

REQUEST FOR QUALIFICATIONS

ARCHITECTURAL/ENGINEERING DESIGN
CONTINUING SERVICES - MISCELLANEOUS PROJECTS

CITY OF HOLLYWOOD
BID #DS 19-009

SUBMITTED BY:

**CARTAYA &
ASSOCIATES
ARCHITECTS P.A.**

March 19, 2019



CARTAYA &
ASSOCIATES
ARCHITECTS P.A.

REQUEST FOR PROPOSAL SUBJECT

RFQ To Provide Architectural/Engineering Design Continuing Services
Solicitation DS 09-009

PROPOSER'S FIRM

Cartaya & Associates Architects, P.A.
2400 East Commercial Blvd., Suite 201
Fort Lauderdale, Florida 33308
(954) 771-2724

RFP SUBMITTAL CONTACT

Deborah Martin, Marketing Manager
dmartin@cartayaandassociates.com

CONTRACT CONTACT

Mario M. Cartaya, President
mjcartaya@cartayaandassociates.com

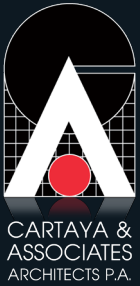
DATE

March 19, 2019



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March 19, 2019

City of Hollywood
Procurement Services Division
Office of the City Clerk
2600 Hollywood Boulevard, Room #221
Hollywood, Florida 33020

Re: Solicitation DS 09-009
Continuing Contract for Architectural Design Services

Dear Members of the Selection Committee:

On behalf of the Cartaya and Associates Architects, P.A. Team, it is my pleasure to submit our response to your Request for Qualifications for a Continuing Contract for Architectural Design Services. The Cartaya and Associates Architects, P.A. Team proposes to provide you with Architectural, Mechanical/Electrical/Plumbing Engineering, Structural Engineering, Civil Engineering, Landscaping/Irrigation Design Services, Survey, SUE, Geotechnical Engineering, Environmental Engineering, Building Envelope, Roofing and Cost Estimating Services.

Cartaya and Associates Architects, P.A. is a Fort Lauderdale Corporation that has been in business for 40 years. We have been the Architects for hundreds projects in over twenty (20) municipalities and governmental entities.

You Know our Work! We have been the architects for hundreds of projects in South Florida including the Hollywood Amtrak and Tri-Rail Station, the Fort Lauderdale/Hollywood International Airport's Terminal 1 and Car Rental Return Facility, the City of Fort Lauderdale's Building Services Center (Building, Planning and Zoning Department), Broward College's New Fine Arts Building, the City of Miramar's Town Center, Cultural Arts Facility and City Hall, the Weston Library/Broward Community College Facility and the Miramar Educational Center including Nova Southeastern University and Broward College. We are presently the architects for the Broward County Civil/Family Courthouse and have several Continuing Services Contracts which include the City of Miramar, the City of Pompano Beach, the Broward County Housing Authority, Broward College, Barry University, Fort Lauderdale/Hollywood International Airport, and Broward County. Mario Cartaya has also been a guest speaker at a City of Hollywood Green Team Advisory Committee's semi-annual Environmental Education Series discussing LEED (or Green) Certification and the costs, benefits, and desirability of going green.

Cartaya and Associates Architects, P.A. understands the scope of work for this contract may include new site and building development, interior and exterior building renovations, building envelope and air quality evaluations, roofing evaluation and replacement, site renovations, site master plans and redevelopment planning. We understand that the City is interested in entering into a continuing contract with up to

CERTIFIED ARCHITECT
CORPORATION BY THE
STATE OF FLORIDA
#AAC001388

three (3) architectural firms to provide architectural design services for miscellaneous projects at City Facilities. We are committed to providing the City of Hollywood with these services.

The Cartaya and Associates Architects, P.A. Team understands your goals and needs. We have the knowledge and expertise to accomplish it. Our Team has vast experience in all aspects of architectural, engineering and landscape design. We also have extensive knowledge and experience with inspection, permitting, bidding warranty services as well LEED and Construction Administration Services.

It is our commitment to excellence and our ability to coordinate the needs of our clients, in cooperation with the requirements of public and private stakeholders that has enabled our team to accomplish our proven track record of successful projects. It is with this same level of commitment, professional skills, quality experience and proven capabilities that we promise to serve the City of Hollywood.

Sincerely,



Deborah Martin
Marketing Manager

Firm Representatives

Mario Cartaya, AIA - CEO
Mario M. Cartaya - President
Juan Justiniano - Vice President

Cartaya and Associates Architects, P.A.
2400 East Commercial Boulevard, Suite 201
Fort Lauderdale, Florida 33308
(954)771-2724



ARCHITECT-ENGINEER QUALIFICATIONS

PART I — CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> RFQ to Provide Architectural/Engineering Design Continuing Services City of Hollywood, Florida	
2. PUBLIC NOTICE DATE March 19, 2019	3. SOLICITATION OR PROJECT NUMBER DS 09-009

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE Deborah Martin Marketing/Proposal Manager		
5. NAME OF FIRM Cartaya and Associates Architects, P.A.		
6. TELEPHONE NUMBER 954-771-2724	7. FAX NUMBER N/A	8. E-MAIL ADDRESS dmartin@cartayaandassociates.com

C. PROPOSED TEAM

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

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	X			Cartaya and AssociatesArchitects <input type="checkbox"/> CHECK IF BRANCH OFFICE	2400 E. Commercial Blvd., Suite 201 Fort Lauderdale, FL 33308	Architecture / Team Management
b.			X	CES Engineering Services <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1500 W.Cypress Creek Road Fort Lauderdale, FL 33309	Mechanical / Electrical / Plumbing / Fire Protection / IT / Security
c.			X	S&F Engineers <input type="checkbox"/> CHECK IF BRANCH OFFICE	2925 W. Cypress Creek Road, Suite 200 Fort Lauderdale, 33309	Structural Engineering
d.			X	Miller Legg <input type="checkbox"/> CHECK IF BRANCH OFFICE	5747 N. Andrews Way Fort Lauderdale, FL 33309	Landscape Architecture / Survey / SUE
e.			X	Tierra South Florida <input type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411	Special Inspections / Geotechnical Engineering
f.			X	Construction Moisture Consulting <input type="checkbox"/> CHECK IF BRANCH OFFICE	4508 Oak Fair Boulevard, Suite 200 Tampa FL 33610	Building Envelope Waterproofing
g.			X	Kimely-Horn and Associates <input type="checkbox"/> CHECK IF BRANCH OFFICE	1920 Wekiva Way, Suite 200 West Palm Beach, FL 33411	Traffic Engineering and Studies
h.			X	AirQuest Environmental <input type="checkbox"/> CHECK IF BRANCH OFFICE	6851 Southwest 45th Street Fort Lauderdale, FL 33314	Environmental Engineering/Studies
i.			X	CMS-Construction Management Svcs. <input type="checkbox"/> CHECK IF BRANCH OFFICE	10 Fairway Drive, Suite 301 Deerfield Beach, FL 33441	Cost Estimating/Value Engineering
j.				EAC Consulting <input type="checkbox"/> CHECK IF BRANCH OFFICE	5959 Blue Lagoon Drive, Suite 410 MIAMI, FL 33126	Civil Engineering

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] *(Attached)*


CITY OF HOLLYWOOD

PRIME DESIGN CONSULTANT



CARTAYA & ASSOCIATES ARCHITECTS
ARCHITECTURE
DESIGN TEAM MANAGEMENT


SUB-CONSULTANTS



CES ENGINEERING SERVICES
MEP/FIRE PROTECTION ENGINEERING
IT/SECURITY ENGINEERING



MILLER LEGG
LANDSCAPE ARCHITECTURE
SURVEY
SUE



S & F ENGINEERS
STRUCTURAL ENGINEERING



TIERRA SOUTH FLORIDA
SPECIAL INSPECTIONS
GEOTECHNICAL ENGINEERING




CONSTRUCTION MOISTURE CONSULTING
BUILDING ENVELOPE
WATERPROOFING



KIMLEY-HORN AND ASSOCIATES
TRAFFIC ENGINEERING



CONSTRUCTION MANAGEMENT SERVICES, INC.
COST ESTIMATING
VALUE ENGINEERING



AIRQUEST ENVIRONMENTAL
ENVIRONMENTAL ENGINEERING
SPECIAL INSPECTIONS



EAC CONSULTING
CIVIL ENGINEERING

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

12. NAME Mario Cartaya, AIA, NCARB - CEO	13. ROLE IN THIS CONTRACT Principal Architect	14. YEARS EXPERIENCE	
		a. TOTAL 43	b. WITH CURRENT FIRM 39
15. FIRM NAME AND LOCATION (City and State) Cartaya and Associates Architects P.A., Fort Lauderdale, Florida			
16. EDUCATION (<i>Degree and Specialization</i>) University of Florida (Bachelor of Architecture) University of Florida (Master's of Building Construction)		17. CURRENT PROFESSIONAL REGISTRATION (<i>State and Discipline</i>) Florida Registered Architect & Planner #AR0007787 NCARB Registration #34447 Uniform Building Code Inspector's License	
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) American Institute of Architects, AV Med Health Plans Board of Directors, Broward Workshop, • National Council of Architectural Registration Boards			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (<i>City and State</i>) Pembroke Pines City Center Pembroke Pines, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (<i>If applicable</i>) 2017
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE a. The Design includes a 166,895 square foot Civic Center with a 3500 seat acoustically designed Performing Arts / Banquet / Exhibition Grand Hall, a full Service Kitchen, Performing Dressing and Green Rooms, an exquisitely designed Grand Lobby, and the Administrative offices for the City. The stand- alone 6,000 square foot Commission Chambers building will serve as the legislative venue for the elected officials. A 10,000 square foot Art Gallery will define the north end of the Complex. These three buildings surround a multi- media ready Community Plaza where the elected officials and the community can celebrate designated and important times of the year.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (<i>City and State</i>) Chupco's Landing Community Center Fort Pierce, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (<i>If applicable</i>) 2014
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE b. New one-story, 16,914 SF community center. Provides a place for gatherings, meetings, and various recreational activities. Includes basketball and volleyball courts, administrative offices, billiards area, dining hall for approximately 250 people, full kitchen for banquets, fitness center and a covered Olympic size pool with kiddie pool area.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (<i>City and State</i>) Broward College Fine Arts Building #6 Davie, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (<i>If applicable</i>) 2012
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE c. Project consisted of an interior build-out and exterior repairs to 7,000 sf of offices and conference rooms, and 1,000 sf for an additional structure to house restrooms and vertical circulation. Phase II will be the new 37,000 square-foot, 2-story, Fine-Arts Center. This modernist building is designed to incorporate a large Sculpture /Art Garden, and includes a gallery, ceramic/sculpture studios, digital/graphic art studios, history classrooms, 2D drawing/painting studios, photography/digital photography studios.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (<i>City and State</i>) Miramar Cultural Arts Miramar, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (<i>If applicable</i>) 2008
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE d. As part of the original design for the City of Miramar Town Center, our Firm was commissioned to design this new 46,000 square-foot, five-level, 800 seat Performing Arts Center. This facility houses a technologically-advanced Performing Arts Theater and also includes Banquet Halls for as many as 500 persons, a full service kitchen, two Art Galleries. music, dance, and arts/crafts Classrooms emphasize the City of Miramar's dedication to Education and the Performing Arts.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (<i>City and State</i>) Weston Library Broward College Combination Building Miramar, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION (<i>If applicable</i>) 2006
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE e. This new two story, fifty thousand square foot, building includes a thirty thousand square foot Broward County Branch Library and a twenty thousand square foot Broward College classroom facility. The County Library includes seventy computers and over one hundred thousand books, CD's and DVD's, as well as a Community Hall and an Electronic Lab. The Broward College Facility includes ten classrooms, a bookstore, and student academic service offices.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
All the referenced projects above were delivered on time and on budget .		

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

12. NAME Juan Justiniano, AIA, AICP, LEED AP BD+C	13. ROLE IN THIS CONTRACT Project Architect/ Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 19
15. FIRM NAME AND LOCATION (City and State) Cartaya and Associates Architects P.A., Fort Lauderdale, Florida			
16. EDUCATION (<i>Degree and Specialization</i>) Texas Tech University (Bachelor's of Architecture - Structures) Georgia Institute of Technology (Master's in City Planning) ~ <i>Fulbright Scholar</i>		17. CURRENT PROFESSIONAL REGISTRATION (<i>State and Discipline</i>) Florida Architectural Registration #94371 AIA # 30063757 American Institute of Certified Planners #141945 LEED AP Building Design + Construction #10476514	
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (<i>City and State</i>) Pembroke Pines City Center Pembroke Pines, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (<i>If applicable</i>) 2017
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE a. The Design includes a 166,895 square foot Civic Center with a 3500 seat acoustically designed Performing Arts / Banquet / Exhibition Grand Hall, a full Service Kitchen, Performing Dressing and Green Rooms, an exquisitely designed Grand Lobby, and the Administrative offices for the City. The stand- alone 6,000 square foot Commission Chambers building will serve as the legislative venue for the elected officials. A 10,000 square foot Art Gallery will define the north end of the Complex. These three buildings surround a multi- media ready Community Plaza where the elected officials and the community can celebrate designated and important times of the year.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (<i>City and State</i>) Chupco's Landing Community Center Fort Pierce, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (<i>If applicable</i>) 2014
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE b. New one-story, 16,914 SF community center. Provides a place for gatherings, meetings, and various recreational activities. Includes basketball and volleyball courts, administrative offices, billiards area, dining hall for approximately 250 people, full kitchen for banquets, fitness center and a covered Olympic size pool with kiddie pool area.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (<i>City and State</i>) Broward College Fine Arts Building #6 Davie, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (<i>If applicable</i>) 2012
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE c. Project consisted of an interior build-out and exterior repairs to 7,000 sf of offices and conference rooms, and 1,000 sf for an additional structure to house restrooms and vertical circulation. Phase II will be the new 37,000 square-foot, 2-story, Fine-Arts Center. This modernist building is designed to incorporate a large Sculpture /Art Garden, and includes a gallery, ceramic/sculpture studios, digital/graphic art studios, history classrooms, 2D drawing/painting studios, photography/digital photography studios.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (<i>City and State</i>) Miramar Cultural Arts Miramar, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (<i>If applicable</i>) 2008
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE d. As part of the original design for the City of Miramar Town Center, our Firm was commissioned to design this new 46,000 square-foot, five-level, 800 seat Performing Arts Center. This facility houses a technologically-advanced Performing Arts Theater and also includes Banquet Halls for as many as 500 persons, a full service kitchen, two Art Galleries. music, dance, and arts/crafts Classrooms emphasize the City of Miramar's dedication to Education and the Performing Arts.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (<i>City and State</i>) Weston Library Broward College Combination Building Miramar, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION (<i>If applicable</i>) 2006
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE e. This new two story, fifty thousand square foot, building includes a thirty thousand square foot Broward County Branch Library and a twenty thousand square foot Broward College classroom facility. The County Library includes seventy computers and over one hundred thousand books, CD's and DVD's, as well as a Community Hall and an Electronic Lab. The Broward College Facility includes ten classrooms, a bookstore, and student academic service offices.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
All the referenced projects above were delivered on time and on budget .		

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

12. NAME James Downey	13. ROLE IN THIS CONTRACT Construction Administration	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)

Cartaya and Associates Architects P.A., Fort Lauderdale, Florida16. EDUCATION (*Degree and Specialization*)Palm Beach Community College – Associate's of Architecture
Weymouth Vocational Technical High School 1979-81 - Structural Drafting and Design17. CURRENT PROFESSIONAL REGISTRATION (*State and Discipline*)18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (<i>City and State</i>) Pembroke Pines City Center Pembroke Pines, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (<i>If applicable</i>) 2017
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE a. The Design includes a 166,895 square foot Civic Center with a 3500 seat acoustically designed Performing Arts / Banquet / Exhibition Grand Hall, a full Service Kitchen, Performing Dressing and Green Rooms, an exquisitely designed Grand Lobby, and the Administrative offices for the City. The stand- alone 6,000 square foot Commission Chambers building will serve as the legislative venue for the elected officials. A 10,000 square foot Art Gallery will define the north end of the Complex. These three buildings surround a multi- media ready Community Plaza where the elected officials and the community can celebrate designated and important times of the year.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (<i>City and State</i>) United Way Jean and David Colker Center Fort Lauderdale, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (<i>If applicable</i>) 2015
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE b. This is a two story office building. The ground level provides a lobby/reception area, conference room with kitchenette, public toilets and service areas. The second floor includes a reception area, three offices, an open office area for four desks/work stations, and toilets. The building includes an elevator as well as interior and exterior stairs to provide two means of egress.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (<i>City and State</i>) Broward College Café & Bookstore Renovation/Remodeling Davie, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (<i>If applicable</i>) n/a
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE c. This project comprises of the renovation of an existing open courtyard and transformation of the space into a Cafe, Bookstore, Student Lounge Area and provision of Offices for this building. The bookstore area is to be managed by Barnes and Noble as is currently agreed by the College. The project meets all of the College's standards for renovations and new construction.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (<i>City and State</i>) Broward College Security Office Davie Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (<i>If applicable</i>) n/a
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE d. This project included the relocation of the Police and Security Offices within the campus. This facility provides Office Spaces, Conference Rooms, Locker Room and Restroom Facilities as well as providing a space for storage of the carts regularly used by security personnel on the campus. The second part of this project was the development of a Student Center which provides Restrooms, Offices, Lounge Areas, Storage Space, Data Rooms and a large student gathering space which can be used for a number of functions including events and meeting.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (<i>City and State</i>) Miramar Police Headquarters Miramar, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (<i>If applicable</i>) 2016
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE e. The City of Miramar Police Headquarters and retail area is a part of the Miramar Town Center Master Plans as designed by our firm. This facility is a three story wrap around structure surrounding the Town Center Parking Garage. The building's Mediterranean style inspired exterior design compliments the Miramar City Hall and Cultural Arts Center buildings, also designed by our firm. The first level of this 80,000 SF building consists of a pedestrian friendly retail area with an arch covered exterior sidewalk facing City Hall Promenade and the pedestrian/automobile entrance to the building. The second and third floor houses the City's Police Department including a sally port entry, holding areas, offices, conference rooms and investigative facilities. This secure building is designed to be bullet-proof inside and outside and withstand Category 5 hurricane events.	<input checked="" type="checkbox"/> Check if project performed with current firm	

All the referenced projects above were delivered **on time** and **on budget**.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Steven R. Collins Vice President		Principal in Charge, Project Management		a. TOTAL	b. WITH CURRENT FIRM
				33	21
15. FIRM NAME AND LOCATION (City and State) CES Engineering Services Fort Lauderdale FL					
16. EDUCATION (Degree and Specialization) CCSU - Central CT State University New Britain CT Construction Engineering Studies Hartford State Technical College Hartford CT Electrical Engineering Studies			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Illuminating Engineering Society of North America (IESNA), National Fire Protection Association (NFPA) Connecticut Green Building Council (CTGBC), New England Healthcare Engineers Society (NEHES) American Society of Healthcare Engineers (ASHE)					
19. RELEVANT PROJECTS					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
Broward County School System Broward County FL Size: various sf Construction Cost: various Role: Principal in Charge		PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable) ongoing		
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
CES is acting as prime design professional for MEP/FP engineering design services needed at several K-12 schools in the Broward County School District. The projects include improvements, renovations and replacements of HVAC systems.					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
Broward College Coconut Creek FL Size: 1,600 sf Cost: \$250,000 million Role: Principal in Charge		PROFESSIONAL SERVICES 9/2018 est	CONSTRUCTION (If applicable) 9/2018 est		
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
CES updated several toilet rooms on campus. The project involved the renovation of 5 bathrooms in buildings constructed in the 80's. As a part of the project, the existing urinals were replaced with floor mounted toilets. The flush valves are battery operated using a solar cell that harvests power from artificial indoor light.					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
Golden Isles Park Hallandale Beach FL Size: 5 acres Construction Cost: \$8 million Role: Principal		PROFESSIONAL SERVICES November 2019 est.	CONSTRUCTION (If applicable) November 2019 est.		
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
CES is providing MEP engineering design services for the demolition of 10 tennis courts and related structures at the park and the construction of new tennis courts, offices, locker rooms, and the pro shop/concessions building. CES will also provide site lighting design for the park. This ADA accessible park includes a playground, pavilion, picnic tables, walking trail, 2 bocce courts, dog park and basketball court.					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
Oakland Park Municipal Facilities Study Oakland Park FL Size: various sf Construction Cost: TBD Role: Principal in Charge		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2018		
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
CES studied the MEP systems at 3 fire stations, 3 community centers, City Hall and the library and provided recommendations on replacing outdated systems for energy efficiency.					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
Weston Community Center Weston FL Size: 25,000 sf Construction Cost: \$10 million est. Role: Principal		PROFESSIONAL SERVICES 2020 est.	CONSTRUCTION (If applicable) 2020 est.		
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
CES is currently providing MEP/FP engineering design services for a new Community Center in Weston. The new building will be located within Weston Regional Park. Facilities will include office space, multi-purpose rooms for classes, meetings, banquets, an indoor stage, catering kitchen, arts & crafts, restrooms and storage. 6,400 sf outdoor amenities include a stage with restrooms and storage, lawn seating for 2,500 and a 7,500 sf playground, parking and landscaping.					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Douglas S. Lajoie, PE	13. ROLE IN THIS CONTRACT Principal-in-Charge, Electrical	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 24

15. FIRM NAME AND LOCATION (City and State)

CES Engineering Services | Fort Lauderdale FL

16. EDUCATION (Degree and Specialization)

BS, Electrical Engineering
University of New Haven
New Haven CT

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

FL Professional Engineer, Electrical - #61347

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

LEED Accredited Professional (LEED AP) | Building Commissioning Association of America (Member)
Illuminating Engineering Society of North America (Member)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
State of Connecticut DCS On-Call MEP Engineering Services Statewide CT Role: Principal in Charge	current	current
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. CES was retained by the State of Connecticut for another consecutive, two year contract for on-call MEP engineering services. Within this contract, CES provides on-going services such as engineering design, commissioning and re-commissioning, preparation of drawings, specifications and related construction administration, technical review of drawings and specifications prepared by other consultants, and preparation of bid specifications.		
DCAMM Central Region Bldg Maintenance/Engineering Services House Dr Statewide MA Role: Principal in Charge	2013-2016	2013-2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. CES was selected for this DCAMM House Doctor Contract, providing cost-effective engineering solutions for deferred maintenance and operational requirements in 2 million square feet of new, partially closed and moth-balled individual buildings and hospital campuses located in the Central Region of Massachusetts.		
State of Connecticut DCS On-Call MDE Engineering Services Statewide CT Role: Principal in Charge	2008	2008
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. CES was retained by the State of Connecticut Department for a two year multi-disciplined engineering contract. Within this contract, CES provided on-going services such as engineering design services, preparation of drawings, specifications and related construction administration, technical/ code review, constructability review, and assistance with bid document preparation.		
Pratt & Whitney On-Call MEP/FP Engineering Services East Hartford CT Role: Principal in Charge	current	current
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. CES provides on-going on-call MEP/FP engineering services for Pratt & Whitney, manufacturer of engines for commercial and military aerospace, industrial applications and beyond. Services to date have included building and department consolidation, revisions to lab humidification, relocation of mission-critical departments including security and fire, and general code updates and revisions to multiple facilities on the campus.		
Sikorsky Aircraft On-Call MEP/FP Engineering Services Stratford CT Role: Principal in Charge	current	current
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. CES provides MEP/FP engineering design services for various projects on the Sikorsky Aircraft Campus. These projects include: Aircraft Gear Room HVAC Upgrades, Secure Server Upgrades, OEB Mechanical Room Fire Protection, Shuttle Dock Renovation, VH Hanger HVAC, Cafeteria Corridor, Condenser Water Pump Upgrade Study, VH Prep Cell, Autonomy Lab.		

