

Cartaya and Associates Architects PA

Bid Contact **Mario Cartaya**
marketing@cartayaandassociates.com
Ph 954-771-2724

Address **2400 E Commercial Boulevard, Suite 201**
Fort Lauderdale, FL 33308

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PSEN-18-02--01-01	Please submit documents here.	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Cartaya and Associates Architects PA

Item: **Please submit documents here.**

Attachments

CARTAYA.PSEN-18-02.pdf

RFQ # PSEN-18-02: Professional Service Providers (Architectural, Engineering, Surveying & Mapping)**DATE:** July 24, 2018**NAME OF FIRM:** Cartaya and Associates Architects, P.A.**FIRM ADDRESS:** 2400 E. Commercial Boulevard, Suite 201
Fort Lauderdale, FL 33308**TELEPHONE NUMBER:** (954)771-2724**EMAIL:** dmartin@cartayaandassociates.com

TAB 1 - LETTER OF INTEREST

July 24, 2018

City of Pembroke Pines Purchasing Division
8300 South Palm Drive
Pembroke Pines, FL 33025

RE: Request for Qualifications # PSEN-18-02 - Professional Service Providers (Architectural, Engineering, Surveying & Mapping)

Dear Members of the Selection Committee,

Cartaya and Associates Architects, P.A. is pleased to submit our response to your Request for Qualifications for Professional Service Providers (Architectural, Engineering, Surveying & Mapping). We propose to provide the City of Pembroke Pines with a team which includes, Architecture (Cartaya and Associates); Mechanical, Electrical, Plumbing and Fire Protection Engineering (Delta G Consulting Engineers); Structural Engineering (TRC Worldwide); Civil Engineering, Landscape Architecture and Environmental Engineering (Chen Moore and Associates), Surveying (Avirom & Associates); Geotechnical Engineering (Tierra South Florida); Traffic Engineering and Studies (via planning); Environmental and Hydrolic Studies (GFA International); Environmental and Wetland Mitigation Studies (CECOS Environmental Consulting); and Cost Estimating Services (CMS - Construction Management Services).

Cartaya and Associates has been the architects for hundreds of diverse projects in over twenty (20) municipalities and governmental agencies throughout South Florida. We are devoted to the practice of high-quality architecture and our work expresses aesthetic sensitivity and harmony with the environment. 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. Because of this dedication to high standards and attention to detail, our office has been recognized with numerous local, state, and national awards and proclamations.

We are very interested in working on this project and have extensive relevant experience with project which include building additions and/or renovations, stand-alone restroom facilities at park sites, and other vertical construction. Some of our relevant project experience includes Broward College Bailey Hall Renovations, Broward College Security Office Renovation/Remodelling, Broward College Health Sciences Cafe and Bookstore Renovation/Remodeling, Broward Community Foundation Renovations, Broward County Housing Authority Affordable Housing Renovations, Seminole Classic Casino Renovations and Additions, FLL Terminal 4 Concourse H Renovations, FLL Terminal 2 Delta Ticketing Lobby and In-Line Baggage, Pompano Beach Parks Standalone Restrooms, Pompano Beach CRA Street Lighting Improvements and Monument Signs and Broward County Bus Shelter Improvements.

Cartaya and Associates is a Fort Lauderdale Corporation that has been in business for over 39 years. Since our inception in 1979, the firm has become one of the area's most stable, successful and financially capable architectural firms. We maintain a staff of twenty-five (25) assuring that each project has adequate staff to be completed successfully. Every project includes a Project Manager Project Designer, Project Architect, CAD Operators and Construction Administrator as needed; all of whom report to the Principal In Charge. Our services include Architecture, Interior Design, Planning and Urban Design, Construction Administration, Project Management, Technical Specifications and Sustainable Design.

The Cartaya and Associates team of professional personnel has the diversified experience and exposure to different professional perspectives that will greatly enhance our ability to provide the City of Pembroke Pines with innovative ideas, quality solutions and technical strength. Their past performance brings significant depth, diversity, knowledge and experience to the table without the costly learning curve of working with the City and County Agencies. Our personnel has unmatched experience assisting City Staff,

TAB 1 - LETTER OF INTEREST

providing quality service and remarkable architecture with the highest degree of skill and professionalism. The key personnel will be Mario Cartaya (Principal In Charge), who has been the principal architect on all of Cartaya's projects and whose commitment to excellence and ability to coordinate the needs of our clients, in cooperation with the requirements of public and private stakeholders has enabled his team to complete over 600 successful projects; Juan Justiniano (Vice President/Project Manager), who has been a project architect and project manager with Cartaya and Associates since 1999 and has centered all his efforts to ensure excellence and quality within all phases of design, production of construction documents and construction administration; and James Downey (Project Architect/Construction Administration), who has been with Cartaya and Associates for over 3 years and has over 37 years of experience as a project manager, draftsman, project engineer, design and code consultant, designer, and estimator with a proven ability to manage projects from initial client contact, design development, code research, presentation, contract drawings, project management and interior design.

Below we have provided a list of the recent, current and projected workload of the firm. Many of our projects overlap and are worked on concurrently. Our top level management has the experience, ability and necessary resources to successfully manage several projects at one time and will be easily accessible to City staff and stakeholders via telephone and/or email. Our team is readily available to perform the tasks necessary for this project. Several of the active projects listed are nearing completion and will be finished within the next six (6) months.

Recently completed projects include: the Pembroke Pines City Center, Miramar Police Headquarters, Broward College Cafe and Bookstore, Broward College Marketing Office, Broward County Bus Shelter Improvements, FLL Terminal 4 Concourse H Improvements, FLL Terminal 2 Delta Ticketing Lobby and In-Line Baggage, Broward County Judicial Complex Tower, Boca Raton Utilities Guardhouse and FLL EOC Build-Out.

Currently we are working on the Miramar MegaCenter, Broward County Judicial Complex Phase II, Port Everglades T2/T4 Parking Garage, Pompano Beach Community Parks Restrooms & Aquatic Center, Whiddon Rogers Education Center Renovations, Wayman Aviation, MIA Delta Sky Club, Anne Gillis Park Urban Plaza, Pop Travers Park, Blanche Ely Museum, Weston Community Center, and Consulting Services for FLL & HWO Building Projects.

Projected projects include the City of Coconut Creek CCNA, the Lauderdale-By-The-Sea CCNA, and the Fort Lauderdale Aquatic Center we were awarded.

The professionally licensed point of contact for all City projects will be Juan Justiniano, AIA, who can be reached at (954)771-2724 Extension 4 and/or jjustiniano@cartayaandassociates.com.

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 firm 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 Pembroke Pines

We are confident in our ability to provide the highest quality project services without surprises, on-time and within budget, and with professional quality assurance services that will exceed expectations. We look forward to the opportunity to serve the City of Pembroke Pines.

Sincerely,

Mario M. Cartaya - President
Cartaya and Associates Architects, P.A.

SF330

ARCHITECT-ENGINEER QUALIFICATIONS**PART I — CONTRACT-SPECIFIC QUALIFICATIONS****A. CONTRACT INFORMATION**1. TITLE AND LOCATION (*City and State*) Professional Service Providers (Architecture, Engineering, Surveying & Mapping)

2. PUBLIC NOTICE DATE July 24, 2018

3. SOLICITATION OR PROJECT NUMBER
PSEN-18-02**B. ARCHITECT-ENGINEER POINT OF CONTACT**4. NAME AND TITLE
Deborah Martin Marketing/Proposal Manager5. NAME OF FIRM
Cartaya and Associates Architects, P.A.6. TELEPHONE NUMBER
954-771-27247. FAX NUMBER
N/A

8. E-MAIL ADDRESS dmartin@cartayaandassociates.com

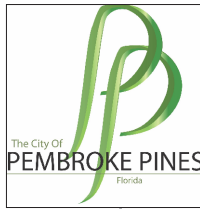
C. PROPOSED TEAM*(Complete this section for the prime contractor and all key subcontractors.)*

	(Check)			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	Chen Moore and Associates <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	500 W.Cypress Creek Road, Suite 630 Fort Lauderdale, FL 33309	Civil Engineering / Environmental Engineering Landscape Architecture
c.			X	TRC Worldwide Engineering <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1230 N. University Drive Plantation, FL 33322	Structural Engineering
d.			X	Delta G Consulting Engineers, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	707 NE 3rd Ave. Suite 200 Ft. Lauderdale, FL 33304	Mechanical / Electrical / Plumbing / Fire Protection
e.			X	Tierra South Florida <input type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411	Geotechnical Engineering
f.			X	Avirom & Associates <input type="checkbox"/> CHECK IF BRANCH OFFICE	50 SW 2nd Avenue, Suite 102 Boca Raton, FL 33432	Survey
g.			X	via planning <input type="checkbox"/> CHECK IF BRANCH OFFICE	2101 W. Commercial Blvd, Suite 3200 Fort Lauderdale, FL 33309	Traffic Engineering and Studies
h.			X	GFA International <input type="checkbox"/> CHECK IF BRANCH OFFICE	1215 Wallace Drive Delray Beach, FL 33444	Environmental and Hydrologic Studies
i.			X	CECOS Environmental Consulting <input type="checkbox"/> CHECK IF BRANCH OFFICE	3001 SW 15th Street, Suite B Deerfield Beach, FL 33442	Environmental and Wetland Mitigation Services
j.			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

D. ORGANIZATIONAL CHART OF PROPOSED TEAM**[X]** (*Attached*)

SF330

D. ORGANIZATION CHART OF PROPOSED TEAM



PRIME DESIGN CONSULTANT

**ARCHITECTURE
DESIGN TEAM MANAGEMENT**

SUB-CONSULTANTS

DELTA G CONSULTING ENGINEERS
MECHANICAL / ELECTRICAL / PLUMBING
FIRE PROTECTION ENGINEERING

CHEN MOORE AND ASSOCIATES
CIVIL ENGINEERING \ ENVIRONMENTAL ENGINEERING
LANDSCAPE ARCHITECTURE

TRC WORLDWIDE ENGINEERING
STRUCTURAL ENGINEERING

TIERRA SOUTH FLORIDA
GEOTECHNICAL ENGINEERING

AVIOM & ASSOCIATES
SURVEYING

via planning, inc.
via planning
TRAFFIC ENGINEERING & STUDIES

GFA INTERNATIONAL
ENVIRONMENTAL & HYDROLOGIC STUDIES

CECOS ENVIRONMENTAL CONSULTING
ENVIRONMENTAL & WETLAND
MITIGATION SERVICES

CONSTRUCTION MANAGEMENT SERVICES, INC.
COST ESTIMATING

SF330

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

SF330

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 <table border="1"> <tr> <td>a. TOTAL</td> <td>b. WITH CURRENT FIRM</td> </tr> <tr> <td>32</td> <td>19</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	32	19
a. TOTAL	b. WITH CURRENT FIRM						
32	19						
15. FIRM NAME AND LOCATION (City and State) Cartaya and Associates Architects P.A., Fort Lauderdale, Florida							
16. EDUCATION (Degree and Specialization) 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 (State and Discipline) Florida Architectural Registration #94371 AIA # 30063757 American Institute of Certified Planners #141945 LEED AP Building Design + Construction #10476514					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)							

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Pembroke Pines City Center Pembroke Pines, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2016</td> <td>2017</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2016	2017
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2016	2017					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 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.						
(1) TITLE AND LOCATION (City and State) Chupco's Landing Community Center Fort Pierce, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2014</td> <td>2014</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2014	2014
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2014	2014					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 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.						
(1) TITLE AND LOCATION (City and State) Broward College Fine Arts Building #6 Davie, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2010</td> <td>2012</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2010	2012
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2010	2012					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 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.						
(1) TITLE AND LOCATION (City and State) Miramar Cultural Arts Miramar, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2008</td> <td>2008</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2008	2008
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2008	2008					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 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.						
(1) TITLE AND LOCATION (City and State) Weston Library Broward College Combination Building Miramar, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2006</td> <td>2006</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2006	2006
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2006	2006					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 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.						
All the referenced projects above were delivered on time and on budget .						

SF330

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 Design

17. 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 <input checked="" type="checkbox"/> Check if project performed with current firm 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.		
(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 <input checked="" type="checkbox"/> Check if project performed with current firm 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.		
(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 <input checked="" type="checkbox"/> Check if project performed with current firm 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.		
(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 <input checked="" type="checkbox"/> Check if project performed with current firm 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.		
(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 <input checked="" type="checkbox"/> Check if project performed with current firm 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.		

