Business Enterprise - Goods & Services (SBE-G&S) certification is continuing through the Anniversary Date listed above, contingent upon your firm maintaining its eligibility based on the criteria outlined in the aforementioned code. 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 to maintain your eligibility. 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>.

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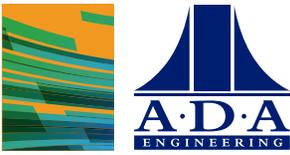
Sincerely,



Claudious Thompson, Section Chief
Small Business Development

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

NIGP 90779: SURVEYING SERVICES (NOT AERIAL OR RESEARCH)
NIGP 918: CONSULTING SERVICES
NIGP 91800: CONSULTING SERVICES
NIGP 92586: SURVEYOR SERVICES, LAND
NIGP 962: MISCELLANEOUS SERVICES, NO. 2 (NOT OTHERWISE CLASSIFIED)
NIGP 96300: MISCELLANEOUS SERVICES, NO. 2 (NOT OTHERWISE CLASSIFIED)
NIGP 96252: MAPPING AND GEOGRAPHICAL INFORMATION SYSTEMS (GIS) SERVICES, INCLUDING CARTOGRAPHY AND SURVEYING SERVICES, NOT AERIAL, (SEE 920-33 FOR DIGITIZED MAPPING SERVICES AND 905-10 FOR AERIAL MAPPING AND SURVEY SERVICES)



SECTION III: C. SUPPORTING LICENSES AND CERTIFICATIONS



 Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500
800HELPLA(435-7352) or (850) 488-2221

February 21, 2019

ABRAHAM HADAD
1985 NW 88TH CT STE 101
DORAL, FL 33172-2648

Detach Here

SUBJECT: Professional Surveyor and Mapper License # LS6006

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

 Florida Department of Agriculture and Consumer Services
Board of Professional Surveyors and Mappers

LS6006
Professional Surveyor and Mapper
ABRAHAM HADAD

IS LICENSED under the provisions of Ch. 472 FS
Expiration date: February 28, 2021

Detach Here

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

License No.: **LS6006**
Expiration Date February 28, 2021

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

ABRAHAM HADAD
1985 NW 88TH CT STE 101
DORAL, FL 33172-2648

Nicole Fried

NICOLE "NIKKI" FRIED
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.

 Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500
800HELPLA(435-7352) or (850) 488-2221

February 21, 2019

HADONNE CORP
1985 NW 88TH CT STE 201
DORAL, FL 33172-2638

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB7097

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

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

License No.: **LB7097**
Expiration Date February 28, 2021

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

HADONNE CORP
1985 NW 88TH CT STE 201
DORAL, FL 33172-2638

Nicole Fried

NICOLE "NIKKI" FRIED
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.

 Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500
800HELPLA(435-7352) or (850) 488-2221

February 21, 2019

RAUL DE JESUS IZQUIERDO
1985 NW 88TH CT STE 201
DORAL, FL 33172-2638

Detach Here

SUBJECT: Professional Surveyor and Mapper License # LS6099

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

 Florida Department of Agriculture and Consumer Services
Board of Professional Surveyors and Mappers

LS6099
Professional Surveyor and Mapper
RAUL DE JESUS IZQUIERDO

IS LICENSED under the provisions of Ch. 472 FS
Expiration date: February 28, 2021

Detach Here

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

License No.: **LS6099**
Expiration Date February 28, 2021

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

RAUL DE JESUS IZQUIERDO
1985 NW 88TH CT STE 201
DORAL, FL 33172-2638

Nicole Fried

NICOLE "NIKKI" FRIED
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.



Qualifications to Provide:

Engineering Consulting Services for Pedestrian Lighting Improvements to the Hollywood Florida Community Redevelopment Agency (CRA)

Project #: DCRA 19-023

www.adaeng.net



A.D.A. Engineering, Inc.

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

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