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

12. NAME Michael B. Walsh, PE	13. ROLE IN THIS CONTRACT Principal-in-Charge, Mechanical	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION <i>(City and State)</i> CES Engineering Services Fort Lauderdale FL			
16. EDUCATION <i>(Degree and Specialization)</i> BS, Mechanical Engineering Villanova University Villanova PA		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL Professional Engineer, Mechanical - #79571	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> High Performance Building Design Professional (HBDP), Certified Commissioning Professional (CCP), LEED AP			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
State of Connecticut DCS On-Call MEP Engineering Services Statewide CT Role: Principal in Charge	current	current
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. CES was retained by the State of Connecticut for another consecutive, two year contract for on-call MEP engineering services. Within this contract, CES provides on-going services such as engineering design, commissioning and re-commissioning, preparation of drawings, specifications and related construction administration, technical review of drawings and specifications prepared by other consultants, and preparation of bid specifications.		
State of Connecticut Judicial Branch On-Call MEP Engineering Services Statewide CT Role: Principal in Charge	2002-present	2002-present
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. CES provides on-call MEP Engineering services for the alterations, repairs and modifications to courthouse facilities throughout the state. Tasks include evaluations of existing building conditions, integrating established Judicial Branch program requirements, life safety and ADA code updates, renovations and repairs. CES has been a subconsultant to the selected architect since 2002.		
DCAMM Central Region Bldg Maintenance/Engineering Services House Dr Statewide MA Role: Principal in Charge	2013-2016	2013-2016
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. CES was selected for this DCAMM House Doctor Contract, providing cost-effective engineering solutions for deferred maintenance and operational requirements in 2 million square feet of new, partially closed and moth-balled individual buildings and hospital campuses located in the Central Region of Massachusetts.		
DCAMM Court Facilities House Dr - Repairs/Improvements/Renovations Statewide MA Role: Principal in Charge	2015	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 d. This DCAMM "House Doctor" contract called for improvements to multiple courthouse facilities statewide. Projects included roof replacements, HVAC modifications, site improvements, and handicap accessibility for state office buildings and courthouses		
DCAMM MEP Building Commissioning Services Statewide MA Role: Principal in Charge	current	current
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. CES was selected by DCAMM to provide MEP Commissioning services under a house doctor contract. As the commissioning agent, CES is involved in the pre-design phase, design phase, construction phase, acceptance phase, and post acceptance phase - providing a wide variety of tasks under each phase for various projects located statewide.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Gregory J. Rivera Electrical Engineer	13. ROLE IN THIS CONTRACT Electrical Engineer / IT / Data /Security	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) CES Engineering Services Fort Lauderdale FL			
16. EDUCATION (Degree and Specialization) BS, Electrical and Electronics Engineering Old Dominion University Norfolk VA		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Broward County School System Broward County FL Size: various sf Construction Cost: various Role: Project Manager	ongoing	ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. CES is acting as prime design professional for MEP/FP engineering design services needed at several K-12 schools in the Broward County School District. The projects include improvements, renovations and replacements of HVAC systems.		
Weston Community Center Weston FL Size: 25,000 sf Construction Cost: \$10 million est. Role: Project Manager	2020 est.	2020 est.
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. CES is currently providing MEP/FP engineering design services for a new Community Center in Weston. The new building will be located within Weston Regional Park. Facilities will include office space, multi-purpose rooms for classes, meetings, banquets, an indoor stage, catering kitchen, arts & crafts, restrooms and storage. 6,400 sf outdoor amenities include a stage with restrooms and storage, lawn seating for 2,500 and a 7,500 sf playground, parking and landscaping.		
Oakland Park Municipal Facilities Study Oakland Park FL Size: various sf Construction Cost: TBD Role: Project Manager	2018	2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. CES studied the MEP systems at 3 fire stations, 3 community centers, City Hall and the library and provided recommendations on replacing outdated systems for energy efficiency.		
Broward College Coconut Creek FL Size: 1,600 sf Construction Cost: \$250,000 million Role: Electrical Eng	9/2018 est	9/2018 est.
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. CES updated several toilet rooms on campus. The project involved the renovation of 5 bathrooms in buildings constructed in the 80's. As a part of the project, the existing urinals were replaced with floor mounted toilets. The flush valves are battery operated using a solar cell that harvests power from artificial indoor light.		
Golden Isles Park Hallandale Beach FL Size: 5 acres Cost: \$8 million Role: Electrical Engineer	November 2019 est.	November 2019 est.
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. CES is providing MEP engineering design services for the demolition of 10 tennis courts and related structures at the park and the construction of new tennis courts, offices, locker rooms, and the pro shop/concessions building. CES will also provide site lighting design for the park. This ADA accessible park includes a playground, pavilion, picnic tables, walking trail, 2 bocce courts, dog park and basketball court.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Annette Ben-Habib, PE Mechanical Eng.	13. ROLE IN THIS CONTRACT Mechanical/Plumbing/Fire Protection Eng	14. YEARS EXPERIENCE	
		a. TOTAL 11	b. WITH CURRENT FIRM <1

15. FIRM NAME AND LOCATION *(City and State)*
CES Engineering Services | Fort Lauderdale FL

16. EDUCATION <i>(Degree and Specialization)</i> BS Mechanical Engineering City College of New York New York NY	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL Professional Engineer, Mechanical - #83058
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
LEED Accredited Professional (LEED AP) | Certified Energy Manager (CEM) | Certified Buildings Commissioning Professional (CBCP) | ASHRAE (Member)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Broward County School System Broward County, FL Size: various sf Construction Cost: various Role: Engineer of Record/PM	ongoing	ongoing
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm a. Project Manager and/or Engineer of Record for the prime design professional for MEP/FP engineering design services needed at several K-12 schools in the Broward County School District. The projects include improvements to the building envelope, HVAC system, fire alarm electrical distribution and new fire protection systems. Firm: Crain Atlantis Engineering		
Palm Beach County School System Palm Beach County, FL Size: various sf Construction Cost: various Role: Engineer of Record/PM	2018/2019	ongoing
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm b. Project Manager and/or Engineer of Record for MEP engineering design services needed at several K-12 schools in the Palm Beach County School District. The projects include improvements, renovations, and replacement of lighting, restrooms, hot and cold domestic water systems, fire alarms, HVAC and Energy Management Systems. Firm: Crain Atlantis Engineering		
Greenbelt Recreation Center Staten Island, NY Size: 18,000 Construction Cost: \$1 million Role: Engineer in Charge	2017	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm c. Redesigned the heating, cooling, and energy management systems for a 2-story recreation center. The air and water distribution systems were redesigned for increased efficiency and reliability. Firm: NYC Dept. of Parks and Recreation		
NYC Parks Historic Bathhouses New York City, NY Size: 20,000-50,000 SF Const. Cost: various Role: Engineer in Charge	2015-2017	2015-2017
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm d. NYC Parks owns numerous Recreation Centers housed in historic buildings originally built in the 1930's as bathhouses. The projects included redesign and construction of facility heating and hot water systems to accommodate current usage and increase efficiency. Design of new cooling systems for these unconditioned facilities. Firm: NYC Dept. of Parks and Recreation		
NYC Parks & Recreation New York City, NY Size: 400 SF - 551 Acres Cost: various Role: Project Manager		2015-2017
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm e. Managed various on-call MEP contracts for 1700 facilities. Contracts included: LED lighting upgrades for interior, exterior and ballfields; HVAC and boiler renovations and replacements; pool filtration system renovations; fire protection system design and installation, elevator bank design and installation. Firm: NYC Dept. of Parks and Recreation		

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

12. NAME Donata M. Williams Beasley, P.E., LEED AP, CM-BIM	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION *(City and State)***S&F Engineers, Inc. – Fort Lauderdale, FL**16. EDUCATION *(DEGREE AND SPECIALIZATION)*

B.S., Civil Engineering, University of Florida, 2000
**M.S., Architectural Engineering,
 North Carolina A&T State University, 2002**
MBA, University of Florida, 2011

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Florida, Professional Engineer, License #67337
Florida, Special Inspector, License # 7018699
North Carolina, Professional Engineer, License #36134

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

Member: Florida Structural Engineers Assoc. (FSEA), American Institute of Steel Construction (AISC), Green Building Council
Member, Board of Directors, Florida Structural Engineers Association, South Florida Chapter
One of the first to be certified as CM-BIM in Florida.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Foster Park Community Center, Hallandale Beach, Florida	2010	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Williams served as project manager and special inspector for a new one-story Community Center building with approximately 9,130 sq. ft. to house a banquet hall, library, classroom, a small gymnasium and support spaces. She did most of the analysis, design and detailing for this CMU, bar joist, composite bar joist and cold form steel trusses. Approximately half of this one-story building was designed for a future second floor. The project was completed in 2012.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Urban League of Broward County: Community Empowerment Center, Fort Lauderdale, Florida	2009	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Williams served as project manager and special inspector for this two-story building that was completed in May 2012. This multi-purpose facility has approximately 30,000 sq. ft. of floor area housing new offices for the Broward County Urban League, as well as large meeting rooms and training rooms. The building also includes a two-story space with allowance for future 2nd floor addition. This facility was constructed with tilt-up, composite steel floors, bar joist low roof and a cast-in-place concrete high roof. This project was completed in 2012.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	JAFCO – Respite & Residential Center, Sunrise, Florida	2010	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Williams is the project manager and threshold inspector for this project that includes a 33,000 sq. ft. two-story, multi-purpose facility constructed of steel framing at the roof, precast and cast-in-place concrete at the floors, and masonry bearing walls. In addition, there are three 5,500 sq. ft. one-story residential buildings constructed with a cast-in-place concrete roof using special Styrofoam formwork (a specialty formwork that stays in the building and provides insulation) and masonry bearing walls. There are also three auxiliary buildings and miscellaneous site structures constructed with concrete and masonry. This project was completed December 2013	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	City of Miramar Police Head Quarters Facility, Miramar, Florida	2013	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Williams is serving as the project manager for this four-story, 65,000 sq. ft., \$23 million facility designed to withstand extreme hurricane wind loads. The building exterior walls and framing are also designed to mitigate damage from explosive blasts and to prevent progressive collapse. This design-build project is currently under construction and is expected to be completed by February 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	SFRTA Pompano Beach Operations Building, Pompano Beach, Florida	2015	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Williams is the project manager for this project that includes an approximately 79,000 sq. ft. three-story, office building constructed of architectural precast, precast joists and soffit beams, and cast-in-place concrete columns, and masonry shear walls and miscellaneous bearing walls. This project is currently under construction.	<input checked="" type="checkbox"/> Check if project performed with current firm	

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Sri S.Sritharan, P.E.	Principal	28	17

15. FIRM NAME AND LOCATION (City and State)

S&F Engineers, Inc. – Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelor of Technology, Civil Engineering Indian Institute of Technology, 1988
Master of Science, Civil Engineering, Vanderbilt University, 1990

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

State of Florida, Professional Engineer, License #51133
State of Florida, Special Inspector, License # 2025
State of Georgia, Professional Engineer, License #20178

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

Member: American Society of Civil Engineers (ASCE), Structural Engineering Institute (SEI), Florida Structural Engineers Assoc. (FSEA), American Institute of Steel Construction (AISC).

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	City of Miramar Police Head Quarters Facility, Miramar, Florida	2013	2014-2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Sritharan is serving as the project engineer for this four-story, 65,000 sq. ft., \$23 million facility designed to withstand extreme hurricane wind loads. The building exterior walls and framing are also designed to mitigate damage from explosive blasts and to prevent progressive collapse. This design-build project is currently under construction and is expected to be completed by February 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Parkland West Fire Station, Parkland, Florida	2014-2015	2016-2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Sritharan performed the structural design and developed BIM model using Revit Structure for this project. The project involves a new fire station with 9,000 sq. ft. area and a 3,000-sq. ft. building for use by the building department. The structure consists of steel joists and wood truss framed roof supported by reinforced masonry walls.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Seminole Police Department, Hollywood, Florida	2004	2005
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The work under this project included interior remodeling to convert the old car dealership's show room into a police department office with holding cells and offices, addition of handicapped ramps and exterior wall alterations.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Broward County Courthouse, East Wing Wind Mitigation Fort Lauderdale, Florida	2010	1012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Sritharan served as the project manager for the nine-story building hardening project mostly funded by FEMA. The work included inspections and design for the replacement of all exterior glazing, louvers and skylights with new wind and impact resistant products. As part of the wind damage mitigation, designs for all roof top equipment tie-downs or bracing were included. The project funding came with rigid deadline for completion of all construction work. This required the design team to complete all site investigations, planning and construction document preparation on an expedited schedule. In addition to meeting the latest building codes requirements for hurricane winds, S&F designed and prepared design calculations in accordance with FM Global guidelines and won approval.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	South Regional Courthouse Parking Garage Repairs, Hollywood, Florida	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Sritharan provided inspection and temporary shoring design on an emergency basis after a steel bearing plate supporting 60 feet span concrete joist slipped, creating a dangerous condition. The temporary shoring allowed partial re-opening of the garage. S&F went on to provide design and inspection services for repairing all steel bearing plates and other structural cracks throughout the garage.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Michael Kroll, RLA, FASLA	13. ROLE IN THIS CONTRACT Principal-In-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 30
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Ft. Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture, Landscape Architecture Graduate Studies, Urban and Regional Planning		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL, Registered Landscape Architect TX, Registered Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) During his extensive career, Mr. Kroll, President of Miller Legg, has been actively involved in projects ranging from campus-wide educational facilities to international urban redevelopment projects. Mr. Kroll's diverse professional experience has led to projects that successfully integrate engineering, environmental, planning and landscape architectural services. Under his leadership, Miller Legg develops project solutions that respond to the natural environment, respect the social fabric and create sustainable aesthetic spaces.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
City of Coral Springs Municipal Complex Coral Springs, FL	2018	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal-In-Charge: Miller Legg provided assistance with the master planning phase of the new Coral Springs Municipal Complex development, which is part of a larger effort to redevelop the downtown section of Coral Springs. Services provided for this 5-story 74,000 SF City Hall building/4-story 607-space parking garage include: site civil engineering, survey, traffic (vehicular/pedestrian) and utilities infrastructure requirements, site permitting and overall project scope development. Site civil engineering support-related services concerned the surface water management system, canal reconfiguration, vehicular/pedestrian access/connectivity and parking improvements and cost estimates. Survey services comprised as-built design, cross-sections and various site design surveys. In addition, community-oriented programming and planning process including meeting attendance was provided. Miller Legg was a subconsultant to Song & Associates Architects.		
City of Weston Community Center Weston, FL		
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal-In-Charge/Project Manager: Miller Legg is providing survey, SUE, civil engineering and landscape architecture design services for the new City of Weston Community Center at Weston Regional Park as part of the Cartaya Architects team. The parcel is being redeveloped from land currently used for sports activities and passive green space. It will comprise an indoor facility of approx. 25,000 sf to accommodate office space and multi-purpose rooms. The planned outdoor facilities will total 6,400 sf, while site work beyond the building will include lawn seating, a 7,500 SF playground, parking and landscaping.		
City of Coral Gables War Memorial Youth Center Landscape & Engineering Coral Gables, FL	2017	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal-In-Charge/Project Manager: This City of Coral Gables 7-acre War Memorial Youth Center in Miami Dade County stands as a living memorial to the veterans of Coral Gables who risked their lives for the American way of life. The project improvements were to multi-purpose athletic fields and the Civic Plaza. As a subconsultant to MC Harry Associates, Miller Legg was responsible for the landscape architecture, civil engineering, design development, final construction documents, construction administration and permitting of the improvement program. Improvements included athletic field drainage, re-sodding and irrigation design.		
City of Hollywood Charnow Park Hollywood, FL	2006	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal-In-Charge: For this one-acre active park along the Hollywood Broadwalk, Miller Legg provided civil engineering, environmental permitting and construction observation services as a subconsultant to an architecture firm. Miller Legg was responsible for the paving, grading, drainage, water and sewer elements as well as environmental permits required for the renovations to the features of this active park including a water playground, regular playground, four picnic pavilions, torch lighting, and a decorative berm with hardscaping.		
Memorial Hospital Regional Joe DiMaggio Children's Hospital Pediatric Building Renovation Hollywood	2016	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal-In-Charge/Project Manager: Miller Legg prepared construction documents for the installation of a new fire sprinkler main to serve the Memorial Regional Hospital Joe DiMaggio Children's Hospital Pediatric Building in Hollywood. The firm also provided engineering design plans and permitting coordination with the City of Hollywood related to the project's potable water improvements.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Vanessa Ruiz, RLA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Ft. Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Arts, English Master of Landscape Architecture, Minor in Urban & Regional Planning		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL, FDOT Intermediate Maintenance of Traffic FL, Registered Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. Ruiz is a Registered Landscape Architect responsible for a variety of public and private landscape architectural design and planning projects including roadway landscaping and irrigation, active and passive park landscape design, residential and commercial projects, as well as master planning projects. She also has an extensive background in GIS data collection and conversion services.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) Memorial Regional Hospital Design Build (D/B) Parking Garage & Public Roadway Improvements Hollywood, FL	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Miller Legg provided site development design services for a new 7-story, 1,302-space parking garage located at Johnson Street and Garfield Street on the Memorial Regional Hospital campus in Hollywood. The parking garage included 570,330 SF of parking garage space, ground-floor retail, a courtyard, an auditorium, and hospital staff training room and offices. Associated off-site roadway and signal improvements were provided on Johnson Street along with roundabout modifications on Garfield Street at 35th Avenue. Specific services included: civil engineering, permitting, paving, drainage, water, sewer, traffic engineering, signalization, topographic survey, underground utility designations (SUE), landscape architecture, irrigation, and hardscape design, as well as construction observation. Miller Legg was a subconsultant to Zyscovich Architects and was on the Stiles/Thornton design/build team.		
b.	(1) Broward College (BC) Bailey Hall Civil & Landscape Architecture Improvements Davie, FL	2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Designer: Miller Legg was responsible for civil engineering and landscape architecture services associated with the revitalization of the pedestrian and landscape areas located adjacent to Broward College Davie Campus Buildings 3, 4, 5 & 6. The project began with the demolition of the existing concrete courtyard area and the installation of pavers between Buildings 3 and 4. Landscaping was also installed in and around those buildings to create an aesthetically pleasing walking environment. Civil engineering services provided include demolition, paving, grading and permitting. Landscape architecture services consisted of hardscape, landscape and irrigation.		
c.	(1) City of Miramar Roads Landscape Improvements Miramar, FL	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Designer: The City of Miramar desired landscape improvements to be performed on sections of Miramar Parkway, Miramar Boulevard and Red Road in addition to some smaller roadway locations. As a subconsultant to Rj Behar on this streetscape project, Miller Legg provided sustainable landscape architecture services as follows: data collection, site and tree inventories, conceptual planting and irrigation design, final planting and irrigation plans, tree permitting and coordination, opinion of probable cost, coordination meetings with the City of Miramar and with the affected community, construction administration and field reviews.		
d.	(1) City of Plantation Parks & Recreation Master Plan Plantation, FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Recreational Planner Miller Legg was selected to prepare the first Plantation Parks and Recreation Master Plan. The firm is providing comprehensive recreation planning based upon research of existing facilities and programs, recreation opportunities and needs analyses specific to City of Plantation demographics to develop programming, budget and operational needs for a 10-year horizon. Public Outreach to effectively gather and disseminate information during Plan development is an important focus of the project. Public workshops will assist in determining community recreation needs and desires. Recreation sites will be reviewed, along with future expansion opportunities to accommodate program requirements. The final Master Plan will include a 10-year capital improvement plan for the implementation of proposed Plan improvements.		
e.	(1) Broward College Central Campus Picnic Table Hardscape Master Plan Davie, FL	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Designer: This project includes planning services related to preparation of a Conceptual Hardscape Master Plan at the South Campus, adjacent to the Science Building, which identifies the locations and designs of hardscape landings for placing existing picnic tables. Miller Legg provided conceptual master planning and estimates of probable costs.		

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

12. NAME Raul Nevarez Gavela	13. ROLE IN THIS CONTRACT Landscape Designer	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION <i>(City and State)</i> Miller Legg, Ft. Lauderdale, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Landscape Architecture, Associates Degree, Architecture		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Nevarez Gavela is a Landscape Designer with public and private sector experience in highway and roadway landscaping and irrigation, urban parks and public spaces, as well as commercial and residential landscape design projects. He has technical expertise in AutoCAD, Microstation, LandFX.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a. (1) City of Weston Community Center Weston, FL		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Landscape Designer: Miller Legg is providing survey, SUE, civil engineering and landscape architecture design services for the new City of Weston Community Center at Weston Regional Park as part of the Cartaya Architects team. The parcel is being redeveloped from land currently used for sports activities and passive green space. It will comprise an indoor facility of approx. 25,000 SF to accommodate office space and multi-purpose rooms. The planned outdoor facilities will total 6,400 sf, while site work beyond the building will include lawn seating, a 7,500 SF playground, parking and landscaping.		
b. (1) Florida Atlantic University (FAU) Schmidt Family Complex Boca Raton, FL		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Landscape Designer: Miller Legg is providing engineering, survey / SUE and irrigation design services for Florida Atlantic University's (FAU) new Schmidt Family Complex. The project consists of the design and construction of a new academic and athletic program for the 166,000 sf complex state-of-the-art facility. Miller Legg is also providing boundary and topographic survey and subsurface utility engineering (SUE) location services, along with engineering design for utilities, pavement, signing and marking, drainage, ADA accessibility, irrigation, LEED assistance, grading, redevelopment, and road circulation solutions. Permitting services are also being provided, as well as bidding assistance, construction administration and certification services.		
c. (1) St. Paul the Apostle Community Center Expansion Lighthouse Point, FL		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Landscape Designer: Miller Legg was retained to provide site development services for a 2,500 sf addition to the existing Community Center at St. Paul the Apostle Church in Lighthouse Point. Among the landscape architecture tasks entailed are tree removal permitting, planting and irrigation design development and construction documents, and landscape construction observation. The civil engineering scope of work includes on-site engineering design and construction documentation, conceptual water management planning, bidding assistance and contract administration and construction observation. Government permitting is being coordinated for approval through BCHD, BCEPGMD, SFWMD and the City.		
d. (1) City of Miami Beach 19th St. Stormwater Pump Station		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Landscape Designer: Construction of this pump station is part of the overall plan for the City-wide stormwater improvement system to reduce flooding for residents of the Washington Avenue and Convention Center Drive neighborhood. Miller Legg is providing topographic surveying services, a survey of utility designation markings, and an as-built survey of constructed improvements on the 19th Street pump station, the associated parking area and the re-capping areas of the seawall.		
e. (1) Town of Lauderdale-By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements Lauderdale By-the-Sea, FL		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Irrigation Designer: Under the firm's Continuing Services Contract, Miller Legg is providing design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. to alleviate congestion along the parallel corridor of SR A1A in the Town of Lauderdale-By-The-Sea. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.		