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

SF330

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

12. NAME Daniel Davila, P.E.		13. ROLE IN THIS CONTRACT Project Manager/Utilities		14. YEARS EXPERIENCE	
				a. TOTAL 19	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL					
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Davila has experience on numerous private and public clients that range from residential developers, industrial developers, municipalities, federal agencies, hospitals, universities and educational institutions. His experience includes planning and design of stormwater systems, water and wastewater facilities, facilities planning, utilities master planning, infrastructure renewal, roadway design and construction management. He has been the contract manager for small projects as well as large complex projects managing millions of dollars in design fees and several subconsultants.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL		(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing		CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018		CONSTRUCTION <i>(If applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA is the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project led by Murphy Pipeline Contractors (MPC) was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline is being rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Cost \$ 14M		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale Fire Station 8 Ft Lauderdale, FL		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017		CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is providing landscape architectural, site planning and civil engineering services for the design, permitting and construction inspection services for a new municipal fire station located in an industrial area of the City of Fort Lauderdale. The Fire Station will be designed to Florida Green Building Coalition standards. CMA is a subconsultant to CPZ Architecture and our role entails site design including building placement, parking layout, site circulation, storm water treatment and storage as well as landscape and irrigation design. Fee \$ 67,311		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL		(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing		CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Lift Station & Force Main Analysis North Lauderdale, FL		(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing		CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA is providing engineering services to develop a hydraulic model for the City of North Lauderdale forcemain network. The hydraulic model will be used to analyze the flow conditions within the forcemain network under various lift station operating conditions and to identify potential modifications to the lift stations. Modification will improve the systems efficiency and decrease operational and maintenance costs. Modeling of the City's infrastructure will entail analysis of approximately 11 miles of forcemain infrastructure and 28 lift station stations. During the modeling analysis CMA will develop various system improvement alternatives and review possible activities to alleviate the peak pressures within the forcemain network. The hydraulic model will analyze the effectiveness of proposed improvement alternatives to the existing system. CMA shall also prioritize the need for each system improvement alternative based on the results of the analysis. Fee \$ 102,980.00		<input checked="" type="checkbox"/> Check if project performed with current firm		

SF330

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

12. NAME Peter Moore, P.E., F.ASCE, ENV SP, LEED AP		13. ROLE IN THIS CONTRACT Principal-in-Charge		14. YEARS EXPERIENCE	
				a. TOTAL 20	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL					
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering Master of Engineering / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> As the President of the firm, Mr. Moore is ultimately responsible for all day to day operations of the firm. Mr. Moore works as the Client Project Manager for work in Broward County, Pompano Beach and Deerfield Beach and continues to be involved in the successful completion of projects. These projects include sanitary collection improvements, pump station rehabilitation, transportation engineering enhancements, water and reclaimed water consulting along with all other phases of civil engineering design and neighborhood improvements. Additionally, Mr. Moore serves as the Assistant City Engineer for the City of Coral Springs and is the spokesperson for the City's Engineering Division.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project led by Murphy Pipeline Contractors (MPC) was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline is being rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Cost \$ 14M		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainvillea Drive in the Town of Lauderdale by the Sea. CMA used GIS to assist with utility coordination and base map preparation; assisting with the design concepts and cost estimates; recommending alternatives for paving design for the roadway and pedestrian traffic areas; prepared initial roadway alignment plan; prepared initial drainage and utility relocation plans; completed a stormwater design model; submitted for government permits; and provided bidding assistance for this project. Fee \$74,000; Cost \$1,870,000		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvements Wilton Manors, FL		(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 Sr. Engineer. The City of Wilton Manors retained CMA to design a roadway improvement along a portion of North Dixie Highway within the City limits. The intention of the project was to implement the following elements along North Dixie Highway within the project limits: Install new bicycle lanes along the corridor on both sides of roadway. Install new curbing and gutter to accommodate new roadway section. Install new pedestrian sidewalks to accommodate new roadway section. Install pedestrian level lighting along new sidewalk as allowed by adjacent private property. Install limited landscaping in available right of way areas along corridor. Modify existing drainage facilities to accommodate new roadway section. Fee \$ 128,390		<input checked="" type="checkbox"/> Check if project performed with current firm		

SF330

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

12. NAME Safiya Brea, P.E., LEED AP		13. ROLE IN THIS CONTRACT QA/QC		14. YEARS EXPERIENCE	
				a. TOTAL 17	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL					
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ms. Brea has over 16 years of experience with neighborhood improvement projects, including the design of roadways, sidewalks, drainage, water and wastewater infrastructure. As a senior civil engineer, she has managed projects ranging from thousands of dollars to multi-million dollar, large-scale neighborhood improvement programs. Ms. Brea has managed and designed streetscape improvements, roundabouts, lift station, stormwater improvements and master plans, and booster station basis of design reports. Her duties include construction management, managing GIS and Autocad design work, Cascade modeling, sewer modeling, and report preparation for municipalities throughout South Florida.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL		(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 Sr. Engineer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Fee 235,739.98 Cost \$ 4.1 Million		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Westside Park Baseball Field Deerfield Beach, FL		(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 Sr. Engineer. CMA provided design, permitting and construction engineering inspection services for the conversion of an existing football field and multi-purpose field into one Babe Ruth Baseball field, one Little League Baseball field, and one practice baseball field for the City of Deerfield Beach Parks and Recreation Department. CMA was responsible for providing survey, geotechnical, site planning, civil engineering, landscape architecture, MEP and structural engineering services. Fee \$ 181,565 Cost \$ 1.6 Million		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Miramar - Lift Station Rehab of #5, #13 Miramar, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2005	CONSTRUCTION <i>(If applicable)</i> 2005	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA provided design services for the rehabilitation of two lift stations for the City of Miramar. Lift Station #5 is being cleaned and relined along with adding an additional force main. Lift Station #13 is being totally rehabilitated including a switch from suction lift to submersible pumps. The purpose of the Lift Station 13 Rehabilitation Project was to directly connect the lift station to the city's backbone force main system, which would eliminate the repumping of effluent through Lift Station 6. The project included the installation of a new submersible pump station to replace the existing dry pit pump station, which was undersized. The installation of 8-inch force main (4,700 LF) west along Utopia Drive was required to connect to existing 18-inch force main along Miramar Parkway near the intersection with University Drive. Cost \$ 1,115,000 Fee \$ 547,000		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Lauderdale-By-The-Sea Stormwater Master Plan Lauderdale by the Sea, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA completed the Stormwater Master Plan for the Town of Lauderdale-by-the-Sea. The project area includes approximately 640 acres of land which are separated into 1,618 properties, which encompasses approximately 1.5 square miles of land area. The purpose of this Stormwater Master Plan was to: Identify any deficiencies in the existing stormwater management system, recommend system improvements to meet regulatory level of service criteria, Provide an estimated cost to construct these upgrades to the stormwater management system. This project included the following tasks: Gathering all existing information available from previous drainage plans, utility atlases, regulatory permits, reports, and studies, Confirming accuracy for use in the existing conditions model, Updating the digital stormwater atlas in GIS, Utilizing LIDAR data to create a TIN surface model of the Town limits, Collecting resident complaints in regards to flooding, Preparing the existing conditions model with Interconnected Pond Routing (ICPR) Software identifying areas with flooding issues, Recommending and prioritizing stormwater improvements. Fee \$ 89,241		<input checked="" type="checkbox"/> Check if project performed with current firm		

SF330

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

12. NAME Jennifer Smith, P.E.		13. ROLE IN THIS CONTRACT Utility Engineering		14. YEARS EXPERIENCE	
				a. TOTAL 12	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL					
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ms. Smith is currently serving as a senior engineer with Chen Moore and Associates. Her 11 years of experience in the civil engineering field includes GIS and AutoCAD design work, detailed design work on the Broward County UAZ Water and Sewer Improvement Project, Stormwater Master Plan for the City of Pompano Beach and Coral Springs, Drainage Design for the City of Pompano Beach and Lauderdale by the Sea and the Design of GIS Utility Atlases. Current duties include water main, sanitary sewer and lift station design and permitting, drainage modeling, design and permitting as well as GIS modeling.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Master Lift Station # 11 Wilton Manors, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA prepared design plans and technical specifications for the proposed replacement of Master Lift Station 11 for the City of Wilton Manors. The project involves the installation of new wetwell with new submersible pumps along with associated valve vault, flow meter, control panel components, and a new emergency generator. It serves as the master pump station for the City of Wilton Manors by receiving all sanitary flow from the City limits and pumping to the force main network of the City of Fort Lauderdale for disposal and treatment. Lift Station 11 currently has 75 HP pumps in a "canned" dry pit configuration which is housed in a concrete masonry block structure. Due to the age of the facility along with the inadequate pumping capacity, the City of Wilton Manors wishes to replace Lift Station 11 to ensure adequate pumping capacity in the future. Fee \$ 64,410		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL		(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 Sr. Engineer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Fee 235,739.98 Cost \$ 4.1 Million		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvements Wilton Manors, FL		(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 Sr. Engineer. The City of Wilton Manors retained CMA to design a roadway improvement along a portion of North Dixie Highway within the City limits. The intention of the project was to implement the following elements along North Dixie Highway within the project limits: Install new bicycle lanes along the corridor on both sides of roadway. Install new curbing and gutter to accommodate new roadway section. Install new pedestrian sidewalks to accommodate new roadway section. Install pedestrian level lighting along new sidewalk as allowed by adjacent private property. Install limited landscaping in available right of way areas along corridor. Modify existing drainage facilities to accommodate new roadway section. Fee \$ 128,390		<input checked="" type="checkbox"/> Check if project performed with current firm		

SF330

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

12. NAME Jason McClair, P.E., CFM, LEED AP		13. ROLE IN THIS CONTRACT Surface Water/Management Drainage		14. YEARS EXPERIENCE	
				a. TOTAL 22	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Fort Lauderdale, FL					
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. McClair is a senior civil engineer with more than 22 years of experience in utility infrastructure design, regulatory permitting, geotechnical engineering, and computer aided flow modeling for stormwater collection, water distribution, and sanitary transmission systems. He was the project manager for the Fort Lauderdale-Hollywood International Airport Stormwater Master Plan Update and the Pompano Beach Stormwater Master Plan.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		PROFESSIONAL SERVICES Ongoing		CONSTRUCTION <i>(If applicable)</i> Ongoing
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal. CMA is the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project led by Murphy Pipeline Contractors (MPC) was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline is being rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Cost \$ 14M		PROFESSIONAL SERVICES 2018		CONSTRUCTION <i>(If applicable)</i> 2018
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainville Drive in the Town of Lauderdale by the Sea. CMA used GIS to assist with utility coordination and base map preparation; assisting with the design concepts and cost estimates; recommending alternatives for paving design for the roadway and pedestrian traffic areas; prepared initial roadway alignment plan; prepared initial drainage and utility relocation plans; completed a stormwater design model; submitted for government permits; and provided bidding assistance for this project. Fee \$74,000; Cost \$1,870,000		PROFESSIONAL SERVICES 2012		CONSTRUCTION <i>(If applicable)</i> 2013
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal/Project Manager. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799		PROFESSIONAL SERVICES Ongoing		CONSTRUCTION <i>(If applicable)</i> Ongoing
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvements Wilton Manors, FL		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal/Project Manager. The City of Wilton Manors retained CMA to design a roadway improvement along a portion of North Dixie Highway within the City limits. The intention of the project was to implement the following elements along North Dixie Highway within the project limits: Install new bicycle lanes along the corridor on both sides of roadway. Install new curbing and gutter to accommodate new roadway section. Install new pedestrian sidewalks to accommodate new roadway section. Install pedestrian level lighting along new sidewalk as allowed by adjacent private property. Install limited landscaping in available right of way areas along corridor. Modify existing drainage facilities to accommodate new roadway section. Fee \$ 128,390		PROFESSIONAL SERVICES 2014		CONSTRUCTION <i>(If applicable)</i> 2014

SF330

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

12. NAME Jose Acosta, P.E., F.ASCE	13. ROLE IN THIS CONTRACT Roadway Engineering	14. YEARS EXPERIENCE a. TOTAL 19 b. WITH CURRENT FIRM 7	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Miami, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Master of Business Administration / Master of Business Administration/ Bachelor of Science / Civil Engineering Bachelor of Science / Architectural Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer / Natl. Council of Examiners for Eng. & Surveying	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Acosta has over 19 years of design and project management experience in various industries, including municipal continuing service contracts, K-12 education, higher education, healthcare, transportation, and commercial/residential/industrial private development. His background includes neighborhood improvement projects, streetscape enhancements, utility relocation, on- and off-site infrastructure design, bidding assistance and construction administration services for several municipalities throughout Miami-Dade, Broward and Palm Beach Counties.			

19. RELEVANT PROJECTS

	(2) YEAR COMPLETED
(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL	PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If applicable)</i> Ongoing
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24	<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL	PROFESSIONAL SERVICES 2018 CONSTRUCTION <i>(If applicable)</i> 2018
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project led by Murphy Pipeline Contractors (MPC) was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline is being rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Cost \$ 14M	<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION <i>(City and State)</i> Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL	PROFESSIONAL SERVICES 2012 CONSTRUCTION <i>(If applicable)</i> 2013
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainville Drive in the Town of Lauderdale by the Sea. CMA used GIS to assist with utility coordination and base map preparation; assisting with the design concepts and cost estimates; recommending alternatives for paving design for the roadway and pedestrian traffic areas; prepared initial roadway alignment plan; prepared initial drainage and utility relocation plans; completed a stormwater design model; submitted for government permits; and provided bidding assistance for this project. Fee \$74,000; Cost \$1,870,000	<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL	PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If applicable)</i> Ongoing
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812, 799	<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION <i>(City and State)</i> North 64th Avenue Widening & Utility Improvements Hollywood, FL	PROFESSIONAL SERVICES 2015 CONSTRUCTION <i>(If applicable)</i> 2015
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA provided engineering services for the Seminole Tribe of Florida, Public Works Department and Construction Management Department for the North 64th Avenue Roadway Widening and Utility Improvements. The Project widens North 64th Avenue approximately 10" 6" to the east to make room for a proposed right-of-way dividing wall between the City of Hollywood and the STOF's Hollywood Reservation. The project also includes the extension of a proposed 16" water main, stormwater improvements, fire access considerations on both sides of the proposed wall, hardscape/landscape improvements, locating a proposed guardhouse and the relocating of an existing City of Hollywood sanitary lift station that serves a segment of the existing residential community in the vicinity as well as the STOF Headquarters Building. Fee \$ 117,450	<input checked="" type="checkbox"/> Check if project performed with current firm

SF330

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

12. NAME Patrick Kaimrajh, P.E.		13. ROLE IN THIS CONTRACT Roadway Engineering		14. YEARS EXPERIENCE	
				a. TOTAL 9	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Miami, FL					
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Kaimrajh, P.E. serves as a senior engineer for CMA and specializes in civil engineering design, drafting, permitting, and construction inspection. His 9 years of design experience includes paving, drainage and stormwater management, sanitary sewer and stormwater pump stations, water main, site development, and neighborhood improvement projects. He has prepared engineering drawings, cost evaluations, design reports and various permit applications. In addition, Mr. Kaimrajh has performed construction inspections for drainage, watermain, sanitary sewer, and pavement. He also is skilled in AutoCAD Civil3D, ICPR, EPA SWMM, Cascade, HY-8, WaterCAD, SewerCAD, and StormCAD, modeling and design software.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project led by Murphy Pipeline Contractors (MPC) was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline is being rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Cost \$ 14M		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainvillea Drive in the Town of Lauderdale by the Sea. CMA used GIS to assist with utility coordination and base map preparation; assisting with the design concepts and cost estimates; recommending alternatives for paving design for the roadway and pedestrian traffic areas; prepared initial roadway alignment plan; prepared initial drainage and utility relocation plans; completed a stormwater design model; submitted for government permits; and provided bidding assistance for this project. Fee \$74,000; Cost \$1,870,000		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL		(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 Sr. Engineer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Fee 235,739.98 Cost \$ 4.1 Million		<input checked="" type="checkbox"/> Check if project performed with current firm		

SF330

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

12. NAME Jose McCray		13. ROLE IN THIS CONTRACT Construction Engineering		14. YEARS EXPERIENCE	
				a. TOTAL 37	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Miami, FL					
16. EDUCATION <i>(Degree and Specialization)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. McCray is a senior inspector for Chen Moore and Associates. Mr. McCray has over 35 years of construction experience, from surveying through project management. His present responsibilities include coordination and monitoring of construction activities including governmental projects and site development for residential, commercial and industrial use projects. He serves as liaison to owners, contractors, subcontractors, residents and governmental agencies. Additional responsibilities include overseeing the review/processing of change orders, progress payments and reports, and representation of owners and engineers at pre-construction meetings and other related conferences.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Construction Specialist. CMA is the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project led by Murphy Pipeline Contractors (MPC) was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline is being rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Cost \$ 14M		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL		(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 Sr. Construction Specialist. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Fee 235,739.98 Cost \$ 4.1 Million		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Pompano Beach Stormwater Master Plan Pompano Beach, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Construction Specialist. CMA prepared a Stormwater Master Plan for the entire City of Pompano Beach limits, which encompasses approximately 24.6 square miles. The City operates and maintains its own stormwater facilities within City right-of-way and properties to provide flood control and water quality treatment within the City limits. Existing drainage facilities within the City include catch basins, manholes, control structures, gravity pipes, outfalls, and canals that connect to the Intracoastal Waterway. The purpose of this SWMP was to identify any deficiencies in the existing stormwater management system in regard to flood control and water quality treatment. The SWMP will allow the City to understand the necessary drainage improvements over the next few years and to budget accordingly. Cost \$ 1,241,360 Fee \$ 1,261,000		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Aviation Blvd Roadway & Hardscape Improvements Marathon, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Construction Specialist. CMA will assist in the preparation of roadway and hardscape plans for over two miles of Aviation Boulevard including a segment of 107th Street which is adjacent to the regional airport in the City of Marathon. The project considers the shift of the existing roadway centerline to accommodate a shared 8' shared path that includes specialty lighting, hardscape elements including benches, pavers and landscaping at various areas along the road. Traffic calming elements including speed humps are being implemented. The project also includes geometric modifications to the roadway along with considerations for existing utilities and stormwater. Fee \$ 116,000		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> NW 44th Street Bikepath Construction Engineering Inspection Sunrise, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Construction Specialist. CMA is providing construction administration services for the NW 44th Street Bikepath project. The project consists of a proposed bikeway along both sides of NW 44th Street from NW 117th Avenue to Pine Island Road in Sunrise, FL. The project includes pavement restoration, pavement widening, turn lane improvements and stormwater improvements. The project is being funded by FDOT and is identified as LAP Project - FM# 433209-1-58-01. CMA will provide general observation of the work and verification of system testing. Fee \$ 129,154.28		<input checked="" type="checkbox"/> Check if project performed with current firm		

SF330

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

12. NAME Gregory Mendez, P.E.		13. ROLE IN THIS CONTRACT Reports and Miscellaneous		14. YEARS EXPERIENCE	
				a. TOTAL 20	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Miami, FL					
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Architectural Engineering			17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Mendez has more than 20 years of civil engineering experience in site and infrastructural development type projects for public and private facilities. He has extensive utilities design experience and is also very experienced with fast track projects. His experience includes water, drainage and sewer designs, design reviews, managing designs and construction budgets, managing field inspection staff and managing client relations.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Sr. Engineer. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> NMB-Highland Drive Roadway Improvements N Miami Beach, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA is providing civil engineering services for the Highlands Drive Roadway Improvements project for the City of North Miami Beach, Florida. The scope includes designing and reconstructing Highlands Drive, from Biscayne Blvd, south to the interface with the new roundabout currently in design by CMA. The proposed roadway reconstruction will include two-lane divided boulevard section, appropriate drainage system, landscaping and irrigation. CMA will coordinate the topographic survey, geotechnical exploration, site reconnaissance and utility conditions; prepare construction documents; acquire permitting and approvals; oversee bidding assistance; and provide limited construction administration support services. Fee \$ 64,425		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> NMB-NE 180th Dr- Roundabout N Miami Beach, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2016	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA provided civil engineering services as the primary consultant for this traffic calming and neighborhood beautification project located at the intersection of NE 178th Street and NE 180th Drive. The project included new paving, grading, minor drainage improvements, signage, striping and landscaping. The project considered the amount and type of vehicular movements through the area to arrive at an appropriate design that would both allow even the largest vehicles frequenting this intersection to traverse safely while providing a significant reduction in average speeds. The roundabout was designed with close input from City staff and residents alike. Cost \$ 141,000 Fee \$ 14,500		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> MDWASD PSIP # 0614 Improvement Miami, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. Pump Station (PS) 0614 is a wet well pump station and is located in a mainly commercial area. Chen Moore and Associates was responsible for the design criteria to upgrade Pump Station 0614 to obtain a Miami Dade RER permit to carry out the project. The upgrade consisted of the installation of larger submersible pumps in the wet well which will bring PS 0614 into compliance with the peak flow criteria and Consent Decree regulations. Cost \$ 541,879 Fee \$ 25,952.39		<input checked="" type="checkbox"/> Check if project performed with current firm		

SF330

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

12. NAME Cristobal Betancourt, RLA	13. ROLE IN THIS CONTRACT Landscape Architecture	14. YEARS EXPERIENCE a. TOTAL 23 b. WITH CURRENT FIRM 7	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, West Palm Beach, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Landscape Architecture Master of Science / Masters of Urban Design		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Registered Landscape Architect/ NJ / Registered Landscape Architect/ NY / Registered Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Betancourt is Chen Moore and Associates' Director of Landscape Architecture and Planning. He has over 23 years of experience providing planning and landscape architecture design solutions for public and private sector clients. Mr. Betancourt provides a full range of services starting with due diligence and master planning culminating in detailed site design. He is well versed in the use of low-impact development techniques applied to site planning.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Architect. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799	[X] Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	(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 Project Manager. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspector services for the project. The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Fee 235,739.98 Cost \$ 4.1 Million	[X] Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Westside Park Baseball Field Deerfield Beach, FL	(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 Project Manager. CMA provided design, permitting and construction engineering inspection services for the conversion of an existing football field and multi-purpose field into one Babe Ruth Baseball field, one Little League Baseball field, and one practice baseball field for the City of Deerfield Beach Parks and Recreation Department. CMA was responsible for providing survey geotechnical, site planning, civil engineering, landscape architecture, MEP and structural engineering services. Fee \$ 181,565 Cost \$ 1.6 Million	[X] Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvement Project Streetscape Plan Fort Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012 CONSTRUCTION <i>(If applicable)</i> 2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA developed a streetscape master plan for Dixie Highway in the Middle River Terrace Neighborhood of Fort Lauderdale, Florida. CMA was contracted by the City to work with the local homeowner's association who received a grant to fund the development of a complete streets master plan. The neighborhood was developed prior to many current planning and zoning standards being implemented in the City, as a result, the community has concerns about unsafe conditions for pedestrians and bicyclists due to unregulated land development patterns. CMA is developing the master plan to include pedestrian and bike trails, to narrow the width of the travel ways, and to add hardscape and landscape beautification, including the development of gateway features into the neighborhood. In order to facilitate the master plan, CMA analyzed the area with regard to current zoning and right of way conditions and conducting field studies at different times of the day to understand on the ground conditions that are affecting resident safety. The Project requires coordination with the City of Fort Lauderdale and District 4 of the Florida Department of Transportation. Cost \$ 3,300,000 Fee \$ 17,550	[X] Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Hillsboro Blvd-SR7 to Florida Turnpike Coconut Creek, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION <i>(If applicable)</i> 2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Project Manager. Hillsboro Boulevard Median Improvements (FDOT D4). Prepared construction documents for the landscape beautification along Hillsboro Blvd. The Plans were prepared for the City of Coconut Creek to enhancing the existing landscape on Hillsboro Boulevard between SR7/441 to Florida Turnpike/SR91. These improvements are limited to the medians only and include creating gateways into the City, defining hierarchy of cross streets, overall beautification, irrigation and irrigator pump replacement. Fee \$ 19,000	[X] Check if project performed with current firm	

SF330

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

12. NAME Eric Harrison, RLA	13. ROLE IN THIS CONTRACT Landscape Architecture	14. YEARS EXPERIENCE a. TOTAL 15 b. WITH CURRENT FIRM 5	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, West Palm Beach, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Landscape Architecture Associate of Arts /		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Registered Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Harrison has over 16 years of landscape architecture experience with several municipalities throughout South Florida. He has provided design services for parks and recreation, university campuses, K-12 education, corporate office, commercial developments and healthcare facilities.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Landscape Architect. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If applicable)</i> Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Landscape Architect. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	(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 [X] Check if project performed with current firm Landscape Architect. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Fee 235,739.98 Cost \$ 4.1 Million		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Westside Park Baseball Field Deerfield Beach, FL	(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 [X] Check if project performed with current firm Landscape Architect. CMA provided design, permitting and construction engineering inspection services for the conversion of an existing football field and multi-purpose field into one Babe Ruth Baseball field, one Little League Baseball field, and one practice baseball field for the City of Deerfield Beach Parks and Recreation Department. CMA was responsible for providing survey, geotechnical, site planning, civil engineering, landscape architecture, MEP and structural engineering services. Fee \$ 181,565 Cost \$ 1.6 Million		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Hillsboro Blvd-SR7 to Florida Turnpike Coconut Creek, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION <i>(If applicable)</i> 2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Landscape Architect. Hillsboro Boulevard Median Improvements (FDOT D4). Prepared construction documents for the landscape beautification along Hillsboro Blvd. The Plans were prepared for the City of Coconut Creek to enhancing the existing landscape on Hillsboro Boulevard between SR7/441 to Florida Turnpike/SR91. These improvements are limited to the medians only and include creating gateways into the City, defining hierarchy of cross streets, overall beautification, irrigation and irrigation pump replacement. Fee \$ 19,000		

SF330

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

12. NAME Marc Bortak, CID	13. ROLE IN THIS CONTRACT Irrigation Design	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION *(City and State)*
Chen Moore and Associates, West Palm Beach, FL