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

12. NAME Raul Nevarez Gavela	13. ROLE IN THIS CONTRACT Landscape Designer	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (<i>City and State</i>) Miller Legg, Ft. Lauderdale, FL			
16. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) Master of Landscape Architecture, Associates Degree, Architecture		17. CURRENT PROFESSIONAL REGISTRATION (<i>STATE AND DISCIPLINE</i>)	
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) Mr. Nevarez Gavela is a Landscape Designer with public and private sector experience in highway and roadway landscaping and irrigation, urban parks and public spaces, as well as commercial and residential landscape design projects. He has technical expertise in AutoCAD, Microstation, LandFX.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>If Applicable</i>)
Las Olas Boulevard Improvements CM at Risk Fort Lauderdale, FL		
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Designer: Miller Legg is providing civil engineering, landscape architecture and constructability preconstruction phase services and document review services for the \$50 million Las Olas Boulevard Improvements project in Fort Lauderdale. The project is a partnership between the City of Ft. Lauderdale and the Beach Community Redevelopment Agency (CRA) that will create a new gateway to Ft. Lauderdale's Beaches. Miller Legg's services include project planning, constructability reviews, attending design and coordination meetings, cost estimating and value engineering. Assistance with the development of maintenance of traffic (MOT) plans for construction phasing is also part of the scope.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Oakland Park Parks & Recreation Master Plan Update Oakland Park, FL	2018	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Designer: Having prepared the original Recreation and Parks Master Plan for the City of Oakland Park in 2009, Miller Legg was retained by the City in 2015 to update this Plan. The scope of services involved site analyses of each park and community center, a recreational programming needs assessment based upon the current and anticipated City population, a proposed implementation plan with recommendations for recreational improvements including cost estimates and the application of updated census data to a map and exhibits format for comparison with the original Master Plan.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Miami Beach 20th Street & Sunset Drive Pocket Park Miami Beach, FL		
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Designer: Under our Continuing Services Contract with the City of Miami Beach, Miller Legg was awarded an assignment to provide survey, civil and geotechnical engineering and landscape architecture services for the design, permitting and construction of a new pocket park at 20th St and Sunset Drive. The firm is assisting with the planning of key program elements and will move to perform schematic design, design development, construction document, bidding and construction tasks. The design will incorporate Crime Prevention Through Environmental Design (CPTED) principles. Arborist and irrigation design services will also be furnished for this project.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of West Palm Beach 32nd/33rd St. Water Main Improvements West Palm Beach, FL		
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Designer: Miller Legg is providing engineering services for the design and bidding assistance of a 8" water main replacement project on 32nd Street and 33rd Street from Floral Avenue to N. Flagler Drive and on N. Flagler Drive from 32nd Street to 35th Street in the historic Northwood Shores district. The existing water mains are transit, undersized, and have reached the end of their useful life. The project is located approx. 6,850 ft. north of Palm Beach Lakes Blvd. on the west side of N. Flagler Drive. This project is being completed under the firm's multi-year City of West Palm Beach General Engineering Services contract.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Weston Community Center Weston, FL		
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Designer: Miller Legg is providing survey, SUE, civil engineering and landscape architecture design services for the new City of Weston Community Center at Weston Regional Park as part of the Cartaya Architects team. The parcel is being redeveloped from land currently used for sports activities and passive green space. It will comprise an indoor facility of approx. 25,000 sf to accommodate office space and multi-purpose rooms. The planned outdoor facilities will total 6,400 sf, while site work beyond the building will include lawn seating, a 7,500 sf playground, parking and landscaping.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Martin Rossi, PSM	13. ROLE IN THIS CONTRACT Senior Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 39	b. WITH CURRENT FIRM 33
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Ft. Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL, Registered Professional Surveyor & Mapper	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Rossi is a Senior Project Surveyor with more than three decades of surveying and subsurface utility engineering (SUE) experience. His principal areas of experience include surveys such as boundary, topographic, ALTA/ACSM land title surveys, quantity, environmental and wetland, condominium, construction layout, as-built, right-of-way, specific purpose and subdivisions and platting, as well as subsurface utility engineering (SUE). He currently manages the survey department and the survey field crews in South Florida.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
City of Coral Springs Municipal Complex Topographical Survey Coral Springs, FL	2015	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: In preparation for the development of the new City of Coral Springs Municipal Complex, Miller Legg was retained to prepare a topographic survey to incorporate previously surveyed portions of the property to show 50' elevations as well as storm and sanitary sewer inverts.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Coconut Creek Boundary Legal Description Update Coconut Creek, FL	2013	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Miller Legg reviewed the existing City boundary corporate legal description along with ordinance documents for 21 new parcels of land to be incorporated into the existing City limits. Miller Legg then revised the City's corporate legal description to accommodate the new parcels.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Pembroke Pines West Pines Soccer Park Pembroke Pines, FL	2013	2009
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Surveyor: A 56-acre active and passive municipal park located at 196th Avenue and Pines Boulevard in the City of Pembroke Pines. This unique park's features included four soccer fields and one football facility as well as providing other active park elements with passive park facilities such as a boardwalk and 21 acres of wetlands mitigation area. Services provided by Miller Legg included civil engineering, surveying, wetlands mitigation planning, assistance with grant writing, and mitigation construction observation. Permitting was coordinated with US Army Corps of Engineers, Broward County and South Florida Water Management District. Miller Legg worked in concert with several other consultants to deliver this project.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of West Palm Beach Congress Avenue Water Main Relocation West Palm Beach, FL	2018	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor: Miller Legg provided civil engineering, construction administration and surveying services for the City of West Palm Beach for the design and general contractor assistance of a water main relocation project on Congress Avenue at the City's "F" Canal. Relocation of the existing 10" water main was required to accommodate a Palm Beach County (County) Roadway Improvement project, which includes replacement of the existing Congress Avenue "F" Canal Bridge with a double 66" RCP culvert system. The existing 10" water main is attached to the underside of the existing bridge that will be demolished.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Memorial Hospital Pembroke Parking Improvements/Tree Inventory Pembroke Pines, FL	2015	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor: To improve significant drainage problems at the Memorial Healthcare System's Pembroke Hospital, Miller Legg provided engineering drainage studies and design services for the campus and the associated parking areas. This work included analyzing the drainage system, modeling the drainage system and developing designs for the improvement of the system to reduce flooding issues. The project also included resurfacing the parking areas and design of new curbing for improved drainage. These improvements were permitted through the City of Pembroke Pines, South Broward Drainage District and South Florida Water Management District. Additional services included: surveying, Subsurface Utility Engineering (SUE), maintenance of traffic for public and emergency vehicles, tree inventory and permitting and construction observation. Regarding the tree inventory and permitting, our Certified Arborists conducted a comprehensive tree inventory of all trees located with the footprint of the proposed multi-story parking garage. Data on over 400 trees were collected and associated attributes were identified. This contract was performed under our master engineer agreement with Memorial Healthcare System.	<input checked="" type="checkbox"/> Check if project performed with current firm	

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

12. NAME Karen Lynch, PSM	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 41	b. WITH CURRENT FIRM 36
15. FIRM NAME AND LOCATION <i>(City and State)</i> Miller Legg, Ft. Lauderdale, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Associates Degree, Liberal Arts		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL, Registered Professional Surveyor & Mapper	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ms. Lynch has extensive South Florida survey project management experience in a number of different public sector environments such as roadways and streetscapes, educational facilities, parks and recreation, and healthcare and medical office complexes. She also has wide-ranging experience in private sector surveying, including residential projects as well as commercial and industrial facilities.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if Applicable)</i>
a.	Memorial Hospital West Southwest Parking Garage Pembroke Pines, FL	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor: Miller Legg is providing site development design and permitting services for a six (6)-story, 1,477-space parking garage on the Memorial Hospital West campus in Pembroke Pines. Services include: survey, SUE, site planning, landscape architecture and irrigation, on-site water, sewer and drainage engineering, lighting, traffic engineering, arborist and construction administration services. Agencies involved include the City of Pembroke Pines, South Broward Drainage District, South Florida Water Management District, FDOT and Broward County. Prior to design work, a topographic survey and campus utility infrastructure were mapped and coordinated with the owner and architectural design team for this expansion project and the enabling infrastructure improvements for this project at this campus along Flamingo Road in Pembroke Pines.		
b.	City of Miami Little Havana Community Center Surveying Miami, FL	2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor: Miller Legg provided a boundary and topographic survey for the City of Miami of the Little Havana Community Center. Based on the legal description, the Miller Legg survey showed aboveground boundary encroachments and evidence of any utilities, interior improvements, the size and description of any trees over 3" caliper, flood zone information, the location and widths of rights-of-way and easements.		
c.	School Board of Broward County (SBBC) Twin Lakes Maintenance Site Diesel Tank #2 Oakland Park, FL	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor: The School Board of Broward County required an update of a topographic survey of a portion of its Oakland Park Twin Lakes Maintenance Site in order to show current conditions in the area of underground fuel tanks. Miller Legg had previous prepared a survey in 2006. Following this, Miller Legg also provided a sketch and description based on the topographic survey to identify the engineering control shown on the site map.		
d.	City of Oakland Park NE 12th Ave SUE Oakland Park, FL	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor Miller Legg provided subsurface utility engineering (SUE) services for the City of Oakland Park in the area of NE 12th Avenue from NE 38th Street south to Oakland Park Boulevard, in order to determine whether there were any utilities under the sidewalk. This project was assigned under the firm's Continuing Services contract with the City.		
e.	City of Miami Beach 19th St. Stormwater Pump Station		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor: Construction of this pump station is part of the overall plan for the City-wide stormwater improvement system to reduce flooding for residents of the Washington Avenue and Convention Center Drive neighborhood. Miller Legg is providing topographic surveying services, a survey of utility designation markings, and an as-built survey of constructed improvements on the 19th Street pump station, the associated parking area and the re-capping areas of the seawall.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Christopher W. Heggen, P.E.	13. ROLE IN THIS CONTRACT Transportation Engineering and Planning (Traffic/Operations/Circulation)	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc. West Palm Beach, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Civil Engineering / Georgia Institute of Technology Bachelor of Science / Civil Engineering / Georgia Institute of Technology		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 58636	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers (ITE)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Hollywood SR A1A Corridor Study Hollywood, FL	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for design of a new cross section for a portion of US 1 allowing for wider medians, improved sidewalk plantings, and extended medians to control access and improve safety. Worked with FDOT to designate this section of the road under their Transportation Design for Livable Communities (TDLC) program. The TDLC designation allows for a more advantageous horizontal clearance for larger trees to be planted closer to the curbs and paves the way for design speed of the corridor to be lowered to match the designated speed, allowing for a typical section to be approved with narrower drive lanes. Also presented traffic and crash data analysis to determine where medians could be extended throughout the corridor, allowing for more landscape space in medians and creating less crossing turning movements through the corridor for safety. Renderings of proposed development scenarios were worked through with City staff for use in upcoming public presentations. Contract value: \$74,886	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	SR A1A Complete Streets Design Hollywood, FL	2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for feasibility study incorporating Complete Streets elements in the corridor between Hollywood Blvd. and Sheridan St. The study considered alternatives including lane elimination and roadway reconfiguration. Coordinated extensively with FDOT D4 for design approvals. Roadway plans include a reduction of speed, improving safety for vehicles, pedestrians, and bicyclists; wider sidewalks, improved street furniture, landscaping, and signage. Provided traffic signal analyses, driveway access reviews, emergency vehicle access reviews, meetings and coordination, and permitting services. Designed real world mock ups of selected alternatives for sidewalk pavers and decorative street lights for the public's input. Contract Value: \$635,001	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Nevada Street Garage Hollywood, FL	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager performed traffic evaluations for the new 304-parking space public parking garage being constructed on the east side of SR A1A between Nevada Street and Nebraska Street. The evaluation included a review of different access driveway location options, impacts on operations of adjacent intersections, and analysis of modifications to Nebraska Street to accommodate traffic volumes during peak times without creating impacts to SR A1A. Firm fee: \$17,750	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Lake Worth Beach Redevelopment Lake Worth, FL	2010	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as project engineer. Kimley-Horn developed design criteria and site plan alternatives for a proposed redevelopment of its public beach. Proposed improvements included boardwalks, parking lots, roads, utility and drainage infrastructure, walkways, landscaping, street furnishings, pavilions, beach lockers, playground equipment, lighting, restrooms, and other site amenities. Our team also assisted the City in negotiating a new interlocal agreement with Palm Beach County to secure up to \$5 million in funding for the public improvements. Firm Fee: \$437,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Dania Point (formerly known as Dania LIVE) Dania Beach, FL	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as project engineer. Upon completion of its first two phases, the \$800-million, 102-acre Dania Pointe mixed-use project is expected to contain more than one million square feet of retail and restaurant space as well as Class A offices, 350 hotel rooms, luxury apartments, and public event space. Kimley-Horn is providing a wide variety of consulting services for this project including planning and entitlements; extensive civil engineering services; environmental services and remediation, including brownfield development; traffic modeling and simulation; FAA proximity and height permitting; landscape and hardscape architecture; and construction phase services. Phase I openings are expected to begin in early 2018. Phase II openings are anticipated for 2018 through 2019, with future phases into 2025.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Stewart E. Robertson, P.E.	13. ROLE IN THIS CONTRACT Transportation Engineering and Planning (Complete Streets/Bicycle/Transit/Ped)	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Civil Engineering / University of Kentucky Bachelor of Science / Civil Engineering / University of Kentucky		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 63939	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE), National Society of Professional Engineers (NSPE)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	(1) Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study, Hollywood, FL	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as project manager. Implementing complete streets solutions to achieve improved multimodal mobility and livability, including a "road diet" lane reduction to repurpose excess automobile capacity for bicyclist, pedestrian, and transit improvements. In addition, the complete streets approach established a transit-ready corridor for seamless integration of an anticipated tri-rail coastal link station along the Florida East Coast (FEC) Railroad. Total Contract Value: \$82,086	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) Hollywood/Pines Boulevard Congestion Management System (CMS) Multimodal Corridor Study, Broward County, FL	2004	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as project engineer. The Broward County Metropolitan Planning Organization (MPO) commissioned Kimley-Horn to perform the Hollywood/Pines Boulevard CMS (Congestion Management System) Multimodal Corridor Study to identify congestion management strategies for the corridor. Congestion management strategies are intended to improve the efficiency of a transportation corridor through improvements that encourage alternatives to the single occupant vehicle and promote better use of existing resources. Alternative modes of travel can include transit, carpooling, bicycling, and walking. Congestion management strategies can often be implemented at a lower cost than traditional roadway widening and can include technology-based solutions that increase the efficiency of existing roadway systems. Firm Fee: \$120,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) Broward MPO On-Call Planning Services (includes Complete Streets Guidelines), Broward County, FL	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as project manager. Kimley-Horn was selected in 2011 to provide on-call planning services for the Broward Metropolitan Planning Organization. For our first task under this contract, Kimley-Horn prepared Complete Street Guidelines to present standards and design guidance for planners, engineers, and maintenance officials to achieve a vision of implementing Complete Streets principles which aim to design streets for people of all ages, physical abilities, and travel modes. Kimley-Horn's next task will be a Five-Year corridor Management Plan Update for the SR A1A Scenic Highway Redesignation.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) Wiles Road Design from Riverside Drive to Rock Island Road Broward County, FL	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer created complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Dr. to Rock Island Rd. Coordinated with the County to tackle issues related to the narrow areas of the corridor, including a balance between traffic lane, sidewalk, and bike lane widths. This segment had grant funding from FDOT. Improvements included roadway design, Complete Streets design, drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination, permitting coordination with the City, and detailed traffic control plans. Project required extensive landscape plans and coordination to resolve issues related to private landscape encroachments into County right-of-way. Provided tree mitigation permit services and coordinated with both County and City forester. We incorporated the Broward Complete Streets guidelines on this project (also prepared by Kimley-Horn), which were endorsed by the Broward MPO. Total Contract Value: \$1,095,357	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) General On-Call Traffic Engineering Services Fort Lauderdale, FL	2008	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer providing general traffic engineering and transportation planning services as part of an on-call contract. Kimley-Horn serves as an extension of the City staff reviewing traffic impact studies and parking analyses. Duties have included peer review of traffic impact and parking studies, site plan review, and representation at public hearings. Additional projects have included development of a corridor study to support lane reductions along SR A1A and development of a Greenways Plan to complement multimodal transportation options within the corridor. Kimley-Horn has served as the Traffic and Transportation Planning Consultant for the City of Fort Lauderdale on a continuing basis since 2006, selected two separate times for five-year contracts. Firm Fee: \$400,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

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

12. NAME Traci-Anne Boyle, CIH, CSP, LAC	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION <i>(City and State)</i> AirQuest Environmental, Inc., Fort Lauderdale, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science, Biology Masters Business Administration		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Certified Industrial Hygienist Certified Safety Professional Florida Licensed Asbestos Consultant Florida Licensed Mold Assessor	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> merican Industrial Hygiene Association, American Conference of Governmental Industrial Hygienists, American Society of Testing Materials, oor Air Quality Association, OSHA Certified for Hazardous Waste Operations			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
FAA Air Route Traffic Control Centers Third Party Monitoring Throughout the United States	Ongoing	N/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 a. Certified Industrial Hygienist responsible for the oversight and management of field supervisors for abatement and remediation oversights for asbestos, lead, and mold at various FAA sites. Ms. Boyle attends any meetings, oversees scheduling and budgets, and reviews reports.		
Klamath Falls ARSR Asbestos Abatement Oversight Fort Lauderdale, Florida	2018	N/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 b. Ms. Boyle reviewed previous survey reports to create site specific abatement specifications. Ms. Boyle oversaw the management of contractors during the contracting activities of abatement contractors. She oversaw scheduling and budget, and reviewed reports. The project was valued at \$18,780.		
Florida's Turnpike Enterprise, Florida Department of Transportation (FDOT), Subcontract to Jacobs, Throughout Florida	2014	N/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 c. Ms. Boyle is the license holder and qualifier for asbestos consulting services and provided Senior Project Management for this contract. AirQuest was contracted to environmental surveys for approximately 440 buildings along FDOT roadways throughout the State of Florida. Based upon our performance on the initial project, AirQuest has been retained for continuing services.		
Veteran's Administration Medical Center Gainesville, Florida	2013	N/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 d. Certified Industrial Hygienist and Florida Licensed Asbestos Consultant responsible to conduct asbestos and lead based paint surveys of the 7,000 square foot renovation area. Designed specifications for the asbestos abatement. Managed the asbestos abatement oversight on behalf of the VA.		
Inland Buoy River/Construction Tender Asbestos & Lead Exposure Assessments Throughout the United States	Ongoing	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Contract Administrator for a sole source contract to conduct exposure assessments of damaged paint for lead and damaged and suspect materials for asbestos for 23 Coast Guard cutters a year. Ms. Boyle attends monthly meetings, oversees scheduling and budgets, and reviews reports. The five (5) year contract is valued at \$1,800,000.		

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

Paul LeBlanc	Senior Project Manager	a. TOTAL 17	b. WITH CURRENT FIRM 17
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15. FIRM NAME AND LOCATION *(City and State)*

AirQuest Environmental, Inc., Fort Lauderdale, Florida

16. EDUCATION *(Degree and Specialization)*17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

Florida Licensed Mold Assessor

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

AHERA Asbestos Building Inspector; AHERA Asbestos Contractor/Supervisor; EPA Lead Based Paint Inspector; EPA Lead Based Paint Risk Assessor; NIOSH 582; OSHA Health and Safety Certified for Hazardous Waste Operations

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Broward County Judicial Complex Fort Lauderdale, Florida	2010	N/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 a. Mr. LeBlanc served as the Project Manager and conducted field activities for a comprehensive asbestos survey for the 590,000 SF Broward County Judicial Complex. In support of operation and maintenance activities at the site, a 10,000 entry spreadsheet was compiled of the findings. The project was valued at \$48,000.00.		
Florida's Turnpike Enterprise, Florida Department of Transportation (FDOT) Throughout Florida	Ongoing	N/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 b. Mr. LeBlanc serves as the Project Manager for this contract, performing asbestos and lead based paint surveys for approximately 440 FDOT buildings along FDOT roadways throughout the State of Florida. In conjunction with the surveys, AirQuest conducted Indoor Air Quality screenings. The initial project was valued at over \$400,000. Based upon our performance, AirQuest has been retained for continuing services.		
Asbestos Release Emergency Response on a Cruise Ship Curacao, Netherland Antilles	2008	N/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 c. Mr. LeBlanc provided project management for an emergency response to an asbestos release aboard a passenger cruise ship that was in dry-dock undergoing renovations. Coordinated 100 asbestos abatement workers and asbestos consultants, along with other interested parties under intense time constraints. The project was successfully completed within eleven working days. Air monitoring and onboard asbestos consulting continued for an additional six weeks during renovation. Contract was valued at over \$450,000.00.		
Lead Based Paint Inspections in Single-Family Residences Miami Gardens, Florida	2015	N/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 d. Mr. LeBlanc was AirQuest's Lead Based Paint qualifier and served as the Project Manager, conducting lead based paint inspections, risk assessments and clearances for US HUD compliance for the City of Miami Gardens Community Block Grant. AirQuest completed approximately seventy-five (75) individual surveys with a total contract value of approximately \$24,000.00.		
Bureau of Land Management Rapides Parrish, Louisiana	2011	N/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 e. Provided project management and asbestos/lead/hazardous materials consulting for debris removal on approximately 150 acres of largely undeveloped land and swamp. The site was surveyed using all-terrain vehicles in a methodical search pattern. An inventory of the debris was completed and documented with photographs and on aerial maps. Samples of suspect asbestos containing materials were collected. The results of identification and samples were utilized by the abatement contractor to properly dispose of the illegally dumped debris and waste.		