16. EDUCATION *(Degree and Specialization)*
Bachelor of Science / Interdisciplinary Studies

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

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

Mr. Bortak is a certified irrigation designer – commercial for Chen Moore and Associates. He has over 13 years of experience with all aspects of irrigation consulting, design, details and specifications. He prepares landscape, hardscape, and irrigation plans from concept to construction documents; irrigation distribution plans; water use permits; water use analysis; LEED documentation and calculations. Mr. Bortak also performs construction administration, shop drawing review, and inspections. He is responsible for producing plan and section renderings and graphics, and realistic 3D renderings and fly-through videos.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Designer. CMA prepared design plans and technical specifications for the proposed replacement of Master Lift Station 11 for the City of Wilton Manors. The project involves the installation of new wetwell with new submersible pumps along with associated valve vault, flow meter, control panel components, and a new emergency generator. It serves as the master pump station for the City of Wilton Manors by receiving all sanitary flow from the City limits and pumping to the force main network of the City of Fort Lauderdale for disposal and treatment. Lift Station 11 currently has 75 HP pumps in a "canned" dry pit configuration which is housed in a concrete masonry block structure. Due to the age of the facility along with the inadequate pumping capacity, the City of Wilton Manors wishes to replace Lift Station 11 to ensure adequate pumping capacity in the future. Fee \$ 64,410	[X] Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvements Wilton Manors, FL	(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 Landscape Designer. The City of Wilton Manors retained CMA to design a roadway improvement along a portion of North Dixie Highway within the City limits. The intention of the project was to implement the following elements along North Dixie Highway within the project limits: Install new bicycle lanes along the corridor on both sides of roadway. Install new curbing and gutter to accommodate new roadway section. Install new pedestrian sidewalks to accommodate new roadway section. Install pedestrian level lighting along new sidewalk as allowed by adjacent private property. Install limited landscaping in available right of way areas along corridor. Modify existing drainage facilities to accommodate new roadway section. Fee \$ 128,390	[X] Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Fort Lauderdale Beach Park Fort Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Designer. The purpose of this project was to provide the restoration and enhancement of the City-owned 6.5-acre "South Beach" parking lot, located along SR A1A, south of Las Olas Boulevard. The scope of work includes bringing the parking lot into ADA compliance per requirements of consent decree, replacing a deteriorating low profile wall and sidewalk approximately 2100 feet in length, replacing existing lighting with turtle-compliant fixtures, and designing additional landscaping. Chen Moore and Associates prepared the required DRC submittal, which included all required public purpose approvals, as well as a conceptual layout of a new entrance at the southern end of the parking lot. This project was a joint effort between various City departments, including the City of Fort Lauderdale Beach Community Redevelopment Agency and Parking Services. CMA coordinated the pre-construction historical site review. Cost \$ 3,400,000 Fee 198,780	[X] Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	(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 Landscape Designer. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project. The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Fee 235,739.98 Cost \$ 4.1 Million	[X] Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Westside Park Baseball Field Deerfield Beach, FL	(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 Landscape Designer. CMA provided design, permitting and construction engineering inspection services for the conversion of an existing football field and multi-purpose field into one Babe Ruth Baseball field, one Little League Baseball field, and one practice baseball field for the City of Deerfield Beach Parks and Recreation Department. CMA was responsible for providing survey, geotechnical, site planning, civil engineering, landscape architecture, MEP and structural engineering services. Fee \$ 181,565 Cost \$ 1.6 Million	[X] Check if project performed with current firm	

SF330

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

12. NAME Amber Mathis, CA	13. ROLE IN THIS CONTRACT Arborist Services	14. YEARS EXPERIENCE a. TOTAL 4 b. WITH CURRENT FIRM 1	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, West Palm Beach, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Landscape Architecture		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ms. Mathis is a certified arborist and a landscape designer in CMA's West Palm Beach office. Her previous experience includes serving as a Horticulturist for the City of Gainesville where she developed and implemented the City of Gainesville's tree planting programs; coordinated the installation and maintenance of young trees on City property; supervised assigned employees; inspected tree removal permits; assisted in shade tree inspections for new development; assisted with Code Enforcement inquiries regarding tree regulations; coordinated with the CRA and the Public Works Department on capital improvement projects to include design, development and inspection; and wrote, coordinated and oversaw professional service contracts.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	[X] Check if project performed with current firm Landscape Designer. CMA is providing engineering design services for the under-Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. Cost \$ 13M Fee \$ 812,799		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	[X] Check if project performed with current firm Landscape Designer. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. Fee \$ 3,544,729.24		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Old Pompano Area Improvements Pompano Beach, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	[X] Check if project performed with current firm Landscape Designer. CMA will assist in the preparation of roadway and hardscape plans for over two miles of Aviation Boulevard including a segment of 107th Street which is adjacent to the regional airport in the City of Marathon. The project considers the shift of the existing roadway centerline to accommodate a shared 8â€™™ shared path that includes specialty lighting, hardscape elements including benches, pavers and landscaping at various areas along the road. Traffic calming elements including speed humps are being implemented. The project also includes geometric modifications to the roadway along with considerations for existing utilities and stormwater. Fee \$ 116,000		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Aviation Blvd Roadway & Hardscape Improvements Marathon, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	[X] Check if project performed with current firm Landscape Architect. CMA will assist in the preparation of roadway and hardscape plans for over two miles of Aviation Boulevard including a segment of 107th Street which is adjacent to the regional airport in the City of Marathon. The project considers the shift of the existing roadway centerline to accommodate a shared 8â€™™ shared path that includes specialty lighting, hardscape elements including benches, pavers and landscaping at various areas along the road. Traffic calming elements including speed humps are being implemented. The project also includes geometric modifications to the roadway along with considerations for existing utilities and stormwater. Fee \$ 116,000		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Avondale Stormwater Improvements Pompano Beach, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	[X] Check if project performed with current firm Landscape Designer. The primary purpose of the Avondale Stormwater Improvement Project is to reduce the flooding depth and duration within the neighborhood during significant storm events. Based on our analysis of the various system improvement alternatives during the Stormwater Master Plan, the implementation of a stormwater pumping system into the SFWMD G16 Canal would be the most effective option for reducing the peak flood stage and reducing the flood duration within the Avondale Neighborhood by increasing the discharge rate via the existing outfalls when the canal levels are elevated. Stormwater improvements within the Avondale neighborhood will encounter limitations due to the regulatory requirements on the stormwater discharges via the system outfalls. Since this neighborhood discharges into the SFWMD G-16 Canal, which is currently listed as an impaired water body by the Florida Department of Environmental Protection, the level of water quality improvements is critical to enable the potential implementation of a new stormwater improvements within the Avondale neighborhood. Fee \$ 285,025		

SF330

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

12. NAME David O. Charland, P.E., S.I.	13. ROLE IN THIS CONTRACT QA/QC and Principal-in-Charge	14. YEARS EXPERIENCE a. TOTAL 55 b. WITH CURRENT FIRM 51	
15. FIRM NAME AND LOCATION (City and State) TRC Worldwide Engineering, Inc., Plantation, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) University of Florida Bachelor in Civil Engineering, Specializing in Structural Engineering	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Professional Engineer: FL #8802; Special Inspector / Threshold Buildings; FL #0042; Professional Land Surveyor, (retired) FL # 1749		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE) American Concrete Institute (ACI)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Pembroke Pines, Civic Center and City Hall Pembroke Pines, Florida	PROFESSIONAL SERVICES Structural Engineer 2015	CONSTRUCTION (If applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. 4- story, 166,895 SF; 3,500 seat performing arts center with banquet room, exhibition, grand hall, full service kitchen, dressing and green rooms; exquisitely designed grand lobby and Administrative offices for the City; stand-alone 6,000 SF Commission Chambers building serves as the legislative venue for the elected officials. A 10,000 SF art gallery defines the north end of the Complex. Buildings surround a multi-media ready Community Plaza. The 180-foot-long, 70-foot-high wall of glass separates the Civic Center from the Community Plaza and provides a great view into and out of the building. City Hall building houses Administration offices, a 175 seat Commission Chamber and Emergency Operations Center. The complex was designed using "green" practices. (Project Value: \$60 MM). Project Role: Project Engineer, Structural Design Services.		
(1) TITLE AND LOCATION (City and State) City of Miramar, Community Center and Cultural Amphitheater Miramar, Florida		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Project consists of stage, dressing rooms, electrical and data room, restrooms which is about 5,000 SF and a tensile canopy which is about 18,000 SF; Construction Cost: \$4 MM. Project Role: Principal-in-Charge, Structural Design Services.		
(1) TITLE AND LOCATION (City and State) Florida International University (FIU), Wellness Center, South Campus Miami, FL		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. 3-story 61,738 GSF expansion of existing Recreation Center; Indoor: 6,600 SF state-of-the-art cardio room, 6,500 SF strength room, 3 additional basketball court gymnasium, 3,000 SF men's and women's locker rooms with two shower/changing rooms and two bathrooms, 3 new fitness rooms for spinning, martial arts and group training, office for personal trainers and clients, racquetball/squash convertible court, one dedicated racquetball court, new student lounge, TVs and device charging stations, 1/12 mile indoor jogging/walking track; Outdoor: 2 basketball courts, sand volleyball court with spectator seating, new south-facing grand entrance; expansion is comprised of concrete tilt-up panels, steel columns, and composite metal deck with concrete fill. Designed footings near existing building. Project Value: \$18.1 MM; Project Role: Principal-in-Charge, Structural Design Services.		
(1) TITLE AND LOCATION (City and State) Margaritaville Hollywood Beach Resort Hollywood Beach, Florida		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. The 870,000 SF, 8- story hotel with 9 levels of parking garage; building structure consists of auger cast piles, cast in place post tensioned concrete slabs, columns, beams and shear walls; resort features FlowRider® simulator wave pool; located beach front, connected to the outdoor pool -creates artificial, 20 to 30 MPH surfable waves; public access from beach board walk; bldg. ground floor consists of the lobby, kitchen, storage and receiving areas, bars and restaurants; 2nd floor houses the spa; 3rd to 9th floors, garaged parking; 10th floor banquet kitchen, grand ballroom, meeting/ board rooms, salons, hotel administration and housekeeping offices; the 11th floor features a recreation deck, swimming pool and hotel rooms; additional hotel rooms located on 12th to 17th floors. Project Value: \$100 MM; Project Role: Project Engineer, Structural Design Services.		
(1) TITLE AND LOCATION (City and State) City of Sunrise, Public Safety Complex Sunrise, FL		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Provided Structural Engineering design and contract administration services for this \$35 MM, 125,000 GSF Public Safety Complex. The complex, hardened to withstand a Category 5 hurricane, includes facilities for the Police Department, Fire-Rescue Administration, a Municipal Emergency Operations Center (EOC) and a joint Training Center that includes a Weapons Firing Range. Role: Principal -in-Charge, Structural Design Services.		

SF330

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

12. NAME Nitin Ranadive, P.E.	13. ROLE IN THIS CONTRACT Engineer-of-Record, Project Manager	14. YEARS EXPERIENCE a. TOTAL 32 b. WITH CURRENT FIRM 3 years	
15. FIRM NAME AND LOCATION <i>(City and State)</i> TRC Worldwide Engineering, Inc., Fort Lauderdale, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science in Civil Engineering Bachelor of Science in Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: MD, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
City of Pembroke Pines, Civic Center and City Hall Pembroke Pines, Florida	PROFESSIONAL SERVICES Structural Engineering 2015	CONSTRUCTION <i>(If Applicable)</i> 2017
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 4- story, 166,895 SF; 3,500 seat performing arts center with banquet room, exhibition grand hall, full service kitchen, dressing and green rooms; exquisitely designed grand lobby and Administrative offices for the City; stand- alone 6,000 SF Commission Chambers building serves as the legislative venue for the elected officials. A 10,000 SF art gallery defines the north end of the Complex. Buildings surround a multi- media ready Community Plaza. The 180-foot-long, 70-foot-high wall of glass separates the Civic Center from the Community Plaza and provides a great view into and out of the building. City Hall building houses Administration offices, a 175 seat Commission Chamber and Emergency Operations Center. The complex was designed using "green" practices. (Project Value: \$60 MM). Project Role: Project Engineer/ Manager, Structural Design Services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Sunrise, Public Safety Complex Sunrise, FL	PROFESSIONAL SERVICES Structural Engineering 2015	CONSTRUCTION <i>(If Applicable)</i> 2011
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Provided Structural Engineering design and contract administration services; 125,000 GSF Public Safety complex includes Police Department, Fire-Rescue Administration, a Municipal Emergency Operations Center (EOC) and a joint Training Center with Weapons Firing Range. Hardened facility to withstand a Category 5 hurricane. Project Value: \$35 MM; Project Role: Project Engineer /Manager, Structural Design Services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Miramar, Community Center and Cultural Amphitheater Miramar, FL	PROFESSIONAL SERVICES Structural Engineering 2016	CONSTRUCTION <i>(If Applicable)</i> 2017
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Cultural Amphitheater Complex with 1,500 non-permanent seats and a lawn seating capacity of 2,500 under canopy structure; site includes a memorial wall, pedestrian pathways food truck and vendor areas; the stage, dressing room, electrical, data room and restrooms are approx. 5,000 SF and the tensile canopy covers an area approx. 18,000 SF; Project Value: \$4 MM; Project Role: Project Engineer/ Manager, Structural Design Services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Martin County Jail/ Medical Pod Building, Martin County Holt Correctional Center, Stuart, FL	PROFESSIONAL SERVICES Structural Engineering 2015	CONSTRUCTION <i>(If Applicable)</i> 2017
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Renovation and addition to the Martin County Jail Medical Facility; renovation of existing 2,100 SF medical facility and construction of a new 2,850 SF building addition for isolation and hospital medical rooms. Project Role: Project Engineer/ Manager, Structural Design Services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Florida International University, (FIU) Wellness Center, Miami, FL	PROFESSIONAL SERVICES Structural Engineering 2015	CONSTRUCTION <i>(If Applicable)</i> 2017
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 60,000 SF expansion of existing south campus Wellness and Recreation Center at FIU; new 3-court basketball/volleyball gymnasium, new weight and cardio areas, indoor racquetball court and running track; lounge and office space; 3-story structural system is comprised of concrete tilt-up panels, steel columns and beams, and composite metal deck with concrete fill; structure bears on shallow footings; Project Value: \$18.1 MM; Project Value: Project Engineer/ Manager, Structural Design Services.	<input checked="" type="checkbox"/> Check if project performed with current firm	

SF330

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

12. NAME Noel A. Zamora, P.E.	13. ROLE IN THIS CONTRACT Project Engineer Structural Engineering Services	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) TRC Worldwide Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Masters of Engineering in Structures Bachelor of Science in Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Professional Engineer: Florida #74572	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Order of the Engineer; Tau Beta Pi Honor Society; Engineering Honor Society; Civil Engineering Honor Society; Certificate of Recognition/Co-Author - ACI 2000 Spring Convention			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	City of Pembroke Pines, City Hall and Civic Center Pembroke Pines, FL	Structural Engineering 2015	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	4- story, 166,895 SF; 3,500 seat performing arts center with banquet room, exhibition grand hall, full service kitchen, dressing and green rooms; exquisitely designed grand lobby and Administrative offices for the City; stand- alone 6,000 SF Commission Chambers building serves as the legislative venue for the elected officials. A 10,000 SF art gallery defines the north end of the Complex. Buildings surround a multi-media ready Community Plaza. The 180-foot-long, 70-foot-high wall of glass separates the Civic Center from the Community Plaza and provides a great view into and out of the building. City Hall building houses Administration offices, a 175 seat Commission Chamber and the Emergency Operations Center. The complex was designed using "green" practices. Project Value: \$60 MM; Project Role: Project Engineer, Structural Design Services.		
b.	Nova Southeastern University, Center for Collaborative Research Fort Lauderdale, FL	Structural Engineering 2014	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Provided Structural Engineering design, construction administration and threshold inspection services for the research facility; new six-story, 200,000 SF office and laboratory building and the 90,000 SF addition to the existing parking garage, (which was designed by TRC in 1994); building was designed for the Rumbaugh-Goodwin Institute for Cancer Research, Florida Lambda Rail, information and technology services; designed for the Health Professions Division, Oceanographic Center and the U.S. Geological Survey (USGS). The federal agency partnered with NSU, Florida Atlantic University and the University of Florida to promote scientific cooperation for the Greater Everglades Restoration Project, the largest public works program in U.S. history. Project Value: \$26 MM; Project Role: Project Engineer, Structural Design Services.		
c.	City of Sunrise, Public Safety Complex Sunrise, FL	Structural Engineering 2015	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE;	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Provided Structural Engineering design and contract administration services for the 125, 000 GSF, Public Safety Complex; hardened to withstand a Category 5 hurricane; includes facilities for the Police Department, Fire-Rescue Administration, a Municipal Emergency Operations Center (EOC) and a joint Training Center that includes a Weapons Firing Range. Project Value: \$35 MM; Project Role: Project Engineer, Structural Design Services.		
d.	Sunrise Senior Center Sunrise, FL	Structural Engineering 2015	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Addition and Renovation Project: New fitness room, game room, craft room, computer class room, teaching kitchen, and renovation of community room. Checked existing roof and structure for installation of new roof top units. Measured existing joist dimensions and member sizes; designed the supporting structure including columns, footing and roof connections to support the roof top units. Project Value: \$2.2 MM; Project Role: Project Engineer.		
e.	Margaritaville Hollywood Beach Resort Hollywood, FL	Structural Engineering 2013	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	The 870,000 SF resort features FlowRider® simulator wave pool; located beach front, connected to the outdoor pool -creates artificial, 20 to 30 MPH waves that you can surf; accessible to the public from the beach board walk; bldg. ground floor consists of the lobby, kitchen, storage and receiving areas, bars and restaurants; 2nd floor houses the spa; 3rd to 9th floors contain garaged parking; 10th floor consists of banquet kitchen, grand ballroom, meeting and board rooms, salons, hotel administration and housekeeping offices; the 11th floor features a recreation deck, swimming pool and hotel rooms; additional hotel rooms located on 12th to 17th floors. Project Value: \$100 MM; Project Role: Project Engineer, Structural Design Services.		

SF330

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

12. NAME Stephen Bender		13. ROLE IN THIS CONTRACT Project Manager Mechanical Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 28	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION <i>(City and State)</i> Delta G Consulting Engineering, Inc. Ft. Lauderdale, Florida					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BSME 1989 LEED Accredited			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> NJ PE #41332, FL PE #58998		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Lighting controls & emergency generator training seminars. Member of NFPA.					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
City of Lauderhill Golf Course Lauderhill, FL Maintenance Building		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017
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	
Services included detailed construction documents for fire sprinklers, electrical and mechanical systems with specifications and coordination with regulatory agencies and building departments for permit.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
EOC Buildout New BCAD Mainenance Weston, Fl Building		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2015
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Services included detailed construction documents for fire sprinklers, electrical and mechanical systems with specifications and coordination with regulatory agencies and building departments for permit.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Broward County Transit Maintenance Fort Lauderdale, Center FL		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
We Provided the Mechancial, Electrical, Plumbing and Fire Design for the Building. Estimated Cost of our part of this job is \$3.5k. S.F is 8.300.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Lago Mar Maintenance Facility Lago Mar, Fl		PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> 2009
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
This proposal is for code compliant photometrics, fixture selection, pole selection, electrical construction documents and details			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Sunrise Public Works Building Sunrise, FL		PROFESSIONAL SERVICES 200	CONSTRUCTION <i>(If applicable)</i> 2004
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
The scope of work for this project includes investigation of existing conditions, the design of electrical and mechanical systems for the implementation of emergency power distribution to all building electrical loads.			

SF330

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

12. NAME Craig Bozeman		13. ROLE IN THIS CONTRACT Electrical Designer		14. YEARS EXPERIENCE	
				a. TOTAL 36	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION <i>(City and State)</i> Delta G Consulting Engineering, Inc. Ft. Lauderdale, Florida					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BSME 1989 LEED Accredited			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Lighting controls & emergency generator training seminars. Member of NFPA.					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
FLL Airport - Modernization Program Fort Lauderdale, Terminal 1 Concourse A FL		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017
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	
Delta G Consulting Engineers provided professional services to design MEPFS systems for the new Terminal 1 Concourse A expansion at FLL. Services include detailed construction documents for Electrical, HVAC, Plumbing, and Fire Sprinkler systems with specifications and coordination with regulatory agencies and building department for permits.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Sullivan Park Deerfield Beach, Fl		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Delta G Consulting Engineers, Inc. provided services to design systems for a new Toilet Room Building, one Open Pavilion Building, and one Stair Tower structure. Services included detailed construction documents for MEP systems with coordination with regulatory agencies and building departments for permit approval and bidding.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Dania Beach Library Dania Beach, FL		PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> 2009
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
A one story 10,000 s.f. project consisting of complete site electrical infrastructure and M/E/P/FS construction documents. LEED Gold Certification.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Sunview Park Building Fort Lauderdale, Fl		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Delta G Consulting Engineers, Inc. provided professional services to design systems for a single building of approximately 2,400 s.f. Services included detailed construction documents for electrical, mechanical and plumbing systems with specifications and coordination with regulatory agencies and building departments for permit approval.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Community Center Emergency Generator Project Weston, FL		PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(If applicable)</i> 2007
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
The scope of work for this project includes investigation of existing conditions, the design of electrical and mechanical systems for the implementation of emergency power distribution to all building electrical loads.			

SF330

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

12. NAME Norelkis Roman		13. ROLE IN THIS CONTRACT Plumbing Designer		14. YEARS EXPERIENCE	
				a. TOTAL 8	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Delta G Consulting Engineering, Inc. Ft. Lauderdale, Florida 33304					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science in Plumbing Engineering Degree at University of Havana, Cuba			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Sunrise Public Works Sunrise, FL		PROFESSIONAL SERVICES 2005	CONSTRUCTION <i>(If applicable)</i> 2012
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	
Delta G was responsible for the electrical, fire alarm, and site distribution for the 26,300 s.f. office building and the 15,700 s.f. fleet building. Estimated cost was \$4.5M.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Sunrise Village Multipurpose Center Sunrise, FL		PROFESSIONAL SERVICES 2003	CONSTRUCTION <i>(If applicable)</i> 2008
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Services for professional HVAC, Plumbing, Fire Protection and Electrical Engineering Construction Documents for the 16,500 S.F. MULTIPURPOSE/GYM BUILDING FOR THE CITY OF SUNRISE			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Sunrise Holiday Inn Sunrise, FL		PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(If applicable)</i> 2008
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Services shall include detailed construction documents for electrical, HVAC, Fire Protection and plumbing with specifications and coordination with regulatory agencies and building departments for permit.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Multiple Projects at The Bank Atlantic Center Sunrise, FL		PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> 2010
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Multiple Projects involving mostly electrical work, including lighting, signage, controls, etc.			
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Piper High School Sunrise, FL		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> 2008
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
This project is a remodel of existing Restrooms, to new ADA standards, with a total 18 Single and Group bathrooms of approximately 3500 s.f.			

SF330

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

12. NAME Jorge Bahamonde		13. ROLE IN THIS CONTRACT Fire Protection Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 10	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION <i>(City and State)</i> Delta G Consulting Engineering, Inc. Ft. Lauderdale, Florida					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science in Mechanical Engineering at Catholic University of Peru.			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> LEED, AP					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Sullivan Park Deerfield Beach, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Delta G Consulting Engineers, Inc. provided services to design systems for a new Toilet Room Building, one Open Pavilion Building, and one Stair Tower structure. Services included detailed construction documents for MEP systems with coordination with regulatory agencies and building departments for permit approval and bidding.		
		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> FLL Airport - Modernization Program Fort Lauderdale, Terminal 1 Concourse A FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Delta G Consulting Engineers provided professional services to design MEPFS systems for the new Terminal 1 Concourse A expansion at FLL. Services include detailed construction documents for Electrical, HVAC, Plumbing, and Fire Sprinkler systems with specifications and coordination with regulatory agencies and building department for permits.		
		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> Ocean Park Restroom Renovation Dania Beach, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Delta G Consulting Engineers, Inc. provided professional services to design systems for the above project as required for permit and code compliance. Services included site survey and documentation of existing conditions and detailed construction documents for MEP systems with specifications and coordination with regulatory agencies for permits.		
		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> Lauderhill Municipal Building Lauderhill, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i>
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Delta G was responsible for the M/E/P/F Design of this 40,000 s.f. building includes staff offices with workspaces, building department, city commission chambers and a Multi-use meeting room.		
		<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> Dania Beach Library Dania Beach, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A one story 10,000 s.f. project consisting of complete site electrical infrastructure and M/E/P/FS construction documents. LEED Gold Certification.		
		<input type="checkbox"/> Check if project performed with current firm	

SF330

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 Project Manager, Principal Geotechnical Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 31	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State) TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida					
16. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering, Christian Brothers University, 1987 MS Civil Engineering, University of Memphis, 1996			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida No. 53567		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer; Geotechnical Material Engineering Council, Past Chairman Mr. Raj Krishnasamy, P.E. will serve as Project Manager, the single Point of Contact for the City and QA/QC Officer. He is a Florida-registered Professional Engineer with 31 years of professional experience and a Master of Science in Geotechnical Engineering. As President and Principal Engineer of TSF, Mr. Krishnasamy oversees all geotechnical engineering, construction materials testing, and inspection services operations. His experience is highlighted by over 5,000 public and private projects, design-build projects totaling over \$2 billion in construction costs, and numerous prominent projects. Mr. Krishnasamy has extensive experience as Project Manager and QA/QC Officer for continuing contracts providing geotechnical engineering, laboratory services, and construction material testing. He serves as Project Manager for continuing contracts with over 20 Florida public agencies with a history of repeatedly retaining those contracts through successful, cost-effective and prompt execution of each task order. Mr. Krishnasamy's daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida. Mr. Krishnasamy and his highly experienced team focus on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget.					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Broward College – South Campus, Building # 98 - Automotive/Marine Center, Pembroke Pines, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the principal in charge of the construction material testing services for the Automotive/Marine Center at Broward College's South Campus in Pembroke Pines. The project consisted of backfilling the existing retention pond, a new one-story automotive/marine center, asphalt pavement, sidewalks, and curbs. The building has a shallow foundation, slab-on-grade, CMU walls, and metal wall sheeting. Site improvements were included with the addition of new drainage lines, and dry retention pond.		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Animal Care and Adoption Facility Broward County, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the principal in charge of the geotechnical engineering and construction material testing services for the new Animal Care Adoption Facility located in Broward County, Florida. 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.		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Shirley Branca Park – Addition Miramar, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for the Shirley Branca Park additions located at 6900 Miramar Parkway in Miramar, Florida. The proposed construction included a single-story restroom and amphitheater, new sidewalks, and concrete drive with total footprint area of approximately 3,060 square feet. TSF explored the subsurface conditions at the site to enable an evaluation of acceptable foundation systems for the construction. Provided geotechnical recommendations regarding foundation soil preparation requirements; foundation types, depths, allowable bearing capacities, and an estimate of potential settlement and, comments regarding factors that may impact construction and performance of the proposed construction.		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Parkland Library Addition, Parkland, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the principal in charge of the geotechnical engineering study Services for the library addition located at the Parkland Library in Parkland, Florida. The addition is a one-story structure with shallow foundations, slab-on-grade, and reinforced masonry walls and will wrap around the south and east sides of the existing library. Provided a geotechnical engineering report which		<input checked="" type="checkbox"/> Check if project performed with current firm		

SF330

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

outlined the testing procedures, described the site and subsurface conditions, and presented geotechnical recommendations for foundation design, Foundation soil preparation requirements, foundation types, depths, allowable bearing capacities, and an estimate of potential settlement; general site development; and comments regarding factors that may impact construction and performance of the construction.		
(1) TITLE AND LOCATION <i>(City and State)</i> Broward College - South Campus Science Building, Pembroke Pines, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2015
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mr. Krishnasamy was the principal in charge of the geotechnical study for the design phase of the project which consisted of a new 2-story building with a footprint of approximately 30,000 SF. Provided geotechnical recommendations regarding foundation design, floor slab, utilities, site preparation (floor subgrade compaction/ engineering fill and footing subgrade). During the construction phase, TSF provided materials testing and laboratory services for compliance with project specifications.		