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

12. NAME Raj Krishnasamy, P.E.	13. ROLE IN THIS CONTRACT Principal Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 19

15. FIRM NAME AND LOCATION *(City and State)*

TSF, West Palm Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

BS Civil Engineering, Christian Brothers University, 1987

MS Civil Engineering, University of Memphis, 1996

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Professional Engineer, Florida No. 53567

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer
Geotechnical Material Engineering Council, Past Chairman**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida	2017	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for several roadway improvements projects on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County. Reviewed the existing data from previous geotech studies. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pile Wall, Light Pole installation, and construction considerations. ✓ Completed on time ✓ Within budget.		
b.	Animal Care and Adoption Facility Broward County, Florida	2016	2016
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Krishnasamy was the principal in charge of the geotechnical engineering and construction material testing services for the new Animal Care Adoption Facility. The development included a 1-story, 44,000 square foot facility, masonry structure with an associated parking lot. Provided geotechnical recommendations regarding site preparation, foundation design, floor slab, utilities, construction excavation/dewatering, flexible pavement design and comments regarding factors that may impact construction and performance of the proposed construction. During construction, TSF provided Construction Materials Testing, Sampling and Laboratory Testing Services. TSF provided earthwork observations; roof pull test and De-mucking observation services. ✓ Completed on time ✓ Within budget		
c.	Hollywood North Beach Park- Mooring Fields, Hollywood, Florida	2018	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Krishnasamy was the principal in charge of the geotechnical exploration and evaluation of the subsurface conditions for the Hollywood North Beach Park-Mooring fields development located at North Beach Park just northwest of intersection of Sheridan Street and N Ocean Drive in Hollywood, Florida. Park improvements include a restroom and mooring fields. Provided a geotechnical report that outlined the testing procedures, described the site and subsurface conditions, and presented geotechnical recommendations for foundation design, foundation soil preparation requirements, Pavement recommendations, general site development and comments regarding factors that may impact construction and performance of the proposed construction. ✓ Completed on time ✓ Within budget		
d.	Terminal 25 Port Everglades Broward County, Florida	2018	2018
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Krishnasamy was the principal in charge of the geotechnical engineering, construction material testing and inspection services during construction for the Terminal 25 expansion project at Port Everglades, Florida. The construction included a 2-story expansion to Terminal 25, new site utilities, parking lot re-design, exterior canopies in parking lot, and a new access ramp/bridge to the Midport Parking Garage. Miscellaneous remodeling to the interior of terminal 25, including new roof are also included. ✓ Completed on time ✓ Within budget		
e.	City of Lauderhill Performing Arts Center and Library Lauderhill, Florida	2014	2014
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Mr. Krishnasamy was the principal in charge of the geotechnical exploration for the construction of the Performing Arts Center and Library, a 47,000 square feet facility. Field work included Standard Penetration Test (SPT) borings, auger borings, and Borehole Permeability (BHP) tests. Provided geotechnical recommendations for foundation design, construction excavation/dewatering, lateral earth pressure/retaining walls, pavement design, drilled shaft foundation for light poles, and general site development. During construction, TSF provided an inspector to observe the footing subgrade at the Orchestra Pit and provide recommendations. ✓ Completed on time ✓ Within budget		

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

12. NAME Kumar Vedula, P.E.	13. ROLE IN THIS CONTRACT Principal Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 13

15. FIRM NAME AND LOCATION *(City and State)*

TSF, West Palm Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

Bachelor of Engineering, Andhra University, India, 1992

MS Civil Engineering, University of Memphis, 1995

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Professional Engineer, Florida No. 54873

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

American Society of Civil Engineers, Past President

Augered Cast-in-Place and Driven Pre-stressed Concrete Pile Field Performance Comparison, Frizzi, R. P, & Vedula, R.V, Published in FHWA Resource Center, 83rd Annual Transportation Research Board Meeting, Washington D.C., January 2004**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Water Main Replacement, City of Hollywood, Florida	2016	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Vedula was the Principal Geotechnical Engineer for the subsurface exploration for the water main replacement in the City of Hollywood, Florida. The project area is within the boundaries of NW 72 nd Avenue, N 66 th Avenue, Charleston Street, and Taft Street. Field work consisted of Standard Penetration Test (SPT) borings and pavement cores. Upon completion of the field exploration, a geotechnical engineer evaluated the results and provided subsurface profile and pavement core data. ✓ Completed on time ✓ Within budget	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida	2017	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Vedula was the senior geotechnical engineer for several roadway improvements projects on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County. TSF reviewed the existing data from previous studies. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pile Wall, Light Pole installation, and construction considerations. ✓ Completed on time ✓ Within budget	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	City of Lauderhill Performing Arts Center and Library Lauderhill, Florida	2014	2014
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical exploration for the construction of the Performing Arts Center and Library, a 47,000 square feet facility. Field work included SPT borings, auger borings, and Borehole Permeability (BHP) tests. Provided geotechnical recommendations for foundation design, construction excavation/dewatering, lateral earth pressure/retaining walls, pavement design, drilled shaft foundation for light poles, and general site development. During construction, TSF provided an inspector to observe the footing subgrade at the Orchestra Pit and provide recommendations. ✓ Completed on time ✓ Within budget	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Animal Care and Adoption Facility Broward County, Florida	2016	2016
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for the new Animal Care Adoption Facility. The development includes a 1-story, 44,000 square foot facility, masonry structure with an associated parking lot. Provided geotechnical recommendations regarding site preparation, foundation design, floor slab, utilities, construction excavation/dewatering, flexible pavement design and comments regarding factors that may impact construction and performance of the proposed construction. During construction, TSF provided Construction Materials Testing, Sampling and Laboratory Testing Services. TSF provided earthwork observations; roof pull test and De-mucking observation services. ✓ Completed on time ✓ Within budget	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Hollywood North Beach Park- Mooring Fields, Hollywood, Florida	2018	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for the Hollywood North Beach Park-Mooring fields development. Park improvements include a restroom and mooring fields. Provided a geotechnical report that outlined the testing procedures, described the site and subsurface conditions, and presented geotechnical recommendations for foundation design, foundation soil preparation requirements, Pavement recommendations, general site development and comments regarding factors that may impact construction and performance of the proposed construction. ✓ Completed on time ✓ Within budget	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jon-Eric Macias, RRC, RRO, RCI	13. ROLE IN THIS CONTRACT Roofing/Waterproofing Consultant – Principal in Charge/Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 27

15. FIRM NAME AND LOCATION (City and State)
Construction Moisture Consulting, Inc. (Tampa, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION)
N/A

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

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

Over thirty five (35) years' experience in the engineering/architectural field as well as the construction of residential, commercial, industrial and institutional buildings throughout the continental United States, Hawaii, the Caribbean Islands, Mexico and South America. Specialized experience and expertise have focused on the prevention of moisture intrusion through the complete building envelope as related to roofing, below-grade waterproofing, plaza waterproofing, glazing, exterior wall assemblies, curtain walls, exterior insulation and finish system (EIFS), architectural sheet metal, building sealants, building expansion joints, etc. and their inter-relationships. Responsibilities have included AAMA/ASTM in-situ and mockup testing, forensic analysis, construction auditing, design and specification writing for roof and building envelope waterproofing, design and specification review, project management/owner representative, management of QA personnel, review of technically written reports, quality assurance inspections, production of technical specifications and architectural detailing requirements, and expert witness testimony for construction litigation. Clientele has included large commercial building owners, asset and property managers, architects, engineers, school boards, universities, governmental authorities, international airport authorities, hospitals, general contractors, insurance companies and attorneys.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Florida Hospital Tampa Expansion Project (Tampa, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) 2020 (Estimated)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal in Charge – Provided design reviews and construction administration services including field observations and technical reporting for Owner. New construction.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) Orlando International Airport – BP-447 - Ticketing Level Modernization, A and B Sides Landside Terminal Building (Orlando, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016 - 2018	CONSTRUCTION (If applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal in Charge – Conducted technical design reviews for GOAA Technical Review Team (TRT). Provided onsite construction observation inspections and reporting for all aspects of building envelope construction including glazed aluminum curtain walls, metal wall panels, fluid-applied air/moisture barriers, concrete deck waterproofing, expansion joint assemblies and modified bitumen roofing assemblies. Responsibility further included conducting water testing on new glazed aluminum curtain wall assemblies.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) Caguas Army Reserve Center, New Assembly Hall and Training Center (San Juan, Puerto Rico)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal Consultant for roofing and building envelope waterproofing. Services included technical design review and conduct site observations and reporting throughout renovation construction. Estimated construction cost \$12.5 Million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) NASA Headquarters Central Campus (Kennedy Space Center, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015 - 2016	CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal Consultant for below grade waterproofing. Services included submittal reviews and conduct site observations and reporting. Estimated construction cost \$65 Million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) Celebration Nursing & Rehabilitation Center (Celebration, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) 2019 (Estimated)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal in Charge – Provided design reviews and construction administration services including field observations and technical reporting for Owner. New construction.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Keith Emery, President	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 53	b. WITH CURRENT FIRM 42

15. FIRM NAME AND LOCATION (City and State)
CMS-Construction Management Services, Inc. – Deerfield Beach, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)
Bachelor's in Civil Engineering and Construction Management / Higher National Certificate in Quantity Surveying/Estimating – University of Lancashire, London, England

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

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

◆ Certified Contractor Instructor for Department of Transportation ◆ Life Member of Organization of Chartered Quantity Surveyors (London, England) ◆ Past Commission of Deerfield Beach Housing Authority ◆ Past Director of Deerfield Beach Chamber of Commerce ◆ Past Director of Pompano Beach Chamber of Commerce

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	City of Fort Lauderdale - South Side School Restoration Fort Lauderdale, FL	2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Description: The facility and school site will be restored for the purpose of promoting its re-establishment and operation as an historic, educational and social center, highlighting and providing a public forum for the cultural art for the community. The building will have dedicated spaces for art and ceramics studios, computer classrooms, music classrooms, a fitness studio, a dance studio, a recital room, culinary classroom and an outdoor stage and amphitheatre. Size: Project Site = 2,500 SF; Building Size = 11,492 SF Cost: \$2,165,353.00 Specific Role: Construction Documents Cost Estimating		
b.	Sullivan Park Improvements Deerfield Beach, FL	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Description: The park is to be expanded and redeveloped by the Community Redevelopment Agency of Deerfield Beach. The redevelopment will include boat slips for transient boats, floating docks for canoes and kayaks, pedestrian boardwalk along the water's edge connecting to the Cove Shopping Center, and the creation of a pleasant park space. Size Site Work = 130,519 SF; Restroom Building = 1,520 SF Cost: \$4,672,410.00 Specific Role: Construction Documents Cost Estimating		
c.	City of Coral Springs – Westside Maintenance Facility Coral Springs, FL	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Description: Construction of a new Vehicle Maintenance Facility with Central Storages/Offices and Parking Lot Size: Phase 1 – Central Stores/Offices = Size = 17,741 SF; Phase 2 – Vehicle Maintenance Facility Size = 16,900 SF; Parking Lot = 27,345 SF Cost: Maintenance Facility = \$4,506,840.00; Central Storages/Offices = \$2,724,852.00; Parking Lot = \$728,000.00 Scope of Work: Order of Magnitude Cost Estimating		
d.	City of Homestead – Seminole Theatre Homestead, FL	2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Description: Interior restoration of the 1921 Theatre that will eventually become a Performing Arts Center Size: 22,795 SF Cost of Project: \$6,039,035.00 Scope of Work: Design Development Cost Estimating		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

	(1) TITLE AND LOCATION (City and State) City of Fort Lauderdale – Fort Lauderdale Beach Streetscape Improvements Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicat N/A
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Streetscape improvements to various streets (SR AIA, Banyan, Poinsettia, and Sebastian) including irrigation, landscaping, sidewalks, curbs, lighting, street paving & striping, street signage, and wave wall <u>Size:</u> Approx. 5 Acres <u>Cost:</u> \$11,136,008.00 <u>Scope of Work:</u> Conceptual Order of Magnitude Cost Estimating	<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) City of Fort Lauderdale – Las Olas Boulevard Corridor Improvements Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicat N/A
f.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Redevelopment of Las Olas Corridor from Ft. Lauderdale Beach Intracoastal to SRA1A; includes parking garages with roof garden areas, lots, landscaping, sidewalk renovation, site amenities, parks, promenades <u>Size:</u> Option 1: Parking Garage North = 188,542 SF = \$68,312,471.00; Option 2: Parking Garage South = 161,076 SF = \$57,850,073.00 <u>Cost:</u> \$48,759,555.00 (Parking Garage Facility downsized to one (1), five-story Garage Facility) <u>Scope of Work:</u> Order of Magnitude/Construction Documents Cost Estimating	<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) City of Fort Lauderdale – Fire Rescue Station No. 8 Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicat N/A
g.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Construction of a new Fire Station <u>Size:</u> Project Site Size = 43,961 SF; New Building Size = 10,611 SF <u>Cost:</u> \$4,914,383.00 <u>Scope of Work:</u> Design Development/Construction Documents Cost Estimating	<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) City of Fort Lauderdale – Fire Station #54 Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicat N/A
h.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Construction of a new Fire Station <u>Size:</u> Project Site Size = 8,649 SF; New Building Size = 10,403 SF <u>Cost:</u> \$4,678,533.00 <u>Scope of Work:</u> Construction Documents Cost Estimating	<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) City of Miami Beach – Lincoln Road District Master Plan – Infrastructure & Pedestrian Improvement Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicat N/A
i.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Demolition/Reconstruction of a Pedestrian Promenade in retail district <u>Cost:</u> \$51,086,510.00 <u>Scope of Work:</u> Order of Magnitude / Schematic Design / Design Development Cost Estimating	<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) Town of Cutler Bay – Town Center Plaza Cutler Bay, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicat N/A
j.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Development of Park Area including Parking Lot with Pedestrian Crossing, Shelter, Fitness Stations with Shade Structure, Event Lawn, Monument Sign, Outdoor Covered Stage, Restroom Building, Skate Park, Water Feature, Landscaping, Irrigation, Bike Racks, Site Lighting, Drinking Fountain, Concrete Benches, Main Promenade Plaza <u>Size:</u> 3 Acres <u>Cost:</u> \$13,908,381.00 <u>Specific Role:</u> Conceptual Cost Estimating	<input checked="" type="checkbox"/> Check if project performed with current firm	

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

12. NAME: Huntley Higgins, PE, PMP	13. ROLE IN THIS CONTRACT: Project Manager - Civil Scope	14. YEARS EXPERIENCE	
		a. TOTAL: 24	b. WITH CURRENT FIRM: 13
15. FIRM NAME AND LOCATION <i>(City and State)</i> : EAC Consulting, Inc. – 5100 NW 33rd Avenue, Suite 243, Fort Lauderdale, FL 33309			
16. EDUCATION <i>(Degree and Specialization)</i> : 2001 Master of Applied Science in Civil/Environmental Engineering - University of Toronto 1995 Bachelor of Science in Civil Engineering- University of the West Indies, Trinidad		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> : Professional Engineer: Florida 60726	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> : Project Management Professional (PMP)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	YEARS COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION
a.	441 Corridor Septic to Sewer Project – Taft Street to Hollywood Blvd and FL Turnpike to N. 56 Avenue - City of Hollywood, Hollywood FL	2019	ONGOING
	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Client Service and Project Manager responsible for the design, permitting and bid & award services for the installation of over 55,000 LF of 8" and 12" (PVC SDR-26) sanitary sewer gravity mains and approximately 65,000 LF of 6" (PVC SDR-26) sanitary sewer laterals. The improvements provided connections for approximately 1,200 residential and commercial properties to new sewer collection system that routed sewage flow to two existing pump stations (W-13 and W-23). In addition to permitting with Broward County and the FDEP, the project also included roadway reconstruction, pavement milling, resurfacing, pavement markings, and signage. [X] Check if project performed with current firm		
b.	Water Main Replacement Project and Reuse Main Project - City of Hollywood, Hollywood FL	2017	TBD
	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Client Service and Senior Project Manager responsible for the design, permitting, bid & award and construction administration services for water main replacements and service connections. The improvements involve relocation of the existing water meters from back to the front of houses, new service connections, upsizing 6 inch and 8 inch pipes to 8 inch and 12 inch PVC (C-900) pipes respectively for a total of 110,957 linear feet. The scope also includes design, permitting, bid and award and construction services for 12-inch Reuse Main for N 64 Avenue from Taft Street to Johnson Street and Johnson Street from N 66 Avenue to Route 441. The total length of reuse main to be installed in this project is 6,600 feet. The project involves coordination with the City for future connections, compliance with jurisdictional agencies and fire safety requirements for the installation of hydrant within residential area. [X] Check if project performed with current firm		
c.	Dixie Corridor Septic to Sewer Lift Stations – City of Hollywood, Hollywood, FL	2013	2014
	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Project Manager and Senior Civil Engineer responsible for the design, permitting and construction administration services for four sewer lift stations in the City of Hollywood (W-08, W-09, W-10 and E-22). One of the lift stations was a complete replacement design for an existing station and the other two were new lift stations that are being added to their network. The project has an estimated construction cost of approximately \$1.3 Million. The goal of the project was to allow residential and commercial properties to disconnect from their septic tanks and connect to sewer treatment systems thereby reducing environmental impacts. [X] Check if project performed with current firm		
d.	8-inch Distribution Piping Upgrade (N 56 Ave, from Douglas St. to Stirling Road to N 58 Avenue) - City of Hollywood, Hollywood, FL	2010	2012
	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Project Manager and Engineer of Record for the design of approximately 5,000 LF of 8-inch DIP water main within the City of Hollywood. The project limits are from the intersection of N 56 th Avenue and Douglas Street, north to Douglas Street and Stirling Road and west to N 58 th Avenue and Stirling Road. The project impacted both the City's and FDOT's right of way and as such, designing to both entities' standards was required as well as permitting with both agencies. Services also included Bid and Award Recommendations as well as Construction Administration services including project close-out. The construction costs associated with this project was \$930,000.00. The goal of the project was to increase flow and pressure within the City's distribution system to enhance potable service and firefighting capabilities. [X] Check if project performed with current firm		
e.	Broward County Parks Department – Miscellaneous Site Services for various Parks, Broward, FL	2003	2008
	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Project Civil Engineer responsible for land development designs for several parks within County. Land development services included providing water, sewer and drainage for several basketball courts, maintenance buildings and pavilions. The parks include the following: Tree Tops Park, TY Park, CB Smith Park, Tradewinds North, Tradewinds South, Markham Park, Oswald Park, and Franklin Park. [X] Check if project performed with current firm		

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

12. NAME: Evelyn L. Rodriguez, P.E.	13. ROLE IN THIS CONTRACT: Project Engineer- Civil Scope	14. YEARS EXPERIENCE	
		a. TOTAL: 8	b. WITH CURRENT FIRM: 8

15. FIRM NAME AND LOCATION (City and State): **EAC EAC Consulting, Inc. – 5900 Blue Lagoon Drive, Miami, FL 33126**

16. EDUCATION (Degree and Specialization):

2010-Bachelor of Science in Civil Engineering

Florida International University

2013-Masters of Science in Engineering Management

Florida International University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Professional Engineer: Florida - 78548


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

Member of American Society of Civil Engineers, ASCE Broward Branch - Project of the Year 2016

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	YEARS COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION
a.	Dixie Corridor Septic to Sewer Lift Stations – City of Hollywood, Hollywood, FL	2013	2014
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Civil Designer responsible for the design, permitting and construction administration services for four sewer lift stations in the City of Hollywood (W-08, W-09, W-10 and E-22). One of the lift stations was a complete replacement design for an existing station and the other two were new lift stations that are being added to their network. The project has an estimated construction cost of approximately \$1.3 Million. The goal of the project was to allow residential and commercial properties to disconnect from their septic tanks and connect to sewer treatment systems thereby reducing environmental impacts.		
b.	Watermain Replacement Program- 72nd Avenue to 76th Avenue from Polk Street to Johnson Street – City of Hollywood; Hollywood, FL	2011	2012
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Civil designer responsible for the design of an 8-inch watermain replacements and service lines connections between Johnson Street to the north, Polk Street to the south, N.72 Avenue to the east and N. 76th Avenue to the west within public right of way. The project includes water meter relocations from the back to the front of each property, upgrading existing hydrants and designing additional hydrants, new service line connections, pavement restoration, signage and stripping, technical specifications and Engineer's probable cost of construction.		
c.	Watermain Replacement Program- Johnson Street to Taft Street from N 66th Avenue to N 76 Terrace – City of Hollywood; Hollywood, FL	2013	2014
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer responsible for the design of an 8-inch watermain replacements and service lines connection between Johnson Street (excluding segment between NW 72nd Avenue and N. 76th Terrace) to Taft Street (excluding segment between NW 72nd Avenue and NW 66th Avenue) from N 66th Avenue to N 76 Terrace within public right of way. These improvements are necessary due to the age, frequent repairs and material of the existing pipes. The estimated total length of water mains to be installed in this project is 76,800 feet. In addition, the relocation of the existing meter from back to the front of houses (behind the sidewalk) as well as compliance with jurisdictional agencies and fire safety requirements. The project will also include pavement resurfacing, marking and signage, technical specifications and Engineer's probable cost of construction.		
d.	Cybrary – DLR Group; City of Homestead, FL	2018	TBD
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer of Record for providing professional engineering design services for the preparation of construction documents for the Cybrary development. It consists of a 3-story library with a future retail space on the first level and a future coffee shop located at the intersection of W Mowry Drive and SW 1st Avenue, Homestead, Florida. Project includes infrastructure elements such as services.		

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

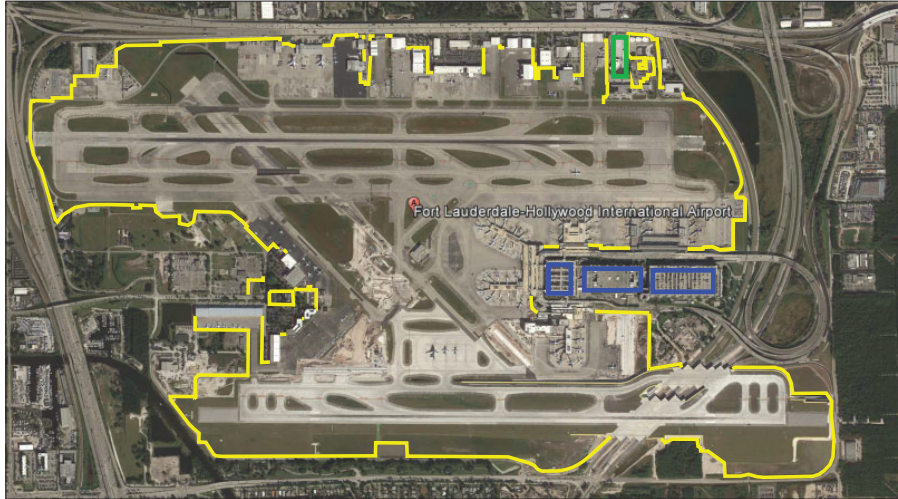
12. NAME: Daniel Giraldo, E.I.		13. ROLE IN THIS CONTRACT: Engineer Intern - Civil Scope		14. YEARS EXPERIENCE	
				a. TOTAL: 1	b. WITH CURRENT FIRM: 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> :  EAC Consulting, Inc. – 5900 Blue Lagoon Drive, Miami, FL 33126					
16. EDUCATION <i>(Degree and Specialization)</i> : 2017 Bachelor of Science in Civil Engineering – Florida International University			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> : FL Engineering Intern		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> : Member of American Society of Civil Engineers and American Society of Civil Engineers					
19. RELEVANT PROJECTS					
	(1) TITLE AND LOCATION <i>(City and State)</i> 441 Corridor Septic to Sewer Project – Taft Street to Hollywood Blvd and FL Turnpike to N. 56 Avenue - City of Hollywood, Hollywood FL			YEARS COMPLETED	
				PROFESSIONAL SERVICES 2019	CONSTRUCTION ONGOING
a.	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Client Service and Project Manager responsible for the design, permitting and bid & award services for the installation of over 55,000 LF of 8" and 12" (PVC SDR-26) sanitary sewer gravity mains and approximately 65,000 LF of 6" (PVC SDR-26) sanitary sewer laterals. The improvements provided connections for approximately 1,200 residential and commercial properties to new sewer collection system that routed sewage flow to two existing pump stations (W-13 and W-23). In addition to permitting with Broward County and the FDEP, the project also included roadway reconstruction, pavement milling, resurfacing, pavement markings, and signage.			<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i> No Name Key Culvert Replacement Project - City of Hollywood Department of Public Utilities; Hollywood, FL			YEARS COMPLETED	
				PROFESSIONAL SERVICES 2018	CONSTRUCTION TBD
b.	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Engineer Intern responsible for the production, permitting, and opinion of probable cost for the removal and replacement of approximately 70 linear feet of 36" Culvert. The project is located in No Name Key, Monroe County at the intersection of State Road 4a and Bahia Shores Rd.			<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i> Water Main Replacement Program - City of Hollywood Department of Public Utilities; Hollywood, FL			YEARS COMPLETED	
				PROFESSIONAL SERVICES 2017	CONSTRUCTION TBD
c.	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Engineer Intern responsible for the production and design, permitting, bid and award and construction administration services of approximately 57,600 linear feet of water main, water service re-conversions, and the addition of fire hydrants. The project boundaries are from Johnson St to Taft St from N 56th Ave to FL Turnpike and Between Hollywood Blvd to Johnson St from SR7 to FL Turnpike. Among other, existing asbestos pipe replacement was of critical importance in the project. The project also included utility trench restoration, pavement milling and resurfacing, marking and signage.			<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i> Palmer Park Site & Parking Lot Improvements – City of South Miami			YEARS COMPLETED	
				PROFESSIONAL SERVICES 2018	CONSTRUCTION TBD
d.	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Engineer Intern responsible for assisting with the design of the reconstruction of Palmer Park's south & east parking lot and installation of new exfiltration trench system to attenuate existing flooding. Palmer Park is located at 6100 SW 67th Ave in Miami-Dade County. The Park's entrance to the baseball fields floods due to clay erosion and deficiency of drainage infrastructure. The design considers existing historical flow from adjacent properties contributing to runoff accumulation during storm events and provides erosion control solutions.			<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i> Georgian Gardens – The Related Group; West Palm Beach, FL			YEARS COMPLETED	
				PROFESSIONAL SERVICES 2018	CONSTRUCTION TBD
e.	(3) BRIEF DESCRIPTION <i>(Brief Scope, Size, Cost, etc.)</i> AND SPECIFIC ROLE Engineer Intern responsible for production of the design services for preparation of construction documents for the Georgian Gardens development. It consists of a proposed 85 units, 4-story building for elderly residents. This building will be located at 4330 Community Drive, West Palm Beach, Florida. The project included site layout, water distribution, sewerage collection, paving, grading, pavement markings, offsite roadway permitting and approvals.			<input checked="" type="checkbox"/> Check if project performed with current firm	

SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 1
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21. TITLE AND LOCATION (City and State) Professional Consultant Services, Building Projects at Fort Lauderdale-Hollywood International Airport (FLL) & North Perry Airport (HWO) Fort Lauderdale, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable) On-Going

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County Aviation Department	b. POINT OF CONTACT NAME Marc Gambrill	c. POINT OF CONTACT TELEPHONE NUMBER (954) 359-2343

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



Cartaya and Associates is providing architectural services for Broward County Aviation Department as part of a continuing services contract. Services include pre-design, programming, design, construction administration and resident project representative services for new building construction and modifications, alterations and improvements to existing buildings, structures, offices and accessory buildings that are landside and airside at the airports. Projects include:

- Building Renovations for BSO Offices
- Perimeter Security Enhancements (FLL)
- Security Enhancement, Access Control & CCTV (HWO)
- Palm/Hibiscus/Cypress Garage Enhancements
- EOC Build-Out
- FLL Masterplan Peer Review
- Cabot Lobby Security Improvements
- Terminal 1 Concourse B Post Hurricane Irma Condition Assessments Evaluation
- Terminal 1, Terminal 4, Airport Security Building and G&G Building Re-Roofing
- Airport Security Building Renovation
- Terminal Connector Bridges
- Noise Mitigation IFR
- Terminal Crosswalks Upgrade
- Roadway Repairs

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

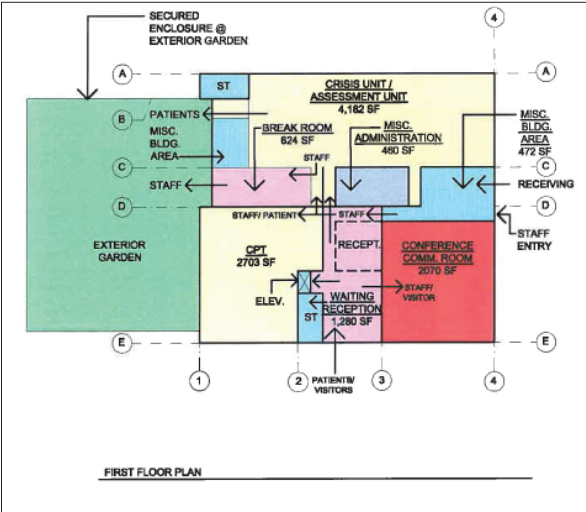
a.	(1) FIRM NAME Cartaya & Associates Architects	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Architecture
b.	(1) FIRM NAME Miller Legg	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Site Investigations?Civil Engineering
c.	(1) FIRM NAME AirQuest Environmental	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Environmental Studies & Mitigations
d.	(1) FIRM NAME Tierra South Florida	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Geotechnical Engineering/Inspections
e.	(1) FIRM NAME CMS - Construction Management Services	(2) FIRM LOCATION (City and State) Deerfield Beach, Florida	(3) ROLE Cost Estimating

SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 2
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21. TITLE AND LOCATION (City and State) Broward County Work of a Specified Nature Broward County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2016	-

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Ariadna Musarra	c. POINT OF CONTACT TELEPHONE NUMBER (954) 357-6473

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



Our contract with Broward County consisted of a number of projects where we have provided programming services. We have met with County Officials to identify requirements for different departments and then provided a listing of the departments and square footages for each function. In some of these projects we followed up with space diagrams and for others we have continued our work and provided floor plan layouts based on space requirements. Some of the projects under this contract included:

- 27th Street Renderings
- Broward County Supervisor of Elections Facility (SOE) Submittal Review
- Go Solar Program - Various Architectural Services
- Broward Addiction Recovery Center (BARC) Programming and Renovations
- BARC Central Public Relations
- Broward County Supervisor of Elections Facility (SOE) Programming Services
- Broward County South Animal Care Survey
- Ravenswood Bus Maintenance Facility Peer Review for Renovations and an Addition
- Broward County Sexual Assault Treatment Center (SATC) Programming and Renovations
- Bailey Road Improvements
- Port Everglades Terminals No. 2, 19, 21 Improvements
- BB&T Center Condition Assessment

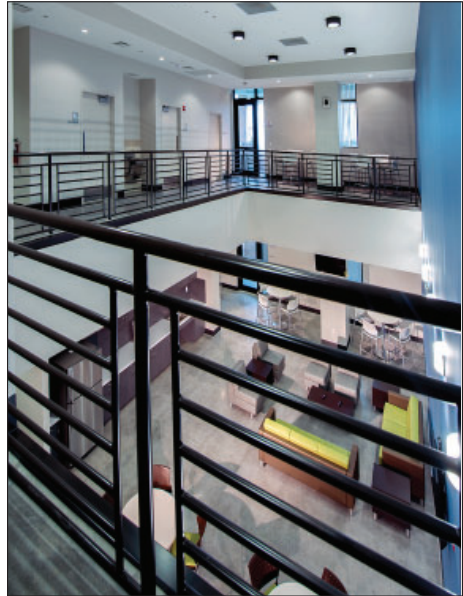
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Cartaya & Associates Architects	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Architecture
b.	(1) FIRM NAME AirQuest Environmental	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Environmental Engineering

SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 3
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21. TITLE AND LOCATION (City and State) City of Miramar Police Headquarters Miramar, Florida		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
		2016	2016

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Luisa Millan	c. POINT OF CONTACT TELEPHONE NUMBER (954) 602-3316

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



The City of Miramar Police Headquarters and retail area is a part of the Miramar Town Center Master Plans as designed by our firm. This facility is a three story wrap around structure surrounding the Town Center Parking Garage. The building's Mediterranean style inspired exterior design compliments the Miramar City Hall and Cultural Arts Center buildings, also designed by our firm.

The first level of this 80,000 SF building consists of a pedestrian friendly retail area with an arch covered exterior sidewalk facing City Hall Promenade and the pedestrian/automobile entrance to the building.

The second and third floor houses the City's Police Department including a sally port entry, holding areas, offices, conference rooms and investigative facilities. This secure building is designed to be bullet-proof inside and outside and withstand Category 5 hurricane events. This facility is LEED Gold Certified and includes a radio room, media center/communications, storage, back up power, and restrooms.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Cartaya & Associates Architects	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Architecture
b.	(1) FIRM NAME EAC	(2) FIRM LOCATION <i>(City and State)</i> Miami, Florida	(3) ROLE Civil Engineering
c.	(1) FIRM NAME S&F	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Structural Engineering

SF330	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 4
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21. TITLE AND LOCATION (City and State) Energy Efficiency Team Center City of Plantation, Florida		22. YEAR COMPLETED				
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES</td> <td style="width:50%;">CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;">2013</td> <td style="text-align: center;">2013</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2013	2013
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2013	2013					

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Plantation	b. POINT OF CONTACT NAME Danny Ezzeddine	c. POINT OF CONTACT TELEPHONE NUMBER (954)797-2256

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



The Energy Efficiency Team Center, is located in the City of Plantation, Florida. The site was previously an existing 8,200 SF administrative building and water treatment plant. The city's vision of this project was to demolish a portion of the existing structure and renovate the interiors, as well as include an addition of 3,596 SF to accommodate the city's growing administrative needs. The new EETC is 11,796 SF divided into 2 floors. A 5,898 SF first floor, comprised of separate public and staff entrances, electrical room, and storage areas. The second floor is similar to the first, a 5,898 SF split level plan. The lower level hosts the waiting and reception areas, general office space, break room, 4 private staff offices, copy/plan room and large IT data center (boasting its own climate control system). The upper level of the second floor hosts a large conference area and staff lounge. Elevators and stair core provide vertical circulation to all three level changes of the floor plan.

Designed to be a model of sustainability and efficiency, the building will provide 80% of its own power requirement via a flexible lightweight laminated photovoltaic solar collection system. By leveraging the surface area of the entire roof, these photovoltaic cells and attached inverter will power interior and exterior LED lighting with photo sensors and dimmers to minimize electrical requirements. North facing windows allow natural daylight to flood the interiors reducing power consumption while the 22 SEER humidity controlled high efficiency A/C unit (divided into multiple zones) add to the comfort of the workspace. To maximize sustainability the roof is designed around a water reclamation system that diverts captured rainwater into (2) 1500 GL underground cisterns. These cisterns provide water closets and urinals with reclaimed water in lieu of using potable water. Any remaining rain water will be redistributed for use in the irrigation of the property's lush landscapes. These trees and plantings will provide a vibrant and beautiful backdrop for the open greenspace that both the public and staff of the city will enjoy.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Cartaya & Associates Architects	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Architecture
b.	(1) FIRM NAME Kimley Horn	(2) FIRM LOCATION <i>(City and State)</i> Plantation, FL	(3) ROLE Civil/Traffic Engineering
c.	(1) FIRM NAME CMS - Construction Management Services	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, Florida	(3) ROLE Cost Estimating

SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 5
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21. TITLE AND LOCATION (City and State) Broward County Judicial Complex & Civic Plaza Fort Lauderdale, Florida		22. YEAR COMPLETED				
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">PROFESSIONAL SERVICES</td> <td style="width:50%; text-align: center;">CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;">2016</td> <td style="text-align: center;">2016 (Phase I)</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2016	2016 (Phase I)
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2016	2016 (Phase I)					

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Steve Hammond	c. POINT OF CONTACT TELEPHONE NUMBER (954) 357-7762

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



This multi-phased Broward County Judicial Complex project consists of a new 20-story high courthouse building with 730,000 SF to accommodate the needs of the County court system; a renovated administration building which includes County and Judicial offices; a new 497 space, six-level Judicial Parking Garage; and a Civic Plaza/Linear Park.

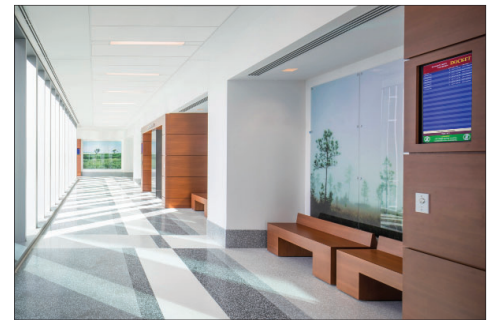
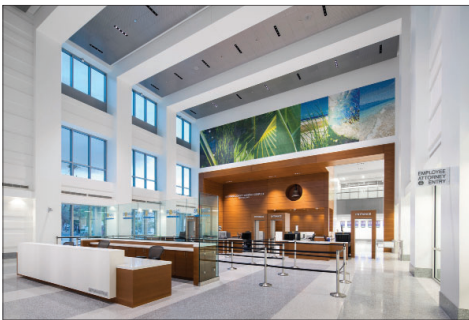
During Phase I of this project the parking garage that occupied the site was demolished and the new courthouse tower was built in its place. The new courthouse building includes 77 courtrooms (including hearing rooms), the County Clerk's office, County administrative offices, Judicial offices, Sheriff Department offices, adult and juvenile holding cells, evidence and fire arms storage as well as office space. Now that the tower is complete, the existing west and central courthouses will be demolished to make way for a new 497 space, six-level parking garage.

This facility presents itself as a strong civic landmark through the use of multiple architectural strategies as well as efficient and effective use of exterior space which includes a series of pedestrian parks, plazas and a riverfront promenade which helps promote a "pride of place" that will resonate in the community.

The L-shaped tower massing offers 360° views and allows for the public to look down on the civic space with an emphasis to views towards the South and East which face the beaches of Fort Lauderdale. A glass curtain wall, accentuated by the use of vertical fins, not only gives the façade a beautifully dignified civic expression but also acts as a solar screening device along the public corridors. The plantings, paved surfaces, lighting and furnishings will serve to define the public spaces associated with the new plaza. Plantings will provide intimate, human scale spaces not only for circulation but also shaded gathering areas serving a supporting role to the courthouse functionality.

This facility is designated to meet LEED Gold certification and includes energy reductions up to 22 percent, water-use savings up to 20 percent, recycling up to 75 percent of construction waste, and the use of low VOC materials and finishes.

JV - AECOM/Heery /Cartaya & Associates Architects| CM at Risk | \$270 Million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Cartaya & Associates Architects	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Architecture
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21. TITLE AND LOCATION (City and State) Hollywood SR A1A Corridor Study Hollywood, Florida	22. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES 2016</td> <td style="width:50%;">CONSTRUCTION (If applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)		

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Hollywood	b. POINT OF CONTACT NAME Jorge Camejo	c. POINT OF CONTACT TELEPHONE NUMBER (954) 924-2980
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Kimley-Horn was selected to design a new cross section for a portion of US 1 that would allow for wider medians, improved sidewalk plantings, and extended medians to control access and improve safety through the corridor. In order to accomplish the City's goals for the corridor, Kimley-Horn worked with FDOT to designate this section of the road under their Transportation Design for Livable Communities (TDLC) program. The TDLC designation allows for a more advantageous horizontal clearance that will allow for larger trees to be planted closer to the curbs and paves the way for allowing the design speed of the corridor to be lowered to match the designated speed, which will allow for a typical section to be approved with narrower drive lanes. Kimley-Horn also presented traffic and crash data analysis to determine where medians could be extended throughout the corridor, allowing for more landscape space in medians and creating less crossing turning movements through the corridor for safety. Renderings of proposed development scenario were worked through with City staff for use in upcoming public presentations. Total Contract Value: \$74,886



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Civil Engineering; Transportation Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

SF330 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;">7</p>		
21. TITLE AND LOCATION (City and State) Comprehensive Professional Engineering Services Broward County, FL		22. YEAR COMPLETED <p style="text-align: center;">2016</p> <table border="1"> <tr> <td> PROFESSIONAL SERVICES \$275,951 </td> <td> CONSTRUCTION (If applicable) N/A </td> </tr> </table>	PROFESSIONAL SERVICES \$275,951	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES \$275,951	CONSTRUCTION (If applicable) N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Ariadna Musarra, AIA, LEED AP	c. POINT OF CONTACT TELEPHONE NUMBER 954-357-6473 amusarra@boraward.org		
24. BRIEF DESCRIPTION OF PROJECT AND REVELANCE TO THIS CONTRACT (Include scope, size, and cost) The Broward County Construction Management Division (CMD) hired EAC Consulting in 2011 to provide comprehensive professional services on a continuing term basis for renovation, equipment replacement, new construction and other miscellaneous professional services for projects in which construction costs do not exceed \$2 million. We were tasked to provide comprehensive engineering services on a project specific basis including: existing facility and site documentation; project budgeting; design-necessitated existing facility assessments and evaluations, including energy analysis; project cost estimating; project schedule development and analysis; complete engineering design where applicable, on-site and off-site improvements and other project types. Services for specific projects included full design and construction contract document and calculation development; construction specification development; contract and bidding document development; code analysis; jurisdictional review and permitting assistance; bid/award support and concurrence; negotiation support; construction contract administration services; construction phase field support services; inspections, construction observation and project progress documentation; post-occupancy surveys and related services; project-related claims analysis and support; surveying; materials and contract compliance testing services; computer-aided and manually generated graphics support; preparation of narratives and other textual project support; photographic and video-graphic project support; building information modeling (BIM) project support; geographic information systems (GIS) project support; other data and information system project support. Below some of the task orders assigned under this contract: <ul style="list-style-type: none"> • Pembroke Rd & SW 184 Ave Mast Arm Improvements • Installation of New AC unit (CRAC) • NW 21 St Ave Pedestrian Bridge over C-13 • Ocean Outfall Pump Station Concrete Repa • Pump Stations 1A-1 and 1B-1 & SPT for WT • BARC Kitchen Renovation Project - Ph 2 • SE 3rd Avenue & SW 7th Avenue Bridge • VRF System for GC Annex Building • Replacement of 16 Air Handler Units • CBJC Generators and Switchgear • Broward County Main Library - West AHUs • Broward County HVAC System • Public Safety Building Fire Alarm Upgrade • BC Judicial Complex-Chillers Replacement • Medical Examiner's Office-HVAC System Re • Air Monitoring Stations Sites 1 and 25 • Bus Maintenance Division- Fueling Canopy • Pt. Everglades N-port Garage Fire Pump • Broward Addiction Recovery Center-Phase2 				

SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 8
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
City of Weston Community Center Weston, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)

23. PROJECT OWNER'S INFORMATION

d. PROJECT OWNER Cartaya and Associates Architects P.A.	e. POINT OF CONTACT NAME Juan Justiniano	f. POINT OF CONTACT TELEPHONE NUMBER (954) 771-2724 x 4
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT
(Include scope, size, and cost)

Miller Legg is providing survey, SUE, civil engineering and landscape architecture design services for the new City of Weston Community Center at Weston Regional Park as part of the Cartaya Architects team. The parcel is being redeveloped from land currently used for sports activities and passive green space. It will comprise an indoor facility of approx. 25,000 SF to accommodate office space and multi-purpose rooms. The planned outdoor facilities will total 6,400 SF, while site work beyond the building will include lawn seating, a 7,500 sf playground, parking and landscaping.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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

SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 9
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21. TITLE AND LOCATION (City and State) Seminole Police Department, Hollywood, Florida	22. YEAR COMPLETED				
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">PROFESSIONAL SERVICES</td> <td style="width:50%; text-align: center;">CONSTRUCTION (if applicable)</td> </tr> <tr> <td style="text-align: center;">2004</td> <td style="text-align: center;">2005</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2004	2005
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)				
2004	2005				

23. PROJECT OWNER'S INFORMATION
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a. PROJECT OWNER Seminole Tribe of Florida	b. POINT OF CONTACT NAME Adriana Finnvoid	c. POINT OF CONTACT TELEPHONE NUMBER 561-362-5430
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Work:

S&F Engineers, Inc. provided design, construction administration services, and special inspection services under contract with Balfourt Finnvoid Architecture (Client) for the above project. The work under this project included interior remodeling to convert the old car dealership's showroom into a police department office with holding cells and offices, addition of handicapped ramps and exterior wall alterations.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT
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a. (1) FIRM NAME S&F Engineers, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Structural Engineering
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SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 10
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21. TITLE AND LOCATION <i>(City and State)</i> Orlando International Airport – BP-447 - Ticketing Level Modernization, A and B Sides Landside Terminal Building <i>(Orlando, Florida)</i>	22. YEAR COMPLETED		
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2013 to 2018</td> <td style="width: 50%;">CONSTRUCTION <i>(If applicable)</i> 2018</td> </tr> </table>	PROFESSIONAL SERVICES 2013 to 2018	CONSTRUCTION <i>(If applicable)</i> 2018
PROFESSIONAL SERVICES 2013 to 2018	CONSTRUCTION <i>(If applicable)</i> 2018		

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Greater Orlando Aviation Authority	b. POINT OF CONTACT NAME Jamie McGonagill, GCI (OAR)	c. POINT OF CONTACT TELEPHONE NUMBER (407) 825-6565 jmcgonagill@goaa.org

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost.)*
 Conducted technical design reviews for GOAA Technical Review Team (TRT). Currently providing onsite construction observation inspections and reporting for all aspects of building envelope construction including glazed aluminum curtain walls, metal wall panels, fluid-applied air/moisture barriers, concrete deck waterproofing, expansion joint assemblies and modified bitumen roofing assemblies. Responsibility further includes conducting water testing on new glazed aluminum curtain wall assemblies. Contact Jamie McGonagill, GCI, (407) 825-6565.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Construction Moisture Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Building Envelope Consultant

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Construction Moisture Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Roofing and Building Envelope Consultant

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F									
		1	2	3	4	5	6	7	8	9	10
Mario Cartaya	Architectural Principal	✓	✓	✓	✓	✓		✓	✓		
Juan Justiniano	Senior Manager	✓	✓	✓	✓	✓		✓	✓		
James Downey	Construction Administration	✓		✓		✓					
Steve Collins	Project Management (MEP)								✓		
Douglas Lajoie	PIC Electrical Engineering								✓		
Michael Walsh	PIC Mechanical								✓		
Gregory Rivera	IT/Data/Security Engineering								✓		
Annette Ben-Haribe	Plumbing/Fire Protection Engineering										
Sri Sritharan	Structural Engineering			✓						✓	
Donata Williams Beasley	Structural Engineering			✓						✓	
Christopher Heggen	Traffic/Transportation Engineering						✓				
Stewart Robertson	Traffic/Transportation Engineering						✓				
Traci-Anne Boyle	Environmental Engineer	✓	✓								
Paul LeBlanc	Senior Project Manager	✓	✓								
Raj Krishnaswamy	Geotechnical Engineering	✓									
Kumar Vedula	Geotechnical Engineering	✓									
Jon-Eric Macias	Project Manager Waterproofing										✓
Keith Emery	Cost Estimating	✓			✓						
Michael Kroll	Principal in Charge LA, Survey,SUE	✓							✓		
Raul Nevarez	Landscape Designer								✓		
Vanessa Ruiz	Landscape Architect								✓		
Martin Rossi	Surveyor	✓									
Karen Lynch	Senior Project Surveyor	✓									
Huntley Higgins	Civil Engineering			✓		✓		✓			
Evelyn Rodriguez	Civil Engineering			✓		✓		✓			
Daniel Giraldo	Civil Engineering							✓			

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Professional Consulting Services for FLL & HWO Buildings	6	Hollywood SR A1A Corridor Study
2	Broward County Work of a Specified Nature	7	Comprehensive Professional Engineering Services
3	Miramar Police Headquarters	8	Weston Community Center
4	Plantation Energy Efficiency Center	9	Seminole Police Department
5	Broward County Judicial Complex	10	Orlando International Airport – BP-447 - Ticketing Level Modernization, A and B Sides Landside Terminal Building

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



40



At Cartaya and Associates Architects, we provide a comprehensive array of professional design-related services to governmental, institutional, and private clients. As a result to our commitment to superior quality, we have been recognized with various awards and proclamations.

Since our inception in 1979, we have been the architects for hundreds of diverse projects through out Southeast Florida for over twenty governmental agencies including city halls, performing arts centers, municipal libraries, higher education and K-12 facilities, parking structures, parks, transportation hubs, warehouses, fire stations, water treatment facilities, hotels, commercial buildings, and private residences.

We are committed to support effective communication with our Clients, Consultants, and General Contractors from the Pre-Design Analysis Phase until the completion of Construction, in order to ensure prompt project delivery based on the Owner's expectations and within budget.

ARCHITECTURE

We have a profound understanding of the needs that governmental, institutional, and private clients have. Our Firm has been involved in numerous projects including city halls, performing arts centers, municipal libraries, higher education and K-12 facilities, parking structures, parks, transportation hubs, warehouses, fire stations, water treatment facilities, hotels, commercial buildings, and private residences.

PLANNING, REDEVELOPMENT & URBAN DESIGN

We have directly advised numerous municipalities through Transit Oriented Developments (TODs) following Smart Growth and New Urbanism's principles. Our vision of Urban Design, Redevelopment and Planning is a comprehensive team-oriented approach that provides our clients with expertise from a broad range of disciplines, and at the same time provides adequate solutions to specific problems directly affecting our clients. Our solutions provide integrated solutions that respond to the social, economic and physical requirements of the built environment.