SF330

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 22	b. WITH CURRENT FIRM 13
15. FIRM NAME AND LOCATION (City and State) TIERRA SOUTH FLORIDA, INC., 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.) Kumar Vedula, P.E. will serve as Principal Geotechnical Engineer. Mr. Vedula is a Florida-registered Professional Engineer with 22 years of geotechnical and construction materials testing experience. He specializes in geotechnical projects involving foundation design, slope stability analysis, WEAP analysis and interpreting PDA reports, excavation support, and construction inspection. Additional experience includes foundation inspections (shallow and deep foundations), soil modification (dynamic compaction, stone columns), preloading, excavations, backfilling, and post construction monitoring. Mr. Vedula has served as a principal inspector on numerous surcharging and settlement evaluations of organic laden soils assignments. His project experience includes over 20 high rise buildings, as well as foundation engineering for bridges, roadways, utilities, schools and government facilities.					
19. RELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City and State) SR-823 / Flamingo Road At SR-820 / Pines Blvd., Broward County, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)	
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for the safety improvement project for SR-823 / Flamingo Road at SR-820 / Pines Boulevard in Broward County, Florida. The improvements include installation of strain pole structures at the intersection. The purpose of the study was to provide Geotechnical input to the design team for strain pole design. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Field study included Standard Penetration Test (SPT) borings. Provided geotechnical evaluations and recommendations regarding foundation design, drilled shaft construction, 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		
	(1) TITLE AND LOCATION (City and State) SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)	
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for several roadway improvements under consideration on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County, Florida. The purpose of the study was to provide Geotechnical (i.e. soils and groundwater) input to the design team to assist in evaluation of the merits of the potential roadway improvements. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. TSF also 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 Pill Wall, Light Pole installation, and construction considerations. ✓ Completed on time ✓ Within budget		<input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) I-75 Express Lanes Segment A/B from NW 170th Street to South of Miramar Parkway, Broward & Miami-Dade Counties, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)	
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Vedula is the Geotechnical Foundation Design Engineer of Record (GFDEOR) for the project. Performed a geotechnical study for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. This corridor includes fourteen (14) bridge structures, several associated MSE Walls, about 20,000 linear feet of sound walls, Toll Gantries, CCTV poles, High Mast Light Poles, and Overhead Sign Structures. Provided pile design for bridges, and design parameters for sound walls, poles, and sign structures. Currently providing pile driving inspections and auger cast pile inspections for sound walls, and foundation certifications for bridges and sound walls. ✓ On schedule ✓ Within budget		<input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Animal Care and Adoption Facility, Broward County, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016	

SF330

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

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the principal geotechnical engineer of the geotechnical engineering and construction material testing services for the new Animal Care Adoption Facility located in Broward County, Florida. 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		
(1) TITLE AND LOCATION <i>(City and State)</i> Terminal 25 Expansion, Port Everglades, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> On-going
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering study for the Terminal 25 expansion project at Port Everglades, Florida. The construction includes a new 2-story addition to the north end of the existing Terminal 25 building, and a new access ramp to the Midport Parking Garage to the south, and high wind bollards. The ground floor area of the new Terminal 25 addition will encompass about 24,691 square feet. Auger Cast-in Place (ACIP) piles are being considered to support the walls and columns, and drilled shafts are being considered for high wind bollards. The purpose of the study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation for the proposed construction. Provided geotechnical report that outlined the testing procedures, described the site and subsurface conditions; and provided geotechnical recommendations for foundation design, Foundation soil preparation requirements; Foundation types, depths, allowable capacities, and an estimate of potential settlement general site development; along with Comments regarding factors that may impact construction and performance of the construction. ✓ Completed on time ✓ Within budget TSF is currently providing material testing services during the construction phase of the project.		

SF330

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

12. NAME Michael D. Avirom	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 45	b. WITH CURRENT FIRM 37
15. FIRM NAME AND LOCATION <i>(City and State)</i> Avirom & Associates, Inc., Boca Raton, Florida			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Business Administration Associate in Science/Land Surveying Associate in Arts		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Registered Land Surveyor #3268	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Society of Professional Land Surveyors American Congress on Surveying and Mapping National Society of Professional Land Surveyors			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Delray Beach Delray Beach, Florida (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepared boundary, topographic and tree surveys throughout the City on an as needed basis. Prepared route-of-line surveys and canal cross sections along with numerous legal descriptions and right-of-way sketch and descriptions / ongoing / Citywide Project Surveyor / \$369,600	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Boca Downtown Promenade Boca Raton, Florida (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Provided land surveying services for this project. Services included preparation of route-of-line survey and compiling all platted subdivisions into database. Established baseline of survey and benchmarks based upon NGVD 1929 per County benchmark. Locating all above ground improvements and trees within limits of right-of-way, including mapping available utility as-builts from record drawings for certified survey and computer files for engineering design services / 4,900 linear feet / Project Surveyor / \$136,600	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 <input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Boca Raton Boca Raton, Florida (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Avirom & Associates, Inc. was awarded continuous professional land surveying services on a rotation basis. Services included as-built surveys, boundary surveys, coastal mapping, GPS control surveys, hydrographic surveys and mean high water line surveys. Avirom also provided platting services to the City / ongoing / Project Surveyor	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable)	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> FPL - Statewide Subaqueous Crossings Survey Sketches and Legal Descriptions (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepared legal descriptions for Statewide Subaqueous Crossings; establish benchmarks and mean high water line and property lines; located structures, seawalls etc. within limits of crossings; sketch and descriptions were prepared in accord with Florida Department of Environmental Protection Bureau of Survey and Mapping for Submerged Land Easement Surveys / Project Surveyor / 199 parcels / \$880,000	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 <input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Boca Raton Hotel & Club and Beach Club Boca Raton, Florida (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepared boundary, topographic and tree survey of the hotel and golf course; re-platting of golf course, beach club and residential subdivision; mean high water line survey and tidal study; horizontal and vertical control from City benchmarks; legal descriptions for parcels, easements and abandonments; condominium and construction services; project has spanned a 13 year period / 160 acres / Project Surveyor / \$1.34 million	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010 <input checked="" type="checkbox"/> Check if project performed with current firm	

SF330

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Marisha M. Kreitman	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE a. TOTAL 24 b. WITH CURRENT FIRM 24	
15. FIRM NAME AND LOCATION (City and State) Avirom & Associates, Inc., Boca Raton, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Arts with a Major in Geography Geographic Information System		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Surveyor and Mapper #6555	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Society of Professional Land Surveyors			

19. RELEVANT PROJECTS

	(2) YEAR COMPLETED
(1) TITLE AND LOCATION (City and State) Atlantic Community High School Delray Beach, Florida	PROFESSIONAL SERVICES 2009 CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This site was comprised of a residential subdivision, several residential parcels, a temple and vacant land (46 acres). Prepared a boundary survey that encompassed all parcels and proceeded to provide various surveying and construction services to transform this site into a high school. Services included topographic surveys; construction layouts and grading; as-built surveys, sketch and descriptions for easements, abandonment of right-of-ways and right-of-way taking / Project Surveyor \$56,000	<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION (City and State) Village of Palm Springs Palm Springs, Florida	PROFESSIONAL SERVICES 2010 CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Reviewed resolutions and ordinances and researched public records in order to prepare a legal description of the entire corporate limits. Legal descriptions were also prepared for all voting districts within the village limits / 2.5 square mile Village limits / Project Surveyor / \$6,000	<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION (City and State) Ocean Strand Park Boca Raton, Florida	PROFESSIONAL SERVICES 2002 CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prepared a boundary, topographic and mean high water line survey, including coastal construction control line delineation and tree survey. The park spans from the Intracoastal Waterway to the Atlantic Ocean and contains 15 acres / AutoCAD Technician / \$18,500	<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION (City and State) Mapping of Town Limits Highland Beach, Florida	PROFESSIONAL SERVICES 1999 CONSTRUCTION (If Applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Established aerial targets, including photo identifiable points; obtained horizontal coordinates in NAD 83-90 adjusted to Second Order, Class II, utilizing a static GPS network to support aerial topographic mapping with rectified color raster image underlay throughout the town limits. Sufficient boundary monumentation was recovered and located with GPS to spatially define the right-of-ways and platted lot lines. Conventional topographic survey with cross-sections at 200' intervals along streets, alleys and A1A / Town limits / AutoCAD Technician / \$37,500	<input checked="" type="checkbox"/> Check if project performed with current firm
(1) TITLE AND LOCATION (City and State) Mizner Trail Golf Club Boca Raton, Florida	PROFESSIONAL SERVICES 2010 CONSTRUCTION (If Applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Supervised the establishment of targets for aerial mapping which included obtaining horizontal coordinates in NAD 83-90 of control points and photo identifiable points utilizing GPS; prepared, by conventional methods, a boundary survey of the 123 acre site that depicted interior improvements located by aerial mapping methods. Visible encroachments along the property lines were conventionally located to ensure their accuracy / Project Surveyor / \$66,000	<input checked="" type="checkbox"/> Check if project performed with current firm

SF330

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

12. NAME Thuha Nguyen Lyew	13. ROLE IN THIS CONTRACT Traffic Engineer & Transportation Planner	14. YEARS EXPERIENCE a. TOTAL 17 b. WITH CURRENT FIRM 4	
15. FIRM NAME AND LOCATION <i>(City and State)</i> via planning, inc. (Fort Lauderdale, Florida)			
16. EDUCATION <i>(Degree and Specialization)</i> Master of Science in Civil Engineering; Bachelor of Science in Mechanical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer (Florida, Civil: Transportation);	

18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Professional Traffic Operations Engineer (PTOE) Certification; Florida Section ITE Vice President and Membership Chair 2015-2017; Gold Coast Chapter ITE Past President; South Florida Chapter Women in Transportation Seminar Mentorship Program Chair 14-15; Florida Section ITE 2010 "Young Transportation Engineer of the Year"

19. RELEVANT PROJECTS		
(1) TITLE AND LOCATION <i>(City and State)</i> Operational Analysis and Safety Analysis (FDOT District 4, Florida)	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION <i>(If applicable)</i>	
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Thuha has participated in many traffic operations projects, including the completion of several safety studies, PD&E studies, and Design Traffic Technical Memoranda. She has completed crash-related statistical analyses, prepared collision diagrams, proposed countermeasures, and completed safety reports. She has taken part in a number of micro-simulation projects all over Florida and has performed reviews of micro-simulation projects along I-75, I-595, and I-95.		
(1) TITLE AND LOCATION <i>(City and State)</i> Complete Streets (FDOT District 4, Florida)	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i>	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Serving as an extension of FDOT District 4 Planning & Environmental Management (PLEM) staff, Thuha has been an active member of the Lane Elimination review team. She participated in the revision of FDOT District 4 Lane Elimination process improvement, has been reviewing each and every one of the applications and supported documents. She's also working on the primavera lane elimination review schedule and assisting with the candidate identification task.		
(1) TITLE AND LOCATION <i>(City and State)</i> Feasibility and Special Studies (FDOT District 4, Florida)	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i>	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Under the FDOT District 4 Systems Planning contract, Thuha has been leading the Lane Elimination procedure refinement on behalf of District 4's Planning Office. Under FDOT District 4 Office of Modal Development contract, Thuha participated in a number of multi-modal planning activities, including the bi-annual HOV Monitoring Project along I-95, and Broward County Downtown Terminal passenger survey.		
(1) TITLE AND LOCATION <i>(City and State)</i> Travel Demand Modeling (FDOT District 4, Florida)	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i>	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Thuha is an active member of the FDOT District 4 Travel Demand Modeling task force, and she has conducted multiple travel demand modeling projects in South Florida. For example, she assisted the FDOT District 4 Planning Office and the Regional Planning Council with the South Florida hurricane evacuation modeling project. She also prepared the 2030 Broward County model update for distribution.		
(1) TITLE AND LOCATION <i>(City and State)</i> Interagency Coordination and Public Engagement (FDOT District 4, Florida)	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i>	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Thuha has participated in numerous public engagement activities (including neighborhood outreach efforts, community engagement workshops, town hall meetings, and public hearings) as a part of the development of Transit Development Plans, Long Range Transportation Plans, and PD&E studies. She has served as a meeting organizer, a technical presenter, a newsletter reviewer, a team leader, and a workshop facilitator.		