SUSTAINABILITY

Our Firm incorporates many sustainable design elements into all our projects. We make a continuous effort to include LED energy-efficient lighting and fixtures, low VOC paints and sealants, and renewable and recycled materials. We work closely with our clients, engineers and our consultants to insure we meet the goals of Green Design, and ensure a hassle-free application process towards LEED certification.

INTERIOR DESIGN

Our Interior Design efforts are focused on delivering livable, inviting and warm spaces that concentrate on the users' well being. By designing volumes, spaces, lighting, materials and colors, we envision our ideas and selections will provide the best comfort and interior experience for our clients and users. It is our experience that every interior space has to be carefully designed to satisfy one person in an office, or a thousand in an auditorium as well as thermal and/or sensorial needs.

CONSTRUCTION ADMINISTRATION

Our team strives to provide the best service to our clients, while delivering projects under budget and on time. Our Construction Administration experience is enhanced with a constant interaction and comprehensive coordination with consultants and our internal senior personnel for quality control.



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



Broward County Government

- Broward County Civil/Family Courthouse and Justice Center Parking Facility
- Fort Lauderdale/Hollywood International Airport: Terminal 1 (Concourse B & C)
- Fort Lauderdale/Hollywood International Airport: Consolidated Rental Car Facility
- Fort Lauderdale/Hollywood International Airport: Vision 2020
- Fort Lauderdale/Hollywood International Airport Master Plan
- Fort Lauderdale/Hollywood International Airport: TSA Renovations
- Fort Lauderdale/Hollywood International Airport: Continental Airways Offices & Land Based Facilities
- Fort Lauderdale/Hollywood International Airport: Terminal 2 In Line Baggage & Ticketing Lobby
- Fort Lauderdale/Hollywood International Airport: Terminal 4 International Concourse H Post Security Enhancements
- Tamarac Branch Library
- Weston Branch Library/Broward College
- Miramar Branch Library/Broward College/NSU
- North Regional Waste Water Treatment Plant
- Port Everglades Terminals 2,19,21, & 26 (Bidding Oversight)
- Supervisor of Elections (Programming)
- Broward Addiction and Recovery Center (Programming)
- Sexual Abuse and Treatment Center (Programming)
- Continuing Services Contract

Fort Lauderdale

- One Stop Shop (New City Planning, Engineering, & Building Department)
- War Memorial Auditorium Renovations
- Holiday Park Gymnasium Renovations
- Peele Dixie Water Treatment Plant
- Fort Lauderdale City Hall Programming
- Downtown Mobility Study

Pompano Beach

- Continuing Architectural/Structural Services Contract
- Pompano Water Treatment Plant
- Pompano Air Park Maintenance Facility
- North Broward Park Covered Exterior Basketball Courts
- Mitchell Moore Park Renovations
- Sands Harbor Condominium and Marina
- City of Hollywood Tri-rail Station Renovations
- City of Hallandale Water Treatment Plant

City of Hollywood

- City of Hollywood Tri-rail Station Renovations

City of Hallandale

- City of Hallandale Water Treatment Plant

City of Coconut Creek

- Public Works Administration Building

City of Pembroke Pines

- Pembroke Pines City Hall & Civic Center



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



Florida Atlantic University

- Continuing Services (several projects)

Broward College

- Bailey Concert Hall Renovations
- Maroone Automotive Training Center
- Fine Arts Building #6
- Marine Center of Excellence
- A. Hugh Adams Parking Garage & Extension

City of Miramar

- Miramar Police Headquarters
- Miramar Town Center Master Plan
- Miramar City Hall
- Miramar Cultural Center & Arts Park
- Sunset Lakes Community Center
- Sunset Lakes Park Fire Station #100
- Elliot J. Covo Fleet Maintenance Facility
- Public Works Office Building
- Miramar 3C Potable Water Tank
- Miramar West Wastewater Treatment Plant
- Miramar East Water Treatment Plant Renovations
- Miramar East Water Treatment Plant (Chemical Feed Bldg.)
- Miramar I-75 Water Storage Tank & Pump Station
- Miramar Water Reclamation Facility
- Miramar Booster Pump Station

Broward County School Board

- Seven New and Renovation School Projects

Palm Beach School District

- Five New and Renovation School Projects

Dade County School Board

- Three New and Renovation School Projects

Parks & Public Plazas

- Broward County Courthouse Civic Plaza
- City of Miramar Cultural Arts Park
- Beauty and Progress Park
- Shirley Branca Park
- Fairway Park
- North Beach Pavilion Park
- Constitution Park/Deerfield
- Cleary Park
- T.Y. Park Corporate Pavilion
- Tradewinds Corporate Pavilion
- Markham Park Corporate Pavilion
- CB Smith Park Corporate Pavilion
- Tradewinds Park Maintenance Compound
- Treetops Park Maintenance Compound
- Carver Ranches Park Covered Exterior Basketball Courts
- St. George Park Covered Exterior Basketball Courts
- Mitchell Moore Park Renovations
- Founders Park
- Rolling Oaks Park
- Saga Lakes Park
- Bel Aire Park



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



Firm Profile

Consulting Engineering Services

cesct.com



Our Background: A Reputation for Design Excellence

Founded in 1994, Consulting Engineering Services has grown in size and reputation for some very simple reasons. We believe in offering our clients the most advanced energy efficient building solutions that fit their project budgets, schedules and complexity. We believe that successful projects are the result of proactive service – in planning, on the job, and after. Most important, CES understands that no two projects are exactly alike, and that each should reflect the unique needs and goals of each of our clients.

Our Leadership: Professionals

Our Principals and Team Leaders serve the AEC industry as guest lecturers, panelists and contributors to trade publications and radio talk shows on energy efficiency for the built environment. CES also serves as a registered provider for AIA health safety & welfare seminars, offering CEU's for architectural re-licensure.

Office Locations:

Middletown CT
Fort Lauderdale FL
New York NY
Norwood MA
San Antonio TX

Our Approach:

MEP, Commissioning & Construction Administration

Recognizing that each project is unique, with different sets of goals and challenges, CES begins every assignment with a discovery phase. The goal of this phase is to uncover objectives, budgetary constraints, system efficiency and maintenance goals. Once discovered, we test these objectives against the facility design and intended occupancy to form the basis of a practical and long lasting MEP solution.

During all phases of the design process, we focus on those same core project objectives. Using the latest in 3D software, our systems are engineered to be a precise and integral part of the architectural framework, complimenting rather than constraining the creativity of the design.

Our attention to detail during design is emphasized by our focus on a timely, precise execution of the construction phase. Interactions with the CM or GC and trade contractors are accomplished in the spirit of cooperation and teamwork. We are adept at the utilization of many industry recognized software programs for construction management.

Our Experience:

Municipal Portfolio

CES is well versed in designing MEP/FP systems for municipal facilities including town halls, libraries, courthouses, police & fire departments, community centers and schools. In addition to providing engineering design services for new construction and renovations, we have also participated in existing condition assessments, feasibility studies and provided commissioning services.

On Call and House Doctor Portfolio

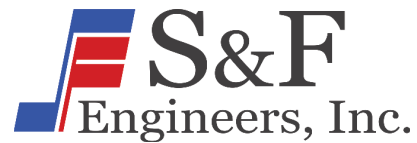
CES has worked with numerous state agencies, municipalities, and private companies to provide engineering services through On Call or House Doctor contracts. We are well versed in responding quickly to multiple simultaneous projects. Our firm is familiar with all typical On Call project types including studies, building systems commissioning, renovations, additions, historic restoration and new construction.

Our Future:

Creating Energy Solutions

As part of our commitment to sustainable design and energy savings practices, CES is a certified LEED™ consultant with LEED Accredited Professionals, Certified Energy Managers, Geothermal & PV Designers, Commissioning Professionals and High Performance Building Design Professionals all on staff. CES is also an adopter of the AIA2030 challenge.

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



S & F Engineers, Inc. was founded in 2001 by Mr. Sritharan & Dr. Faramawi with the goal of providing high quality structural engineering design services to its clients. The firm survived its first recession that resulted from the dot com collapse in 2001, but not without losing one of the founders. Mr. Sritharan persevered and found the firm's niche in small projects. With the support of a few clients who highly valued the firm's responsiveness and its innovative design solutions, S & F steadily grew to become one of the larger structural engineering firms serving the South Florida construction industry.

The lessons learned from the first recession helped the firm minimize the ill effects from The Great Recession of 2008-2011. By investing in technology and training, as well as adding highly talented staff of engineers and technicians during the recession, S & F has emerged as a stronger business capable of handling large projects and meeting stringent schedules. The engineers at S & F are not only alumni of elite universities with advanced degrees; they are also alumni of some of the most prominent structural engineering firms.

Today, S & F Engineers, Inc. is a place where highly qualified engineers and technicians collaborate with clients to create building designs and help transform the developers' and architects' visions into reality. They achieve this by using their knowledge, training and some of the most advanced computer hardware & software. They also bring an open mind and use their ingenuity to find the appropriate solution to each challenge.

Engineers at S & F are currently licensed in the states of Florida, Georgia, North Carolina, New York and New Jersey. They have the ability to add other state licensures as required to meet the client's needs. S & F also have LEED AP certified engineers. Several engineers and technicians are also trained in the use of Revit Structure for projects utilizing BIM technology, including an engineer with CM-BIM certification.

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



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

Established in 1965, Miller Legg employs a staff of almost 50 professionals and technicians and is wholly owned by its employees. The firm has locations in Fort Lauderdale, Port St. Lucie, Miami and Orlando.

The firm's **engineering** services include: utilities design and modeling (such as surface water management, drainage system design, water and sanitary sewer design and permitting, and pump station design), utility coordination, traffic engineering, complete streets and highways design, street lighting design, pavement marking and signage design, parks and recreation design, master planning, municipal engineering, construction monitoring and full Construction Engineering Inspection (CEI) and management services.

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

The firm's **surveying** services include: land surveying such as boundary, land title, route, right-of-way, platting, design and control, topographic, Subsurface Utility Engineering (SUE), as-built, tree, and hydrographic surveys, construction layout, field monumentation, sketches and descriptions for acquisitions and easements, and GPS data collection. In addition, we provide quantity (earthwork) surveys, condominium surveys, title document analysis, plot plans, and expert witness testimony.

The firm has completed numerous municipal, county, state and federal projects ranging from neighborhood improvement and redevelopment projects, educational facilities site planning, cemeteries, neighborhood parks and golf course designs to aviation facilities, complete streets projects, regional water and sewer utilities, streetscapes, and streets and highways. Additionally, the firm has successfully completed several thousand private sector projects including residential developments from two to 7,000 acres, industrial and office sites, hotels and theme park facilities, marinas, golf courses, hospitals and medical office complexes, commercial properties, retail shopping centers and franchise properties. The firm has been involved with more than 200,000 acres of project design development in Florida.

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

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



Founded as a transportation firm in 1967, Kimley-Horn is now one of the largest and fastest growing full-service consulting firms in Florida. Our permanent staff includes more than 2,500 professional, technical, and support staff nationwide and more than 450 employees in 14 offices throughout Florida. Kimley-Horn has four South Florida offices in Miami, Fort Lauderdale/Plantation, Boca-Delray, and West Palm Beach with over 200 staff available to serve you. As a transportation engineering, planning, ITS, landscape architecture, surveying, and environmental services firm, Kimley-Horn offers a full range of consulting services to local, regional, national, and international clients. Kimley-Horn remains one of the few employee-owned consulting firms in the nation.

Recognized for the outstanding work of our consulting staff, the quality of our work environment, and for our stature as a business enterprise. In 2016, Kimley-Horn recently recognized as one of Fortune magazine's "100 Best Companies to Work For" at #7 in Engineering News-Record (ENR) who has ranked Kimley-Horn 33rd of 500 U.S. design firms and also named Southeast Design Firm of the Year by ENR for 2015. Much of our growth extends from the confidence and trust that clients have in us. Our clients benefit from the resources of a nationally recognized organization while receiving the personal attention and response of a local dedicated professional team.

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



AirQuest Environmental, Inc. ("AirQuest") is an environmental and engineering consulting firm that provides a wide range of services in the public and private sectors. Our professionals have extensive experience dealing with hazardous substances and petroleum contamination in Florida, New York, the Caribbean and Latin America.

AirQuest's personnel have worked in nearly every setting in our society – from apartments to single family residences to military installations, government buildings and operations, public buildings, hotels, retail stores and malls, firing ranges and on marine vessels. Our robust client list includes multinational corporations, research and educational facilities, small businesses and local, state, federal and foreign governments. Our project locations range from the middle of the Pacific, to more than 35 of the United States, to the Bahamas, US Virgin Islands, Curaçao, Trinidad and Tobago. We've managed projects valued at several million dollars.

AirQuest has experience preparing and evaluating proposals and implementation work involving the advancement of soil borings and groundwater monitoring wells, well surveys, geophysical surveys, and sampling and analysis. AirQuest can evaluate Health and Safety Plans (HASPs), Quality Assurance Project Plans (QAPPs), standard operating procedures of assessment activities, equipment and sampling methodologies, laboratory tests and methods and assessment conclusions to determine if the objectives were met.

AirQuest's staff of professionals have performed and reviewed hundreds of environmental site assessments and due diligence evaluations on industrial, agricultural, commercial, military, and undeveloped properties. We are experienced in conducting, reviewing and evaluating environmental site assessment and due diligence services for cities, municipalities, counties, health departments, lending institutions, real estate developers, law firms, hospitals and universities among others.

AirQuest has been under contract as a prime consultant to Broward County Risk Management Division for environmental and industrial hygiene services since 2008. Projects have included an asbestos survey of over 2 million square feet of space within four (4) buildings of the Broward County Judicial Complex in downtown Fort Lauderdale, Florida, and Indoor Air Quality Investigations at various county buildings, including testing for formaldehyde and other Volatile Organic Compounds at the Medical Examiners Office.

Traci-Anne Boyle, CIH, CSP has diverse environmental consulting and industrial hygiene experience spanning more than thirty states in the US as well as the Caribbean. Her niche is in successfully directing sensitive, complex, multi-disciplinary, and large-scale environmental and industrial hygiene projects.

Isidro Duque, PG possesses strong negotiating skills in dealing with regulatory agencies, client operations and industry demands resulting in site-specific strategic work plans that involve innovative solutions meeting clients and government agencies requirements. Mr. Duque is experienced in conducting comprehensive land investigations that provide clients with the highest practical level of protection against past, present and future environmental liabilities, managing environmental projects and grant budgets for the United States Environmental Protection Agency and the United States Department of Interior Bureau of Indian Affairs in addition to many clients in the private sector.

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



Tierra South Florida, Inc. is a multi-disciplinary geotechnical, materials engineering and inspection firm, offering professional engineering and associated consulting services to both the public and private sectors. The primary service areas are Geotechnical Engineering, Field and laboratory construction materials engineering inspection and testing and Threshold/Special Inspections. The geotechnical and materials engineering services provide clients with the comprehensive range of siting, planning, design, construction and quality control disciplines required for major construction projects.

Geotechnical Engineering

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

Construction Materials Engineering and Testing

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

Laboratory Facilities

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

Corporate and Project Management Philosophy

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

Interaction with Regulatory Agencies

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

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



Established in 1992, CMC has a history of providing all aspects of roofing, waterproofing and building envelope weatherproofing consulting services with emphasis on systems and components designed to prevent moisture intrusion and unwanted air leakage, resist hurricane force wind speeds and provide thermal efficiency for commercial, institutional, industrial and residential construction. Additionally, clientele has included school districts, universities, military, governmental authorities, hospitals, commercial property owners and managers, leading resort and theme park operators, international airports, hospitals, NCAA and professional sport facilities, national A/E firms, General Contractors, construction managers, insurance companies, law firms, etc.

CMC has worked throughout the entire United States and on projects in Puerto Rico, Dominican Republic, Turks Caicos Islands, Grand Cayman Island, Aruba, Mexico, South America and Italy for our clients providing roofing, waterproofing and building envelope weatherproofing consulting services which have included design, constructability and design review, program management, construction management, construction administration, construction analysis, forensic analysis, infrared and nuclear moisture surveys, field testing, quality assurance (QA) program services, managing warranties as well as warranty claims and providing expert witness services. In addition, CMC has performed condition surveys on literally millions of square feet of roofing and building envelope construction for purposes of evaluating new and existing construction projects. CMC has also provided QA inspections and testing services on hundreds of new and renovation roofing and building envelope construction projects to ensure our clients receive quality construction which is in compliance with manufacturers' installation criteria and construction document requirements. During our history, CMC has provided such services on over 2,000 projects.

In addition, CMC has generated literally thousands of reports for the previously described tasks which are individually tailored to meet each client's needs. It is important to note, CMC principals are extremely "hands-on" regarding all aspects of services provided. Finally, CMC has extensive experience in working with program management and owner representative firms throughout our history and will dedicate all the necessary resources to ensure all projects assigned will be successfully completed in the most cost efficient and expeditious manner possible. We are prepared to deliver the highest level of roofing, waterproofing and building envelope weatherproofing consulting services available without delay.

CMC has also provided QA inspections and testing services on literally hundreds of new and renovation roofing and building envelope waterproofing construction projects to ensure building owners receive quality construction as well as to ensure compliance with manufacturers' published criteria and conformance with construction documents (plans and specifications).

CMC has provided clients with roofing and building envelope consulting expertise with the following typical services:

- Condition surveys including forensic analysis.
- Roof moisture surveys.
- Identification of roofing and building envelope waterproofing deficiencies with recommended solutions.
- Field water testing on glazed curtain wall, glazed storefronts, skylights, exterior walls, and expansion joints.
- Field adhesion testing on sealants and coating systems.
- Laboratory analysis of construction materials.
- QA field observations and associated reporting.
- Providing construction bid documents for roofing renovation and building envelope waterproofing renovation.
- Design peer reviews.
- Building envelope commissioning.
- Cost estimates.
- Scheduling of roofing and building envelope system replacements.
- Assistance to building owners during bidding, bid award, and construction administration.
- Pre-qualifying roofing and waterproofing contractors.
- Ensuring the specified warranties are received by building owners.
- Requirements for minimizing warranty claims.
- Clear guidance regarding preventative building maintenance requirements for leak prevention.

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



About EAC

EAC Consulting, Inc. (EAC), is a local Broward County firm that provides engineering consulting services for infrastructure improvement and development projects for cities and municipalities. Our project portfolio extends across various types of facilities including fire stations, fire rescue training facilities and emergency operations buildings. Our firm is thoroughly familiar with the codes and regulatory practices mandated by the National Fire Protection Association (NFPA) as well as local standards and requirements established in Broward County and its incorporated municipalities. Through the course of handling civil engineering tasks on projects, we have developed a demonstrated knowledge of jurisdictional criteria and have a proven ability to ensure that permitting and approvals occur in accordance with established schedule. EAC's expertise, knowledge, understanding and experience in all facets of civil engineering ensures our ability to excel while providing the proposed and future infrastructure improvements required by the client. Our broad expertise cover general civil engineering for projects in and close to aviation facilities, such as the North Side Fire Station Design Build project completed within the Miami International Airport (MIA).

EAC's overall commitment to the practice of engineering as well as our objective to maintain excellence in the quality of our services has led to an impressive growth rate. This growth has in turn translated into EAC's development as a multi service organization providing a wide variety of engineering services. EAC is committed to providing engineering services and will work to ensure that the clients' goals and objectives are always maintained.

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



CMS-Construction Management Services, Inc. (CMS) is comprised of an unusual blend of technical talents unique to both the Architectural/Engineering and General Contracting professions of today. Located in Broward County since its inception, CMS' s staff of ten has been providing Construction Management (Project Management) | Owners' Representative and Cost Estimating | Cost Consulting services in the Tri-County area to both public and private entities-including governmental agencies such as cities, counties, school districts, and airports-performing its services with an impeccable track record. Owner and Founder Keith Emery was a Construction Consultant and General Contractor in the Caribbean and Europe for eleven years prior to establishing CMS as a sole proprietorship in South Florida in 1976; subsequently, incorporating the firm in the State of Florida on March 4, 1980. Realizing the need for proper Cost Control, Construction Management, and Quality Control in the South Florida construction industry, Mr. Emery has since focused in that direction, assisting many clients/owners in the successful completion of their projects. As Construction Managers (Project Managers) | Owner's Representatives, Estimators, Cost Consultants, Schedulers and Value Engineers, our multi-disciplined staff consists of individuals with years of experience. CMS's goal is to provide our clients with accurate Cost Consulting/Control, Value Engineering, and competent Construction Management, bringing in projects on time and within budget to meet our clients' fiscal requirements.

Since the establishment of CMS-Construction Management Services, Inc. in 1980, Keith Emery, founder/owner/president/principal-in-charge has been providing Construction (Project) Management/Owners' Representative and Cost Estimating/Cost Consulting services in the Tri-County area to both public and private sectors—including governmental agencies such as cities, counties, school districts, and airports—and performing its services with an impeccable track record, bringing in projects on time and within budget in order to meet our clients' fiscal requirements, without sacrificing aesthetics. Mr. Emery's background experience includes high rises, offices, condominiums/townhomes, shopping centers, airport/cruise-port facilities, service stations, banks, drainage systems, sewer/water mains and pumping stations, auditoriums/theaters, museums/cultural arts centers, schools (K-12), colleges/universities, hospitals/medical facilities, storage/maintenance facilities, highways/secondary roads, bridges, parking garages, recreational parks, community/recreational centers, libraries, country clubs, public safety facilities, courthouses/judicial complexes, police stations, fire stations, and various state and federal government projects.

CMS's experience includes, but are not limited to, the following services:

Construction/Program Management/Owner's Representative on large city/county projects+ Cost Estimating/Cost Control in a variety of municipal, county, and federal projects +Value Engineering in reducing construction cost at various levels of design + Constructability Reviews and Evaluations prior to solicitation of bids + Claims Avoidance, Analyses, and Negotiations of construction claims and/or change orders + Project Management of multiple public and private projects+ Expert Witness representing clients through their attorneys+ Feasibility Studies+ Preconstruction and Construction Phase Scheduling + Construction Inspections

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

05/29/2014

33. NAME AND TITLE

Deborah Martin, Marketing Manager


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

2a. FIRM (OR BRANCH OFFICE) NAME Cartaya & Associates Architects, PA			3. YEAR ESTABLISHED 1979	4. DUNS NUMBER 878423979
2b. STREET 2400 E. Commercial Boulevard, Suite 201			5. OWNERSHIP	
2c. CITY Fort Lauderdale			a. TYPE Corporation	
2d. STATE FL			b. SMALL BUSINESS STATUS yes	
2e. ZIP CODE 33308			7. NAME OF FIRM (If block 2a is a branch office)	
6a. POINT OF CONTACT NAME AND TITLE Mario M. Cartaya, President				
6b. TELEPHONE NUMBER (954)771-2724		6c. E-MAIL ADDRESS mjcartaya@cartayaandassociates.com		
8a. FORMER NAME(S) (If any) Cartaya-Winter Associates. Architects, P.A. Mario Cartaya Architect, P.A.			8b. YR. ESTABLISHED 1981 - 1983 1979 - 1981	8c. DUNS NUMBER n/a n/a

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. OF Employees		a. Profile Code	b. Experience	c. Revenue Index Number (See below)
		(1) FIRM	(2) BRANCH			
02	Administrative	4		A06	Airport; Terminals and Hangers	6
06	Architect	8		A11	Auditoriums	6
47	Planners: City/Urban	1		C10	Commercial Building (Low Rise)Shopping Center	3
48	Project Manager	4		C11	Community Facilities	5
08	CAD Technician	14		E02	Educational Facilities; Classrooms	6
15	Construction Inspector	1		F02	Field Houses, Gyms, Stadiums	5
				G01	Garages, Vehicle Maintenance, Parking Deck	5
				H08	Historical Preservation	2
				H09	Hospital & Medical Facilities	5
				H10	Hotels & Motels	5
				H11	Housing Residential; Multi-family; Apartments	5
				I01	Industrial Building	5
				I05	Interior Design; Space Planning	4
				J01	Judicial and Courtroom Facilities	6
				L04	Libraries; Museums; Galleries	6
				P13	Public Safety Facility	5
				R04	Recreational Facility (Parks, marinas, etc.)	6
				R12	Roofing	2
				S11	Sustainable Design	4
				S12	Swimming Pools	2
	Other Employees					
	Total	32				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR THE LAST 3 YEARS <i>(Insert Revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	0	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	5	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

I. AUTHORIZED REPRESENTATIVE
The foregoing is statement of facts.

31. SIGNATURE 	32. DATE 03/18/2019
33. NAME AND TITLE Deborah Martin, Marketing Manager	


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

2a. FIRM (or Branch Office) NAME CES Engineering Services, LLC			3. YEAR ESTABLISHED 1994	4. UNIQUE ENTITY IDENTIFIER 927-731-653
2b. STREET 1500 West Cypress Creek Road				
2c. CITY Fort Lauderdale		2d. STATE FL	2e. ZIP CODE 33309	
6a. POINT OF CONTACT NAME AND TITLE Steven R. Collins – Vice President			5. OWNERSHIP a. TYPE Corporation b. SMALL BUSINESS STATUS None	
6b. TELEPHONE NUMBER 954-990-0556		6c. E-MAIL ADDRESS scollins@cesct.com		
8a. FORMER FIRM NAME(S) (If any)			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 (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	9		A12	Automation; Controls; Instrumentation	7
08	CADD Technician	3		B01	Barracks; Dormitories	7
21	Electrical Engineers	18	12	C08	Codes; Standards; Ordinances	7
42	Mechanical Engineers	29	13	E02	Educational Facilities; Classrooms	7
	Commissioning Engineer	3		E07	Energy Conservation; New Energy	7
	Electrical Designers	3	2	F03	Fire Protection	7
	Engineering Intern	2	2	H04	Heating; Ventilating; Air Conditionin	7
	Mechanical Designers	3	1	H09	Hospitals & Medical Facilities	7
	Plumbing/Fire Protection Design	3	1	L01	Laboratories; Medical Research Fa	7
	Plumbing/ Fire Protection Eng		1	L05	Lighting (Interior; Display; Theater,	7
				L06	Lighting (Exteriors; Streets, Memori	7
				P07	Plumbing & Piping Design	7
				R06	Rehabilitation (Buildings; Structures	7
				S02	Security Systems; Intruder & Smok	7
				S11	Sustainable Design	5
	Other Employees	0	0			
	Total	73	32			

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

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

a. SIGNATURE 	b. DATE 03/19/2019
c. NAME AND TITLE Steven R. Collins Vice President	

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME S&F Engineers, Inc.			3. YEAR ESTABLISHED 2001	4. DUNS NUMBER 09-516-4492
2b. STREET 2925 West Cypress Creek Rd., Suite 200			5. OWNERSHIP	
2c. CITY Fort Lauderdale			2d. STATE FL	2e. ZIP CODE 33309
6a. POINT OF CONTACT NAME AND TITLE Sri S. Sritharan, P.E., Principal			a. TYPE Corporation (Florida)	
6b. TELEPHONE NUMBER 954-938-0020			b. SMALL BUSINESS STATUS CBE, DBE, MBE, SBE, SBA 8(a)	
6c. E-MAIL ADDRESS sri@sfengineers.com			7. NAME OF FIRM (if block 2a is branch office)	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
57	Structural Engineer	4		A06	Airports	3
08	CADD Technician	1		B02	Bridges	1
01	Administrative	2		C02	Cemeteries	1
				C06	Churches	1
				C10	Commercial Buildings	2
				C11	Community Centers	1
				C12	Communication systems	1
				E02	Educational Facilities	1
				F03	Firehouses	1
				H09	Hotels	1
				H11	Housing-Residential	1
				J01	Judicial facilities	1
				R06	Rehabilitation-Structures	1
				S09	Structural Design-Special Str.	1
				T02	Testing & Inspections	1
				W03	Warehouses	1
Total		7				

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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE 3/1/2019
c. NAME AND TITLE	


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

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	13	12	C02	Cemeteries (Planning & Relocation)	5
07	Biologist	3	3	C06	Churches; Chapels	2
08	CADD Technician	3	3	C10	Commercial Building; (low rise);	2
12	Civil Engineers	7	5	C14	Conservation and Resource	4
14	Computer Programmer	1	1	E01	Ecological & Archeological	4
16	Construction Manager	0	0	E02	Educational Facilities; Classrooms	4
19	Ecologists	1	1	H07	Highways; Streets; Airfield Paving;	2
21	Electrical Engineers	0	0	H09	Hospitals & Medical Facilities	3
23	Environmental Engineer	0	0	H11	Housing (Residential, Multifamily,	6
50	Environmental Risk Assessor	0	0	I06	Irrigation; Drainage	2
24	Environmental Scientist	1	1	L01	Laboratories; Medical Research	2
29	GIS Specialist	0	0	L03	Landscape Architecture	5
39b	Irrigation Designer	0	0	P04	Pipelines (Cross-country--Liquid &	2
38	Land Surveyor	2	2	P05	Planning (Community; Regional;	3
38a	Survey Crew Members	9	4	P06	Planning (Site, Installation and	3
39	Landscape Architects	4	3	R04	Recreational Facilities (Parks;	4
39a	Landscape Designers	4	4	S04	Sewage Collection, Treatment &	5
47	Planners: Urban/Regional	1	1	S13	Stormwater Handling & Facilities	5
51	Safety/Occupational Health	0	0	S10	Surveying; Platting; Mapping; Flood	2
60	Transportation Engineers	0	0	T03	Traffic & Transportation Engineering	2
	Other Employees	1	0	U02	Urban Renewals; Community	4
	Total	50	40	W03	Water Supply; Treatment and	4

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 3/1/2019
c. NAME AND TITLE Michael Kroll, RLA, FASLA, President	

2a. FIRM (or Branch Office) NAME
Kimley-Horn and Associates, Inc.

3. YEAR ESTABLISHED
1968

5. UNIQUE ENTITY IDENTIFIER
061099131

2b. STREET
1920 Wekiva Way, Suite 200

5. OWNERSHIP
a. TYPE
Corporation

2c. CITY
West Palm Beach

2d. STATE
FL

2e. ZIP CODE
33411

b. SMALL BUSINESS STATUS
No

6a. POINT OF CONTACT NAME AND TITLE
Chris Heggen, P.E.

7. NAME OF FIRM (If block 2a is a branch office)
APHC, Inc.

6b. TELEPHONE NUMBER
561-840-0248

6c. E-MAIL ADDRESS
chris.heggen@kimley-horn.com

8a. FORMER FIRM NAME(S) (if any)

8b. YEAR ESTABLISHED

8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees	
		(1) FIRM	(2) BRANCH
02	Administrative	265	30
08	CADD Technicians	106	5
12	Civil Engineers	1364	31
13	Communications Engineers	30	1
15	Construction Inspectors	12	2
63	Design Technicians	84	3
23	Environmental Engineers	17	1
26	Forensic Engineers	3	1
66	Graphic Designers	50	3
39	Landscape Architects	116	4
42	Mechanical Engineers	12	5
48	Project Managers	159	9
57	Structural Engineers	71	4
65	Technical Support	256	9
64	Technical Writers	117	9
58	Technician/Analysts	384	14
60	Transportation Engineers	302	6
62	Water Resources Engineers	49	2
	Other Employees	187	1
Total		3584	140

10. PROFILE OF FIRM'S EXPERIENCE
AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
A06	Airports; Terminals; & Hangars; Freight	4
B02	Bridge Design	3
C08	Codes; Standards; Ordinances	2
C10	Commercial Building; (low rise); Shopping	3
C12	Communications Systems; TV; Microwave	5
D04	Design-Build - Preparation of Requests for	4
E09	Environmental Impact Studies, Assessments	3
F05	Forensic Engineering	6
H07	Highways; Streets; Airfield Paving; Parking	7
L03	Landscape Architecture	2
O01	Office Building; Industrial Parks	2
P05	Planning (Community; Regional; Areawide &	2
R04	Recreational Facilities (Parks; Marinas; etc.)	2
R13	Roadway Design	2
S04	Sewage Collection, Treatment & Disposal	3
S07	Solid Wastes; Incineration; Landfill	2
S09	Structural Design; Special Structures	2
T03	Traffic & Transportation Engineering	6
U02	Urban Renewals; Community Development	1
W02	Water Resources; Hydrology; Ground Water	2
W03	Water Supply; Treatment and	5

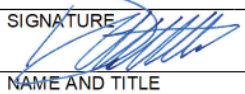
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)

a. Federal Work	3
b. Non-Federal Work	9
c. Total Work	9

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

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

a. SIGNATURE 

c. DATE
3/11/2019

c. NAME AND TITLE
David W. Walthall, P.E., LEED AP, Vice President

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

2a. FIRM (or Branch Office) NAME AirQuest Environmental, Inc.			3. YEAR ESTABLISHED 2002	4. UNIQUE ENTITY IDENTIFIER 119169683
2b. STREET 6851 SW 45th Street			5. OWNERSHIP	
2c. CITY Fort Lauderdale	2d. STATE FL	2e. ZIP CODE 33314	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Traci-Anne Boyle, President			b. SMALL BUSINESS STATUS SBE, WOSB	
6b. TELEPHONE NUMBER 954-792-4549	6c. E-MAIL ADDRESS traci@airquestinc.com			
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

8a. FORMER FIRM NAME(S) (If any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
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9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	10		A04	Air Pollution Control	1
11	Chemist	1		A10	Asbestos Abatement	5
24	Environmental Scientist	2		C18	Cost Estimating	1
30	Geologist	1		E09	Environmental Impact Studies, Ass	3
36	Industrial Hygienist	3		E12	Environmental Remediation	3
48	Project Manager	5		E13	Environmental Testing and Analysis	2
51	Safety/Occupational Health Engi	1		H02	Hazardous Materials Handling and	2
58	Technician/Analyst	4		H03	Hazardous, Toxic, Radioactive Was	4
				I03	Industrial Waste Treatment	1
				S01	Safety Engineering; Accident Studi	1
				T02	Testing and Inspection Services	3
				W02	Water Resources: Hydrogeology, G	2
	Other Employees					
Total		27				

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 3/11/19
c. NAME AND TITLE Traci-Anne Boyle, President	

2a. FIRM (OR BRANCH OFFICE) NAME TIERRA SOUTH FLORIDA, INC.(TSF)			3. YEAR ESTABLISHED 2003	4. UNIQUE ENTITY IDENTIFIER 829296222
2b. STREET 2765 Vista Parkway, Suite 10			5. OWNERSHIP a. TYPE Corporation	
2c. CITY West Palm Beach	2d. STATE FL	2e. ZIP CODE 33411		
6a. POINT OF CONTACT NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer			b. SMALL BUSINESS STATUS DBE - FDOT UCP MBE - Florida Statewide OSD & City of Orlando SBE - Palm Beach County, City of West Palm Beach, SFWMD, School District of PBC. SSBE - CFX	
6b. TELEPHONE NUMBER (561) 687-8536			6c. E-MAIL ADDRESS Raj@TSFGeo.com	
8a. FORMER FIRM NAME(S) (If any) N/A			8b. YR. ESTABLISHED N/A	8c. UNIQUE ENTITY IDENTIFIER N/A

9. EMPLOYEES BY DISCIPLINE

10. PROFILE OF FIRM'S EXPERIENCE AND
ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
2	Administrative	6	6	S05	Soils and Geologic Studies; Foundations	6
8	CADD Technician	2	2	T02	Testing and Inspection Services	6
27	Foundation/Geotechnical Eng	7	7			
58	Technician/Analyst	35	35			
15	Construction Inspector	5	5			
16	Construction Manager	2	2			
Total		57	57			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

a. Federal Work	6	1. Less than \$100,000.	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	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
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE March 7, 2019
c. NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer	

2a. FIRM (OR BRANCH OFFICE) NAME Construction Moisture Consulting, Inc.				3. YEAR ESTABLISHED 1992		4. DUNS NUMBER 800552556	
2b. STREET 4508 Oak Fair Blvd., Ste. 200				5. OWNERSHIP			
2c. CITY Tampa				2d. STATE FL		2e. ZIP CODE 33610	
6a. POINT OF CONTACT NAME AND TITLE Jon-Eric Macias, President/CEO				7. NAME OF FIRM <small>(If block 2a is a branch office)</small>			
6b. TELEPHONE NUMBER 813.623.2323 Ext. 25			6c. E-MAIL ADDRESS <u>JMacias@CMCFlorida.com</u>				
8a. FORMER FIRM NAME(S) <small>(If any)</small>				8b. YR ESTABLISHED		8c. DUNS NUMBER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <small>(see below)</small>
		(1) FIRM	(2) BRANCH			
02	Administrative	1	N/A	R12	Roofing	4
06	Architect	1	N/A		Building Envelope Waterproofing (Paint/Coatings, Sealants, Glazing Assemblies Exterior Wall Assemblies, etc.)	4
15	Construction Inspector	3	N/A			
Total		5	N/A			

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

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

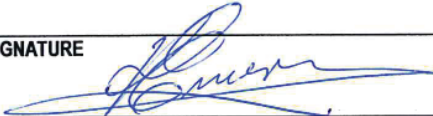
31. SIGNATURE 	32. DATE March 1, 2019
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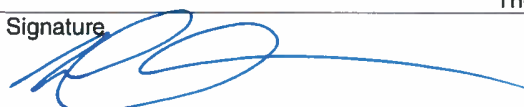
33. NAME AND TITLE
Jon-Eric Macias, President/CEO

2a. FIRM (OR BRANCH OFFICE) NAME CMS-Construction Management Services, Inc.			3. YEAR ESTABLISHED 1980	4. DUNS NUMBER 055661771
2b. STREET 10 Fairway Drive, Suite 301			5. OWNERSHIP a. TYPE Corporation	
2c. CITY Deerfield Beach	2d. STATE FL	2e. ZIP CODE 33441	b. SMALL BUSINESS STATUS MBE/CBE/SBE/DBE	
6a. POINT OF CONTACT NAME AND TITLE Keith Emery, President/Principal-in-Charge			7. NAME OF FIRM (If block 2a is a branch office) N/A	
6b. TELEPHONE NUMBER (954) 481-1611		6c. E-MAIL ADDRESS kemery@cms-construction-services.com		
8a. FORMER FIRM NAME(S) (If any) N/A			8b. YR ESTABLISHED N/A	8c. DUNS NUMBER N/A

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	2	N/A	A06	Airports, Terminals and Hangars	3
18	Cost Engineer/Estimator	4	N/A	A08	Animal Facilities	1
15	Construction Inspector	1	N/A	A11	Auditoriums and Theaters	1
16/48	Construction Mgr./ Project Mgr.	2	N/A	C11	Community Facilities	3
61	Value Engineer	1	N/A	C15	Construction Management	3
53	Scheduler	1	N/A	C18	Cost Estimating; Cost Engineer & Analysis	4
				E09	Educational Facilities; Classrooms	4
				G01	Garages, Vehicle Maintenance, Pkg. Decks	2
				H04	Heating; Ventilation; Air Conditioning	1
				H08	Historical Preservation	1
				H09	Hospital and Medical Research Facilities	2
				H11	Housing (Residential; Multi-Family, Apts., Condos)	1
				J01	Judicial and Courtroom Facilities	2
				L01	Laboratories; Medical Facilities	1
				L04	Libraries; Museums; Galleries	1
				P13	Public Safety Facilities	1
				R04	Recreational Facilities; Parks; Marinas	2
				R06	Rehab of Buildings; Structures; Facilities	1
				R12	Roofing	1
				W02	Urban Renewal; Community Development	1
				W03	Water Supply; Treatment and Distribution	2
	Other Employees					
	Total	11				

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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE February 28, 2019
c. NAME AND TITLE Keith Emery, President	

2a. FIRM (OR BRANCH OFFICE) NAME: EAC EAC Consulting, Inc.				3. YEAR ESTABLISHED 1994		4. DUNS NUMBER	
2b. STREET: 1450 Centrepark Blvd., Suite 275				5. OWNERSHIP 100% Minority Owned			
2c. CITY: West Palm Beach		2.d STATE FL	2e. ZIP CODE 33401		a. TYPE Corporation		
6.a POINT OF CONTACT NAME AND TITLE Enrique "Rick" Crooks, P.E. - President				b. SMALL BUSINESS STATUS No			
6.b TELEPHONE NUMBER: (561) 684-3006			6c. E-MAIL ADDRESS rcrooks@eaconsult.com		7. NAME OF FIRM (if block 2a is a branch office) EAC Consulting, Inc.		
8a. FORMER FIRMS NAME(S) (if any)				8b. YR. ESTABLISHED 1994		8c. DUNS NUMBER 837121466	
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEARS			
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (See below)	
		(1) Firm	(2) Branch				
02	Administrative	28	2	A06	Airports, Terminals	1	
08	CADD Operators	2	1	B02	Bridges	6	
12	Civil Engineers	14	5	C15	Construction Management	7	
15	Construction Inspectors	17	2	D04	Design-Build	3	
57	Structural Engineers	9	4	H07	Highway	6	
60	Transportation Engineers	15	6	I06	Intelligent Transportation Sys	5	
21	Electrical Engineer	0	0	P06	Planning, Site	5	
16	Construction Manager	2	1	W02	Water Resources	2	
53	Scheduler	1	0	W03	Water Supply, Treatment and	6	
47	Planner Urban/Regional	0	0				
	Other Employees						
TOTAL		88	21				
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUE OF FIRM FOR LAST 3 YEARS (INSERT REVENUE INDEX NUMBER SHOWN AT RIGHT)				PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work:	4			1. Less than \$100,000	6. \$2 million to less than \$5 million		
b. Non-Federal Work:	8			2. \$100,00 to less than \$250,000	7. \$5 million to less than \$10 million		
c. Total Work:	8			3 \$ 250,000 to less than \$500,000	8. \$10 million to less than \$25 million		
				4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million		
				5. \$1 million to less than \$2 million	10. \$50 million or greater		
12. AUTHORIZED REPRESENTATIVE.							
The foregoing is a statement of facts.							
a. Signature 						b. DATE 03/11/2019	
c. Name and Title: Michael Adeife, PE – Senior Vice President							



a. State whether your organization is national, regional or local.

Cartaya and Associates Architects, P.A. is a local firm which has been in business in Broward County since 1979.

b. State the location of the office from which your work will be performed.

Work will be performed at our office located at :

2400 East Commercial Boulevard, Suite 201
Fort Lauderdale, Florida 33308

c. Describe the firm, including the size, range of activities, etc.

At Cartaya and Associates Architects, we provide a comprehensive array of professional design-related services to governmental, institutional, and private clients.

Since our inception in 1979, our experienced professionals have been involved in numerous projects including city halls, performing arts centers, municipal libraries, higher education and K-12 facilities, parking structures, parks, transportation hubs, warehouses, fire stations, water treatment facilities, hotels, commercial buildings, and private residences.

We are committed to support effective communication with our Clients, Consultants, and General Contractors from the Pre-Design Analysis Phase until the completion of Construction, in order to ensure prompt project delivery based on the Owner’s expectations and within budget. As a result to our commitment to superior quality, we have been recognized with various awards and proclamations.

Cartaya and Associates Architects currently has a staff of 30 and we provide a comprehensive array of professional design-related services to governmental, institutional, and private clients.

Architecture

We have a profound understanding of the needs that governmental, institutional, and private clients have. Our Firm has been involved in numerous projects including city halls, performing arts centers, municipal libraries, higher education and K-12 facilities, parking structures, parks, transportation hubs, warehouses, fire stations, water treatment facilities, hotels, commercial buildings, and private residences. Services include:

- Building Evaluations
- Sustainable (LEED) Design
- Conceptual Design
- Construction Documents
- Specifications
- Construction Administration
- Post Occupancy Evaluation
- Visualization

Planning, Redevelopment & Urban Design

We have directly advised numerous municipalities through Transit Oriented Developments (TODs) following Smart Growth and New Urbanism’s principles. Our vision of Urban Design, Redevelopment and Planning is a comprehensive team-oriented approach that provides our clients with expertise from a broad range of disciplines, and at the same time provides adequate solutions to specific

problems directly affecting our clients. Our solutions provide integrated solutions that respond to the social, economic and physical requirements of the built environment.

Services include:

- City and Community Development
- Master Planning
- Property Development Consulting
- Sustainability Studies
- Environmental Quality Services

Sustainability

Our Firm incorporates many sustainable design elements into all our projects. We make a continuous effort to include LED energy-efficient lighting and fixtures, low VOC paints and sealants, and renewable and recycled materials. We work closely with our clients, engineers and our consultants to insure we meet the goals of Green Design, and ensure a hassle-free application process towards LEED certification.

Interior Design

Our Interior Design efforts are focused on delivering livable, inviting and warm spaces that concentrate on the users’ well-being. By designing volumes, spaces, lighting, materials and colors, we envision our ideas and selections will provide the best comfort and interior experience for our clients and users. It is our experience that every interior space has to be carefully designed to satisfy one person in an office, or a thousand in an auditorium as well as thermal and/or sensorial needs. Services include:

- Space Planning and Test Fits
- Interior Design
- Workplace Strategy
- Needs Assessment and Programming
- Furniture Planning
- Graphic Design

Construction Administration

Our team strives to provide the best service to our clients, while delivering projects under budget and on time. Our Construction Administration experience is enhanced with a constant interaction and comprehensive coordination with consultants and our internal senior personnel for quality control. Services include:

- Administration Construction Phase
- Budgeting
- Scheduling
- Cost Estimating
- Shop Drawing Review
- Construction Sequencing
- Logistics
- Quality Assurance

Additional Services

Project Management:

- Project Integration
- Code Research
- Quality Control Reviews
- Due Diligence Review/Process
- Response to Comments

Technical Specifications:

- Technical Standards
- Preparation
- Distribution
- Reviews
- Response to Requests for Information

d. Provide a list and description of similar municipal and other projects satisfactorily completed within the past four (4) years. For each project listed, include the name and telephone number of a representative for whom the project was undertaken who can verify satisfactory performance.

Jean and David Colker Center - Thomas Watson (954) 308-9274

Cartaya and Associates Architects provided architectural services to United Way of Fort Lauderdale for this new two story office building which serves as a centralized location where veterans and military service members can go to receive case management services. The ground level provides a lobby/reception area, conference room with kitchenette, public toilets and service areas. The second floor includes a reception area, three offices, an open office area for four desks/work stations, and toilets. The building includes an elevator as well as interior and exterior stairs to provide two means of egress.