SF330

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	
Shing Tsoi	Traffic Engineer & Transportation Planner	a. TOTAL 10	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> via planning, inc. (Fort Lauderdale, Florida)			
16. EDUCATION <i>(Degree and Specialization)</i> Master of Science in Transportation Engineering; Bachelor of Engineering in Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer (Florida, Civil: Transportation);	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Professional Traffic Operations Engineer (PTOE) Certification; International Municipal Signal Association Traffic Signal Bench Technician Level II; Institute of Transportation Engineers (ITE) Member; Gold Coast Chapter ITE Vice President			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> FDOT D4 Transportation Systems Management and Operations (TSM&O) Contract - Young Circle Data Collection Plan (FDOT District 4, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. Shing was involved in various tasks under the FDOT D4 TSM&O Contract, including development of a data collection plan to address traffic oversaturation issues at Young Circle in Hollywood. Shing conducted literature review, identified locations of existing FDOT surveillance cameras, and prepared actionable data collection forms and plans, as well as conducted trial data collection with staff in the Broward County Traffic Management Center.		
(1) TITLE AND LOCATION <i>(City and State)</i> Hickory Street Complete Streets Signing and Pavement Marking and Signal Modification, and Landscape Design (Melbourne, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. Shing served as the Engineer of Record for developing the signing and pavement marking plans with signal modification elements and the landscape plan, including roundabout signing and pavement marking, rectangular rapid flashing beacons (RRFBs) at midblock crossings and improved landscape, as part of the Hickory Street Complete Street improvement under the Local Agency Program (LAP) between FDOT and City of Melbourne, Florida.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Fort Lauderdale Traffic Engineering Services (Fort Lauderdale, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. Shing provided support for City of Fort Lauderdale Transportation and Mobility Department on various traffic engineering analyses and review services, including traffic operation analysis to evaluate road diet on NE 13th Street in Fort Lauderdale, and traffic review services for developments in Fort Lauderdale.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Hallandale Beach Traffic Study Review (Hallandale Beach, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. Shing was the project manager and worked side-by-side with City of Hallandale Beach staff to provide traffic study review support on multiple development projects. Shing provided support in traffic methodology development, site plan review, traffic circulation review, parking supply review, and consideration of multi-modal facilities near the development.		
(1) TITLE AND LOCATION <i>(City and State)</i> University Drive Mobility Improvements Corridor Planning Study (Broward County, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e. Shing developed congestion management strategies and explored transit alternatives on the 23-mile stretch of University Drive in Broward County. Shing led the traffic analysis portion of the project, developed future traffic volumes, and identified near-term and long-term improvements such as signal retiming, phasing changes, turn lane elimination, etc. in support of the pedestrian, bicycle and transit focus of the corridor.		

SF330

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

12. NAME Frederick Kaub, P.G., L.A.C.	13. ROLE IN THIS CONTRACT Professional Geologist	14. YEARS EXPERIENCE a. TOTAL 31 b. WITH CURRENT FIRM 30	
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15. FIRM NAME AND LOCATION (City and State)

GFA International, Inc., Delray Beach, Miami, Port St. Lucie, Fort Myers – Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

B.S. / Geology**Indiana University (White Star Endowment Scholarship)**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

FL / Professional Geologist**FL / Licensed Asbestos Consultant**

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

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Pembroke Pines City Hall & Civic Center, Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014 - 2017	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
<input checked="" type="checkbox"/> Check if project performed with current firm			
Professional Geologist / Project Manager Geotechnical Engineering Construction Materials Testing This project consisted of the new construction of three building components: a 172,225-square foot civic center consisting of 4-story offices surrounding a great hall with mezzanine level; a 1-story, 175-seat commission chambers consisting of approximately 5,659 square feet; and an 11,176-square foot, 1 story with mezzanine art gallery. GFA performed a Geotechnical Exploration consisting of seven standard penetration test borings to depths ranging from 25 to 45 feet below grade. In addition, GFA provided geotechnical field technicians to perform vibration monitoring. GFA also providing engineering field technicians and a certified laboratory to perform construction materials testing services for all soil, aggregate, and concrete material used for the project.			
b.	(1) TITLE AND LOCATION (City and State) Franklin Academy, Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013 - 2016	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
<input checked="" type="checkbox"/> Check if project performed with current firm			
Professional Geologist / Project Manager Geotechnical Engineering Construction Materials Testing Threshold Inspections This project consisted of the new construction of a 120,000-square foot school and a residential community with 43 single family lots. GFA performed a Geotechnical Exploration consisting of fourteen standard penetration test borings to depths of 15 feet below existing grade, nine standard penetration test borings to depths of 20 feet below existing grade, four standard penetration tests to depths of 30 feet below existing grade, and sixteen exfiltration tests to depths of 10 feet below existing grade. GFA provided engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soil, aggregate, and concrete material used for the project. GFA provided licensed inspectors to perform Threshold Inspections for reinforcing steel placements, shoring and re-shoring inspection verification, pre and post fill cell grouting, concrete and grout placement monitoring, and structural steel.			
c.	(1) TITLE AND LOCATION (City and State) City of Hollywood Salinity Monitoring Wells, Hollywood, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
<input checked="" type="checkbox"/> Check if project performed with current firm			
Professional Geologist / Project Manager Geotechnical Engineering This project included the installation of four deep salinity monitoring wells to depths of 220'. The 2-inch wells are used for monitoring of salt water intrusion along the coast of Florida and aid the USGS and City Managers in managing the delicate water resources for the City of Hollywood. In order to meet the time lines and provide near continuous soil sample for the project, GFA utilized a Geoprobe 8150LS Rotary Sonic Drill Rig. GFA International Services consisted of: Rotary sonic sampling using the 4 x 6 sampling system; Construction of 2' diameter monitoring wells to 220'; Professional Geological report and monitoring; Water conductivity logging of the completed borehole; CCTV camera of completed wells. Challenges encountered Project specifications required discriminate interval water sampling of the boring to determine the conductivity and water quality to design screen interval of the well. To accomplish this GFA used an inflatable packer system designed specifically for the sonic tooling to seal off the water column and pull water samples from specific depth intervals as required by the project geologist.			

SF330

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

d.	(1) TITLE AND LOCATION (City and State) North Perry Airport Wayman Flight School, Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Professional Geologist / Project Manager Geotechnical Engineering This project consists of the new construction of a one-story, 11,267-sqaure foot classroom building and an associated 40,000-sqaure foot paved ramp/apron. GFA performed a geotechnical exploration consisting of three standard penetration test borings to depths of 15-feet below existing grade, seven standard penetration test borings to depths of 10-feet below existing grade, and two exfiltration tests to depths of 10-feet below existing grade.		
e.	(1) TITLE AND LOCATION (City and State) City of Pompano Beach Fire Station #52, Pompano Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Professional Geologist / Project Manager Geotechnical Engineering This project consists of the new construction of a 2-story office building with associated appurtenances located in Miramar, Florida. GFA performed a Preliminary Geotechnical Exploration consisting of five standard penetration test borings to depths ranging from 10 to 20 feet below existing grade. After the existing building on the site was demolished, GFA performed a Final Geotechnical Exploration consisting of five standard penetration test borings to depths of 20-feet below existing grade.		
f.	(1) TITLE AND LOCATION (City and State) Sweetwater Pump Stations Phase IIB, Sweetwater, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Professional Geologist / Project Manager Geotechnical Engineering This project consisted of the new construction of two pump stations and a 36-inch force main pipe in the City of Sweetwater, Florida. GFA performed a Geotechnical Exploration consisting of two standard penetration test borings to depths of 25-feet below existing grade and four standard penetration test borings to depths of 15-feet below existing grade.		

SF330

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	
Carlos A. Mercado, M.S., P.E.	Branch Manager / Sr. Geotechnical Engineer	a. TOTAL	b. WITH CURRENT FIRM
		28	5
15. FIRM NAME AND LOCATION (City and State)			
GFA International, Inc., Delray Beach, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
B.S. Civil Engineering M.S. Geotechnical Engineering		Florida - Professional Eng. #71707 Puerto Rico - Professional Eng. #11621	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
American Society of Civil Engineers Puerto Rico Professional College of Engineers and Land Surveyors			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	South Creek Dredging, Coconut Creek, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if
		2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Sr. Geotechnical Engineer – This project consisted of performing a Geotechnical Analysis for a maintenance dredging and restoration for the South Creek Canal in Coconut Creek, Florida. GFA provided a licensed surveyor to layout property lines and easement of the 6 agreed upon properties. GFA performed 12 standard penetration test borings. 6 of the borings were completed to depths of 20 feet below grade and 6 were completed to depths of 15 feet below grade. GFA performed a total of 36 water content determinations, 3 at each boring.</p>			
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Pembroke Pines City Hall & Civic Center, Pembroke Pines, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if
		2014 - 2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Sr. Geotechnical Engineer – This project consisted of the new construction of three building components: a 172,225-square foot civic center consisting of 4-story offices surrounding a great hall with a mezzanine level; a 1-story, 175-seat commission chambers consisting of approximately 5,659-square feet; and an 11,176-square foot, 1-story with mezzanine level art gallery. GFA performed a Geotechnical Exploration consisting of seven standard penetration test borings to depths ranging from 25 to 45 feet below existing grade. In addition, GFA provided geotechnical field technicians to perform vibration monitoring. GFA also provided engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soil, aggregate, and concrete materials used for the project. Mr. Mercado was responsible for the coordination of the geotechnical field work, supervising all field personnel associated with the project, overall contract execution, calculations for foundation and site preparation recommendations, and the preparation of the final Geotechnical Exploration report, as well as reviewing and signing all Construction Materials Testing reports.</p>			
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Pompano Beach Parking Garage, Pompano Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if
		2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Sr. Geotechnical Engineer – The Pompano Beach Parking Garage consisted of the new construction of a five-story parking garage with an approximate footprint area of 239,646-square feet along with associated site work. The completed garage added 625 beach parking spaces. GFA performed a Geotechnical Exploration consisting of eight standard penetration test borings to depths ranging from 30 to 55-feet below existing grade. GFA performed a Phase I Environmental Site Assessment with an Environmental Lien Search. GFA also prepared a Soil Sampling and Analysis Report. GFA also provided geotechnical field technicians to perform Pile Installation Monitoring services. GFA provided engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soil, aggregate, and concrete material used for the project. In addition, GFA provided licensed inspectors to perform Threshold Inspections for reinforcing steel placements, shoring and re-shoring inspection verification, concrete and grout placement monitoring, pre and post fill cell grouting, and structural steel. Mr. Mercado was responsible for the coordination of the geotechnical field work, supervising all field personnel associated with the project, overall contract execution, calculations for foundation and site preparation recommendations, and the preparation of the final Geotechnical Exploration report, as well as reviewing and signing all Construction Materials Testing reports, as well as preparing a Pile Installation Monitoring report.</p>			

SF330

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

d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Stormwater Pump Station #4 By-Pass Culvert Replacement, Sunrise, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if
		2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Sr. Geotechnical Engineer – This project consisted of the replacement of an existing 72-CMP by-pass culvert at the City of Sunrise's Stormwater Pump Station #4. GFA performed a Geotechnical Exploration consisting of two standard penetration test borings to depths of 15-feet below existing grade.</p>			

e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Pompano Beach Fire Station #52, Pompano Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if
		2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Sr. Geotechnical Engineer – This project consists of the reconstruction of an existing fire station. The new fire station will have a footprint area of approximately 13,000-square feet with capacity for 4 fire apparatus. The building will feature a 2-story facility with quarters upstairs including a Battalion Chief room and office and operations on the ground floor. GFA performed a Geotechnical Exploration consisting of two exfiltration tests to depths of 10-feet below existing grade. In addition, GFA performed a Phase I Environmental Site Assessment with an Environmental Lien Search. Mr. Mercado was responsible for the coordination of the geotechnical field work, overall contract execution, and preparation and submittal of the Geotechnical Exploration report containing site preparation recommendations for the proposed construction.</p>			