Professional Consultant Services, Building Projects at Fort Lauderdale-Hollywood International Airport (FLL) & North Perry Airport (HWO) - Mark Gambrill (954) 359-2343

Cartaya and Associates is providing architectural services for Broward County Aviation Department as part of a continuing services contract. Services include pre-design, programming, design, construction administration and resident project representative services for new building construction and modifications, alterations and improvements to existing buildings, structures, offices and accessory buildings that are landside and airside at the airports. Projects include Building Renovations for BSO Offices, Perimeter Security Enhancements (FLL), Security Enhancement, Access Control & CCTV (HWO) Palm/Hibiscus/Cypress Garage Enhancements, EOC Build-Out, FLL Masterplan Peer Review, Cabot Lobby Security Improvements, Terminal 1 Concourse B Post Hurricane Irma Condition Assessments Evaluation, Terminal 1, Terminal 4, Airport Security Building and G&G Building Re-Roofing, Airport Security Building Renovation, Terminal Connector Bridges, Noise Mitigation IFR, Terminal Crosswalks Upgrade, and Roadway Repairs.

Broward County Housing Authority Continuing Service - Parnell Joyce (954) 739-11147

Cartaya and Associates Architects provided Architectural and Engineering Services for Broward County Housing Authority under a Continuing Services Contract for projects which do not exceed \$2M. Work included surveying existing apartments to develop As-Built drawings and based on the As-Built documents we provided numerous designs for the existing facilities to meet current Street Guidelines for Affordable Housing, ADA requirements and Fair Housing Act Requirements. We also developed plans for kitchen and bathroom renovations as well as general renovations of entire units in some cases. Projects included interior and exterior renovations, generator replacements and new buildings.

Broward College Continuing Services Contract - Deborah Czubkowski (954) 201-6900

This Continuing Services Contract includes the Broward College Security Office Renovation/Remodeling. This project comprised of two parts. The first was the Security Offices which was the relocation of the Police and Security Offices within the campus. The second part of this project was the development of a Student Center which provides Restrooms, Offices, Lounge Areas, Storage Space, Data Rooms and a large student gathering space which can be used for a number of functions including events and meeting. Another project under this contract was the Broward College Health Sciences Café and Bookstore Renovation/Remodeling. This project comprises of the renovation of an existing open courtyard and transformation of the space into a Bookstore, Student Lounge Area and provision of Offices for this building.

City Of Miramar Continuing Services Contract - Luisa Millan (954) 602-3316

Cartaya and Associates completed services for City Hall Office Renovations which consisted of providing an evaluation of existing office space available to the City of Miramar. We looked at the second floor plan layout of the City Hall building and adjusted the area to accommodate new office

areas. The renovation included the review of Life Safety, Code, Electrical Layout, Mechanical Diffusers and functionality of the space.

City of Pompano Beach Continuing Services Contract - Horacio Danovich (954)786-7834

Cartaya and Associates provided architecture and design services for various Community Redevelopment Agency projects. This Continuing Services Contract included a proposal for the rehabilitation of the Laundromax which was an old existing facility within the District. The purpose of the project was to take the existing facility and make available spaces for new uses such as offices, retail and commercial in order to enhance and improve the occupancy and mixed used of the CRA District. Another project was the replacement and upgrades of the street lighting along Atlantic Boulevard from A1A to Federal Highway.

Broward County Work of a Specified Nature - Ariadna Musarra (954)357-6473

Our contract with Broward County consisted of a number of projects where we have provided programming services. We have met with County Officials to identify requirements for different departments and then provided a listing of the departments and square footages for each function. In some of these projects we followed up with space diagrams and for others we have continued our work and provided floor plan layouts based on space requirements. Some of the projects under this contract included BB&T facility assessments, Broward County Bus Shelter Improvements, BARC and SOE Programming Services, Architectural Services for Go Solar, and Broward County South Animal Care Survey among others.

**Broward County Housing Authority Continuing Services Contract
SubConsultant to Tise, Tim Smith (617)581-6601 x224**

Cartaya and Associates Architects provided Architectural and Engineering Services for Broward County Housing Authority under a Continuing Services Contract for projects which do not exceed \$2M . Work included surveying existing apartments to develop As-Built drawings and based on the As-Build documents we provided numerous designs for the existing facilities to meet current Street Guidelines for Affordable Housing, ADA requirements and Fair Housing Act Requirements. We also developed plans for kitchen and bathroom renovations as well as general renovations of entire units in some cases.

e. Provide information on any litigation (settled or pending) the firm has been involved in within the last five (5) years.

In 40 years of doing business within Broward County, Florida Cartaya and Associates Architects, P.A. has only been involved in one instance of litigation. Our professional record is a real representation of our competence, diligence and attention to detail. We are very proud of our record, it attests to the quality of our documents and our expertise in both design and construction administration.

Cartaya and Associates Architects P.A. (CAA) was named as a third party defendant in a case filed in February 2011 in Broward County Circuit Court between the contractor, Gen-X Construction, and the Owner, Broward County. As we understand the contractor was seeking delay damages from the County with respect to the combined 10-park project in and around Broward County.

CAA served as the design professional for the parks project and was hired by the County back in the early 2000s. It appears on the eve of trial the County elected to attempt to “pass-through”

some of the delay damages claims to CAA based upon several inaccurate and flawed legal and technical theories. This case was dismissed in August 2014 with a Final Order of Dismissal with Prejudice.

Please find Litigation Statements attached at the end of this section for EAC Consulting, Kimley-Horn and Associated and Miller Legg. None of our other subconsultants have been involved in litigation in the last five (5) years.

f. Describe the experience in conducting similar projects for each of the staff assigned to the engagement. Describe the relevant educational background of each individual.

Please refer to Section E of the included Standard Form 330.

g. Describe the organization of the proposed project team, stressing level of experience and qualification, detailing the level of involvement, field of expertise and estimated hours for each member of the team.

Cartaya and Associates Architects, P.A. has been in business for 40 years as the Architects for hundreds of municipal and local governmental projects throughout South Florida. The Cartaya and Associates Design Team has the diversified experience and exposure to different professional perspectives that will greatly enhance our ability to provide the City of Hollywood with innovative ideas, quality solutions and technical strength in our roles as designers, reviewers and agency liaisons. Our past performance with over 20 other Governmental Agencies brings significant depth, diversity, and experience to the table without the costly learning curve of working with the City and County Agencies. Our proven track record assisting City Staff, providing quality service and remarkable Architecture and Engineering, with the highest degree of skill and professionalism resulted in the successful completion of hundreds of projects throughout Broward County.

Some of our projects include the Fort Lauderdale/Hollywood International Airport’s Terminal 1 and Car Rental Return Facility, the City of Fort Lauderdale’s Building Services Center (Building, Planning and Zoning Department), Broward College’s New Fine Arts Building, the City of Miramar’s Town Center, Cultural Arts Facility, City Hall and Police HQ, the Weston Library/Broward Community College Facility, the Miramar Educational Center including Nova Southeastern University and Broward College, the Village of Islamorada Administrative Center & Public Safety Headquarters, the Community Foundation of Broward’s Community Room and the City of Fort Lauderdale’s Building Services Building, and the Pembroke Pines City Center.

We also have significant experience with Continuing Architectural/Structural Services Contracts which includes Broward County, Broward County Aviation Department, Broward County Housing Authority, the City of Pompano Beach, the City of Miramar, the City of Dania Beach, the City of North Lauderdale and Broward College.

Joining the Cartaya and Associates Architects Team for this project are some of the most respected local Engineering Firms. S & F Engineers will provide all Structural Engineering Services. CES Engineering Services will perform all Mechanical, Electrical, Plumbing, Fire Protection and low voltage Engineering Services. EAC Consulting will provide Civil Engineering Services, Miller Legg will provide Landscape Architecture, Survey and SUE Services, Kimley-Horn and Associates will provide Traffic Engineering Services, Tierra South Florida will provide Geotechnical Engineering Services, AirQuest Environmental will provide Environmental/Air Quality Engineering Services, Construction Moisture Consulting (CMC) will provide Building Envelope and Roofing Services and CMS-Construction Management Services

will provide Cost Estimating/Value Engineering Services.

Members of the Cartaya and Associates Team have worked together on dozens of projects in the past, including the City of Miramar Police Headquarters, Village of Islamorada Administrative Center, Port Everglades Terminal 2 and Terminal 4 Parking Garage Fort Lauderdale/Hollywood International Airport, Broward County Civil/Family Courthouse, the Weston Community Center many others. This familiarity between the firms will ensure that the work will be performed seamlessly. More detailed information about our individual team members can be found in Section E of the included SF330.

The Cartaya and Associates Architects Design Team has the availability to begin work under the Continuing Services Contract and will be available to continue the work on an on-going and as-needed basis. Our team has Project Managers and technical staff available to handle this contract. We have several projects which will be finished before this work will begin so we have staff that will be able to roll right into this project. We have experience with contracts of this type and understand and have a proven track record of providing on-call type services and adjusting staff as necessary.

Every project includes a Project Manager, Project Architect, Project Designer, CAD Operators and Construction Administrator as needed; all of whom report to the Principal In Charge.

h. Describe what municipal staff support is anticipated for this type of engagement.

Typically during Continuing Services Contracts there is a main municipal point of contact which handles contract negotiations and administrative tasks. As specific projects are assigned there then is a municipal Project Manager with whom we are in direct contact on a daily basis who then reports back to the original municipal point of contact.

i. Describe your approach to performing the work. This should include your role and that of other parties involved in the data gathering, data analysis and recommendation process.

Our Design Team is committed to dialogue and proper communication with the City of Hollywood from the Pre-Design Analysis Phase until the completion of Construction, in order to ensure prompt project delivery based on the Owner’s expectations and within budget. We will conduct presentations to Elected Officials, City Staff and the Public as well as attend meetings as required and we use the latest software and equipment including Level 3 BIM.

Our project approach typically is as follows:

1. Pre- Design Analysis Phase

A. Partnering Workshop

Our Design Team will discuss the City’s expectations, requirements, goals, budgets and schedule with City Staff, Local Leaders and other Stakeholders. We will prepare a consensus document as a blueprint for progress development and cooperation. We will also establish lines of command, cost control guidelines (including scope creep), quality management and schedule recovery procedures. This task provides a Project Goal Statement, Project Schedule and Project Budget Document. At the completion of this Phase, our Design Team will assist you in ordering Topographical and Boundary Surveys of the property (if required).

B. Site Analysis

Based on the data documented on the Topographical and Boundary Surveys (including a walkthrough of the Site with Engineering Sub Consultants and City Staff), our Design

Team will then perform a Site Analysis Study including water and sewer connections, drainage, easements, setbacks, and/or other limitations or opportunities available.

C. Review of Available Data

Our Design Team will document all available data pertaining to this project including performing a Planning, Zoning, Engineering, Building Code, and Available Data Research and Study. We also order a Fire Flow Test and Traffic Analysis (if required).

D. Programming

Based on the items discussed during the Pre Design Analysis/Partnering Workshop, the results of the Site Analysis Study, the Topographical and Boundary Survey, Fire Flow Test, and the review of the Planning, Zoning, Engineering Codes and Available Data Research and Study, our Office will meet with the City as required to produce an Owner’s Program. The Owner’s Program will provide a recommendation for the Civic Center including size and components based on needs, functionality and adjacencies. Each space will be documented as to square footage, use, acoustic need and personnel use. The Owner’s Program will then be reconciled with the Owner’s Budget (including inflation, permitting, and unidentified scope contingencies). All future work is dependent on the programmatic decisions. The project schedule will be optimized in order to provide a time efficient cost estimate. The reconciled Owner’s Program and Budget then is merged with the Project Schedule.

2. Design Development

During this Phase we facilitate a Value Engineering Workshop to discuss all site work, structural, electrical, plumbing, fire suppression, water disposal, drainage, irrigation, and roofing systems.

Our typical Design Development Documents will include site plans, floor plans, reflected ceiling plans, roof drainage plans, exterior elevations, door schedule, finish schedules, building cross- sections, site plans, paving and drainage plans, water supply and sewage collection plans, HVAC plans and load calculations, electrical load calculations and plumbing water distribution and disposal plans. An outline specification is also prepared for review and approval.

At the end of this phase, our Design Team will evaluate the cost of the project including adjusted inflation, permitting and unidentified scope contingencies. This cost review may indicate that we are in budget or that some methods of cost recovery may be required. The Owner and Architect agree on the remedial course of action and proceed into the Construction Documents incorporating revisions as required by the cost review.

Deliverables:

1. Value Engineering Workshop for Systems Selections.
2. Schematic and Design Development Site Plan, Floor Plan, and Elevation alternatives.
3. 3D Renderings and/or Model.
4. Material and color selections.
5. Design Development drawings including an outline specification.
6. Cost Estimate.

LEED Accreditation (if required)

Early in design our Design Team will review the LEED Credits and decide which are applicable to each individual project. If a building is to obtain certification, we will work closely with our

engineers and consultants to ensure all criteria will be accommodated and submitted appropriately. There are two different submittal times one at the completion of construction documents, a Design Review, and a second at the completion of construction. We take special care to insure we are up to date on all Green Design practices and will be applied to any building with an aim to be LEED Certified.

3. Construction Documents (50%, 90% and 100% Submittals)

Early in this Phase, our Team will conduct a Workshop including the Owner and Staff to verbally construct this project. This Workshop investigates Owner and Engineering recommendations, as well as more detailed product, systems and component selections. It is an invaluable tool in gauging the construction bidding climate, material availability and tests the budget. With the verification of the budget completed, we will continue the development of Completed Construction Documents, including detailed Architectural, Civil Engineering, M.E.P. Engineering, Structural Engineering, Fire Protection, Data Systems and Landscape Architecture plans and book format specifications. We will submit completed documents for your review and comments. We then submit plans for review by the design review board prior to submitting for permit by the building department.

Deliverables:

1. Value Engineering Workshop for detailed product selections.
2. Outline specifications for Owner review
3. 50%, 90%, and 100% completed Construction Documents
4. Technical Specifications
5. Cost Estimate.

4. Construction Bid Evaluation Phase

Our Design Team will assist you in the bidding portion of the work. We believe in accepting as-equal product submittals during the Bidding Phase which continues to lower costs without sacrificing quality. We also believe in developing and adhering to a schedule of timely responses of RFI’s in order to maintain the project schedule. Our Team will establish a rapid response program communication system with City in order to ensure that all issues are dealt with quickly, as they occur, and not postponed until the end of the Project. We will, furthermore, help establish Quality Assurance, Cost Management and Cost Tracking programs for use by all stakeholders. We will help you select a Contractor for the construction of this facility.

5. Permitting

Our Design Team will assist the Owner with the Permitting Process. We will review and provide responses to all Permitting comments. We will provide required plan revisions in order to successfully complete this Phase. We submit signed and sealed plans to the Design Review Board and the Building Department, and assist you in obtaining all permits. We then stand prepared to meet with all permitting Officials at any time in order to expedite the Process.

6. Construction Administration Phase

A. Our Design Team encourages a team approach in identifying the following during a Pre-Construction meeting:

- Project database and base line for schedule and cost control.

- Critical Path schedule and milestones with manpower designation and identifiable float time for schedule recovery if necessary.
- Major building systems shop drawings for early review.
- As equal product substitutions caused by market conditions, discontinued products or value engineering, for early review.
- Bidder's exceptions, conditions or other issues which differ from the Owner's or A/E Team expectations for review.
- Material samples and finishes for early review.
- Review of changes and cost as they occur, not at the end of the Project.
- Cost tracking and change order control procedures to protect the Project's cost and schedule.
- Schedule update submissions with all requests for Payments for verification of schedule compliance and/or a Schedule Recovery plan.

B. Our Design Team identifies Schedule Recovery Guidelines to facilitate the Project's Schedule Recovery in the event it becomes necessary. It is important to have a schedule which delineates the critical path items and milestones while identifying "float" time. Schedule recovery within the critical path requires the commitment of the entire Team to be accomplished. We encourage the following are steps.

1. Identify potential schedule performance problems before they actually occur.
2. The Owner may require the Design Builder to increase manpower allocation or work overtime to correct the problem. We will be available to attend job meetings and provide site observation services as required to facilitate the Schedule Recovery.
3. In some cases, the Critical Path may have to be altered in order to provide a schedule recovery. Altering the critical path process may require additional work by the A/E Team to re-engineer or otherwise re-design and re-permit a portion of the Construction Documents. The earlier we can identify the potential delay, the least disruption to the schedule. Our Design Team is committed to provide this assistance.

C. Our Design Team establishes a Cost Tracking Methodology.

- Establish a Project Cost Tracking baseline including an itemized schedule of values and critical path schedule (identifying float time).
- Reviewing all changes based on a cost tracking baseline.
- Establishing a stakeholder team change order approval management process for all changes to the work.
- Requiring all change cost estimates to include input from the stakeholders.
- Resolving all changes as they occur (not postponing them until the end of the project).

D. Our Design Team also provides all traditional Construction Phase Services including Shop Drawings review, site observation and Minutes of Meetings.

E. Our Design Team will also provide all traditional Construction Phase Services including:

- Shop Drawing reviews
- Site observation
- Meeting attendance and Minutes
- Requests for information responses
- As-equal review
- Material sample and color review
- Change Order review and recommendations
- Pay Requisition review and recommendations

F. Our Design Team will assist the Owner during Project Close-Out by reviewing:

- As Built documents
- Final Pay Requisition reviews
- All closeout manuals, etc. from the contractor



**EAC Consulting
Litigation History**

EAC Consulting, Inc. Litigation History

Litigation and/or judgements entered against it by any local, state or federal entities during the past five (5) years.

Caption of the matter	Case no.	Court	Description	Resolution
2015 <u>Monroe County v. CGC and Metric Engineering</u> with EAC, as the design engineer added as one of three defendants in a minor civil lawsuit styled; <u>CGV v Monroe County, EAC and Shari Ramirez, P.E.</u> , arising out of a dispute between a client, its construction contractor and its construction inspection engineer.	15-CA-000563-P	Circuit Court of the Sixteenth Judicial Circuit in and for Monroe County, Florida.	Parties: Monroe County / Construct Group Corp. Metric Engineer in a breach of contract action with EAC and Shari Ramirez added for professional negligence. The case was settled and concluded at mediation with EAC offering a minor amount of \$25,000 towards a much larger settlement of the matter.	Final Order of Dismissal was entered on October 19 th , 2016.
2015 <u>Great American Insurance Company as Subrogee of Northgate Condominium Association Inc., v. EAC Consulting Inc., JVA Engineering Contractor Inc. and City of North Miami.</u>	2015-024371-CA-01	Circuit Court of the Eleventh Judicial Circuit in and for Miami-Dade County, Florida.	Parties: Great American Insurance Company as Subrogee for the Northgate Condominium Associations' sued three defendants; the Contractor, JVA, the Owner; the City of North Miami and EAC for negligence. The matter was settled at mediation with EAC offering to pay its one third share of \$6,000 and one half of the City's share in the amount of \$3,000 as for the City's alleged claim for indemnification. The other half of the City's share was paid by the Contractor.	Settlement Agreements were entered into in total for \$9,000 and Stipulation for Dismissal of the case was done on July 18 th , 2016.

Certified By:  03/08/19
 Print Name and Title: Marie Chong, CFO date

who is authorized to sign on behalf of EAC Consulting, Inc.



Litigation History

Kimley-Horn and its subsidiaries have provided services in all 50 states and numerous countries. Because of the many and varied projects we have completed, we are subject to various legal proceedings from time to time and in the ordinary course of business. In the last 5 years, Kimley-Horn has had more than 17,800 projects in Florida, 12 of which had some form of litigation. Of those cases, 3 were dismissed, 7 were settled, and 2 are pending. This represents 0.67% of all projects completed by Kimley-Horn in Florida over the past 5 years.

Settlements related to claims are bound by confidentiality agreements so we cannot release any information on them. None of the pending matters, if decided against Kimley-Horn, would have a material impact on our financial statements or impair in any way our ability to serve our clients. Generally, these matters are covered by insurance, and we consider them to be without merit. If you would like to discuss our legal matters in more detail, please contact Kimley-Horn's General Counsel, Richard Cook, at 919.677.2058.

Litigation History – Five (5) Years

Claimant	Project Name	Case No.	Description	Status
Healthcare District of Palm Beach County v. Miller Legg & Associates, Inc.	Lakeside Medical Facility	Palm Beach County 2013CA012963	April 2013 – Notice of Claim for design and construction defects relating to the perimeter road of the Project.	Currently in mediation
Seaside Landing, LLC v MLA, Jon Walls, Randy Cohen, Tim Ziegler & Dylan Larson	Seaside Landings development in Flagler County	Flagler County 2017 CA 000314	May 17, 2017 – Alleged breach of contract, professional negligence and fraud.	Discovery phase. Mediation hearing held April 2018
Monarch Lakes Property Owners Association, Inc. v. Miller Legg Associates, Inc.	Monarch Lakes	Broward County 08-008400(09)	October 18, 2010 – Complaint of drainage system defects and deficiencies.	Discovery Phase. Awaiting mediation hearing reschedule date.





Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list."

DECLARATION

The aforementioned, as Proposer (herein used in the masculine singular, irrespective of actual gender and number), declares, under oath that no other person has any interest in this Proposal or in any resulting agreement to which this Proposal pertains, that this Proposal is not made with connection or arrangement with any other persons, and that this Proposal is made without collusion or fraud.

The Proposer further declares that he has complied in every respect with all the instructions to Proposers, that he has read all addenda, if any, issued prior to the opening of Proposals, and that he has satisfied himself fully relative to all matters and conditions with respect to the general conditions of the agreement and all relevant information to which this proposal pertains.

DISCLOSURE OF CONFLICT OF INTEREST

Vendor shall disclose below, to the best of his or her knowledge, any City of Hollywood officer or employee, or any relative of any such officer or employee as defined in Section 112.3135, Florida Statutes, who is an officer, partner, director or proprietor of, or has a material interest in the vendor’s business or its parent company, any subsidiary, or affiliated company, whether such City official or employee is in a position to influence this procurement or not.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City of Hollywood Purchasing Ordinance.

Name	Relationship
_____	_____
_____	_____

In the event the vendor does not indicate any name, the City shall interpret this to mean that no such relationship exists.



Client#: 1447454

132CARTA001

ACORDTM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/11/2018

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

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

PRODUCER McGriff Insurance Services 2400 N Commerce Pkwy, Ste 204 Weston, FL 33326 954 389-1289	CONTACT NAME: Felice Vinarub PHONE (A/C, No, Ext): 954 389-1289 E-MAIL ADDRESS:	FAX (A/C, No): 866-802-8684													
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INSURED
 Cartaya & Asso Architects P. A.
 2400 E Commercial Blvd.,
 Ste#201 & Ste#205
 Ft. Lauderdale, FL 33308

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	Y		X6604220N20A18	04/13/2018	04/13/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			X6604220N20A18	04/13/2018	04/13/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUP8K3827141847	04/13/2018	04/13/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	Z067674014	10/03/2018	10/03/2019	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

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

CERTIFICATE HOLDER Cartaya & Asso Architects P. A. 2400 E Commercial Blvd., Ste#201 & Ste#205 Ft. Lauderdale, FL 33308	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Douglas Fielda</i>

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ACORD 25 (2010/05) 1 of 1
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ALYA



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
04/26/2018

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PRODUCER SCOTT STEIN FL A253383 RISK MANAGEMENT PARTNERS, INC. 13900 JOG ROAD SUITE 203-125 DELRAY BEACH, FL 33446	CONTACT NAME: PHONE (A/C, No, Ext): 561-495-7900 E-MAIL ADDRESS: SSTEIN@RISKMPINC.COM	FAX (A/C, No): 561-495-7750
	INSURER(S) AFFORDING COVERAGE INSURER A : HISCOX PRO INSURANCE COMPANY INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :	
INSURED CARTAYA & ASSOCIATES, ARCHITECTS, P.A. 2400 EAST COMMERCIAL BOULEVARD #415 FT. LAUDERDALE, FL 33308		

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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A	ARCHITECTURAL ERRORS AND OMISSIONS			ANE 1687661.18	4/1/18	4/1/19	\$5,000,000/\$5,000,000

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