RELEVANT PROJECTS CONTINUED

f.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miramar Public Safety Complex, Miramar, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if
		2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Sr. Geotechnical Engineer – This project consists of the new construction of a 2-story office building with associated appurtenances located in Miramar, Florida. GFA performed a Preliminary Geotechnical Exploration consisting of five standard penetration test borings to depths ranging from 10 to 20 feet below existing grade. After the existing building on the site was demolished, GFA performed a Final Geotechnical Exploration consisting of five standard penetration test borings to depths of 20-feet below existing grade. Mr. Mercado was responsible for the coordination of the geotechnical field work, overall contract execution, and preparation and submittal of the Geotechnical Exploration report containing foundation and site preparation recommendations for the proposed construction.</p>			

SF330

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

12. NAME Mark Clark, M.S., CEP	13. ROLE IN THIS CONTRACT Sr. Environmental Scientist III	14. YEARS EXPERIENCE a. TOTAL 27 b. WITH CURRENT FIRM 3	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Cyriacks Environmental Consulting Services,(CECOS) Inc. Deerfield Beach, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S., Entomology, Rutgers University, New Jersey, 1989 B.S., University of Tampa, Tampa, Florida, 1986		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Certified Environmental Professional No. 0349, The Academy of Board Certified Environmental Professionals. July 1997 USACE Certified Wetland Delineator FDOT Water Quality Certification Florida Stormwater, Erosion and Sedimentation Control Inspector Qualification – 2015			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
SR 786/PGA Boulevard, FDOT District 4, Palm Beach County, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) N/A
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		
Environmental Permitting, Wetland and Protected Species Evaluations - This 2.0-mile project involves elevating the roadway and constructing a new bridge to improve water flow and reduce flooding. Senior Environmental Scientist responsible for conducting biological evaluations, habitat mapping of 6,589 acres in Loxahatchee Slough, and environmental permitting for direct and indirect impacts in Palm Beach County. Extensive coordination with South Florida Water Management District (SFWMD), US Army Corps of Engineers (USACE) PBERM, and FDOT is required. In addition, Mr. Clark served as part of the Technical Advisory Group (TAG) for the Design-Build phase of this project. Specific responsibilities include the technical review and coordination.		
(1) TITLE AND LOCATION <i>(City and State)</i> Districtwide Environmental Compliance Monitoring, FDOT District 6, Various Roads, Miami-Dade & Monroe Counties, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (If Applicable) N/A	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Environmental Compliance – Contract involves providing environmental compliance services for all FDOT construction projects. Project Manager/Senior Scientist responsible for project management, technical and permitting support, and oversight of environmental compliance site inspections for construction projects for compliance with environmental permit conditions, National Environmental Policy Act (NEPA) commitments and erosion control/SWPPP. In addition, Senior Environmental Scientist responsible for permit and NEPA compliance oversight, on behalf of FDOT, for those Local Agency Program (LAP) where such permit conditions and NEPA commitments apply.		
(1) TITLE AND LOCATION <i>(City and State)</i> SR 9/I-95 Interchange at 6th Avenue Project Development and Environment (PD&E) Study, FDOT District 4, Palm Beach County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (If Applicable) N/A	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
NEPA Documentation, Wetland and Protected Species Evaluations - This project proposes improvements to the SR 9/I-95 Interchange at 6th Avenue South in the City of Lake Worth between the 10th Avenue North Interchange and the Lantana Road Interchange. The corridor is developed with several residential neighborhoods and community features adjacent to the corridor. Senior Environmental Scientist responsible for preparing and coordinating the socio-economic, air quality, Section 4(f) DOA, and natural resources components of this PD&E Study.		
(1) TITLE AND LOCATION <i>(City and State)</i> Florida's Turnpike Enterprise (FTE) Resurfacing, Guardrail and Shoulder Gutter Design Project, FTE, St. Lucie County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (If Applicable) N/A	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Wetland Delineation - This project proposes repaving the FTE mainline, intermittent shoulder widening, drainage improvements, guardrail and culvert repair for this 16-mile segment of Florida's Turnpike. Senior Environmental Scientist responsible for wetland delineation and selected species reviews associated with the culvert repairs and widening areas.		
(1) TITLE AND LOCATION <i>(City and State)</i> SR A1A, Shorewinds Drive to the Indian River County Line, FDOT District 4, St. Lucie County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012 CONSTRUCTION (If Applicable) N/A	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Wildlife Evaluation - This 5.2-mile project involved the installation of a sidewalk and slope repair along SR A1A. Adjacent to this corridor are several public conservation lands with resident gopher tortoises. Senior Environmental Scientist responsible for a 30% and 100% gopher tortoise survey of the proposed work area.		

SF330

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

12. NAME Jenna Santangelo	13. ROLE IN THIS CONTRACT Sr. Environmental Scientist II	14. YEARS EXPERIENCE a. TOTAL 16 b. WITH CURRENT FIRM 5	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Cyriacks Environmental Consulting Services (CECOS), Inc. Deerfield Beach, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> • M.S. Oceanography/Coastal Zone Management. Florida Institute of Technology, 2000. • B.S. Biology. University of Richmond, 1993.		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> • Certified Nitrox and PADI Rescue SCUBA diver • 38 Hour USACE Wetland Delineation and Management Training Program • Florida Association of Environmental Professionals (Treasurer and Director 2009-2012)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
SR-806/Atlantic Avenue from West of SR-7/US-441 to East of Lyons Road in Palm Beach County, FDOT District 4, Palm Beach County, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If Applicable)</i> N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Permitting - This FDOT project involves reconstructing a 1.1 mile existing two-lane road into four-lanes with median accommodations for an ultimate six-lane urban typical section, as well as relocating the LWDD's L-34 Canal. Senior Environmental Scientist responsible for wetland delineation, mitigation, and SFWMD and USACE environmental permitting.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> SR 710/Beeline Highway Design-Build, FDOT District 4, Palm Beach & Martin Counties, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If Applicable)</i> N/A	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Permitting and Support Environmental Studies, RFP Package Development & Post-Design Review - This project involves widening SR 710 from Martin/PBC Line to the Pratt & Whitney entrance, a distance of approximately 5.7 miles. Senior Environmental Scientist responsible for conducting wetland delineation, coordinating with agencies on over 90 acres of wetland impacts, developing functional assessment scores and cumulative impact analysis for mitigation, assisting with development of ITB and preparing the applications for SFWMD ERP and USACE Section 404 Dredge/Fill Permit.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> SR 80/Southern Boulevard and I-95 Interchange PD&E Study, FDOT District 4, Palm Beach County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If Applicable)</i> N/A	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE NEPA Documentation and Support Environmental Studies - This FDOT project involves the evaluation of viable alternatives and alignments at an existing interchange. Senior Environmental Scientist responsible for conducting all field work and preparing the Natural Resources Evaluation Report.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> SR 710/Beeline Highway, FDOT District 4, Palm Beach County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If Applicable)</i> N/A	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Permitting and Support Environmental Studies - This project involves widening SR 710 from Northlake Boulevard to SR 708/Blue Heron Boulevard, a distance of approximately 3.1 miles. Senior Environmental Specialist responsible for agency coordination, wetland delineation and impact assessment, and preparation of ERP applications for SFWMD and USACE.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> SR 9/I-95 Interchange at 6th Avenue South PD&E Study, FDOT District 4, Palm Beach County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If Applicable)</i> N/A	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE NEPA Documentation and Support Environmental Studies - This FDOT project involves the evaluation of viable alternatives and alignments at an existing interchange. Senior Environmental Scientist responsible for preparing the Natural Resources Evaluation Report, and assisting with preparation of the Section 4(f), Socio-Cultural, and Air Quality Reports.	<input checked="" type="checkbox"/> Check if project performed with current firm	

SF330

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Keith Emery	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL</td> <td>b. WITH CURRENT FIRM</td> </tr> <tr> <td>53</td> <td>42</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	53	42
a. TOTAL	b. WITH CURRENT FIRM						
53	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 & 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.) <ul style="list-style-type: none"> Past Commissioner and Chairman of the Board – Deerfield Beach Housing Authority Certified Contractor Instructor for Department of Transportation 							
19. RELEVANT PROJECTS							
(1) TITLE AND LOCATION (City and State) Broward County Prototype Park Facilities Coconut Creek, FL and West Park, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2004</td> <td>N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2004	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
2004	N/A						
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> a. 1) Tradewinds Park – Coconut Creek, FL (Maintenance Building) Size: 13,680.69 S.F); Cost: \$1,621, 961.00 2) Carver Ranches Park – Hollywood, FL (Covered Basketball Courts w/Tubular Steel Decorative Cage) Size: 11,979.91 SF; Cost: \$271,527.00 <u>Specific Role:</u> Construction Documents Cost Estimating		<input checked="" type="checkbox"/> Check if project performed with current firm					
(1) TITLE AND LOCATION (City and State) Young Circle Arts Park Hollywood, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2005</td> <td>N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2005	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
2005	N/A						
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Phase II – Visual Arts Building which will include classrooms and workshops <u>Size:</u> 4 Acres (includes park area with children's playground, water fountains, art work, performing arts center, and visual arts center); Visual Arts Center = 16,878.00 SF; Project Site Size for this Building = 42,140 SF <u>Cost:</u> \$3,998,495.76 <u>Specific Role:</u> Construction Documents Cost Estimating		<input checked="" type="checkbox"/> Check if project performed with current firm					
(1) TITLE AND LOCATION (City and State) Donaldson Park Community Center Coconut Creek, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2005</td> <td>N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2005	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
2005	N/A						
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Community Center / Park Expansion <u>Cost:</u> \$1,010,000.00 <u>Specific Role:</u> Construction Management /Owner's Representative		<input checked="" type="checkbox"/> Check if project performed with current firm					
(1) TITLE AND LOCATION (City and State) Museum Park Miami – Phases I & II Miami, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2009 / 2010 / 2014</td> <td>N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2009 / 2010 / 2014	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
2009 / 2010 / 2014	N/A						
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> Development of a new park that will house new museum; also, construction of underground parking garage <u>Size:</u> 45.52 Acres <u>Cost:</u> \$54,152,499.00 (Land Preparation & Site Amenities); \$13,892,316.00 (Parking Garage); \$297,000.00 (Staging Area) <u>Specific Role:</u> Order of Magnitude/Schematic Design/Design Development/Construction Documents Cost Estimating		<input checked="" type="checkbox"/> Check if project performed with current firm					
(1) TITLE AND LOCATION (City and State) Miramar Cultural Center / Arts Park Miramar, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2006</td> <td>N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2006	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
2006	N/A						
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <u>Description:</u> New Cultural Arts Center Building <u>Size:</u> Project Site Size = 86,994 SF; New Center's Size = 48,618 S.F <u>Cost:</u> \$16,172,649.00 <u>Specific Role:</u> Schematic Design/Construction Documents Cost Estimating		<input checked="" type="checkbox"/> Check if project performed with current firm					

SF330

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

f. (1) TITLE AND LOCATION (City and State) South County Regional Park – Phases I – III, Parcel “A” Boca Raton, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <u>Description:</u> <i>Phase I – III, Park Expansion which includes:</i> A) Golf Course and Comfort Stations B) Amphitheatre, Clubhouse, Cart Barn, Maintenance Building, Park Comfort Station, Twelve (12) Picnic Shelters, Pavilion, and Park Site <u>Cost:</u> A) \$8,014,124.00; B) \$16,605,179.00 <u>Specific Role:</u> Preliminary Master Plan/Master Plan/Schematic Design/Design Development/Construction Documents Cost Estimating		
g. (1) TITLE AND LOCATION (City and State) South Pointe Park Improvements Miami Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <u>Description:</u> Improvements: New Pavilion Building, Parking Lot, Playground, Vehicular Storage <u>Size:</u> Project Site = 696,960 SF; New Pavilion Building = 3,523 SF; Vehicular Storage = 3,300SF <u>Cost:</u> \$16,464,485.00 <u>Specific Role:</u> Construction Documents Cost Estimating		
h. (1) TITLE AND LOCATION (City and State) Pioneer Park Community Center – Phase I Deerfield Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <u>Description:</u> New 2-Story Community Center in Park (Phase I) <u>Size:</u> 38,352 SF (Building) <u>Cost:</u> \$8,500,000.00 (Building) <u>Specific Role:</u> Construction Management/Owner’s Representative		
i. (1) TITLE AND LOCATION (City and State) Fern Forest Park – Nature Center Coconut Creek, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <u>Description:</u> <i>Fern Forest Nature Center (Building):</i> 1) Overlook: <u>Cost</u> = \$43,387.00 2) Restrooms (Renovation): <u>Size</u> = 880.38 SF; <u>Cost</u> = \$272,095.64 3) A/C (1 st and 2 nd floors replacement): <u>Cost</u> = \$47,590.00 4) Re-Roofing: <u>Size</u> = 6,472 SF; <u>Cost</u> = \$105,678.50 <u>Specific Role:</u> Owner’s Representative and Schematic Design/Construction Documents Cost Estimating		
j. (1) TITLE AND LOCATION (City and State) Vista View Park Expansion Davie, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <u>Description:</u> Park Expansion (Part of Broward County Regional Parks Group) <u>Size:</u> Project Site = 104.53 acres: Administrative Office / Gate = 2,411 SF; Administrative / Maintenance Building = 1,396 SF; 2 Large Picnic Shelters #1 = 1,296 SF ea.; 2 Medium Picnic Shelter #1 = 900 SF ea.; 2 Small Picnic Shelter #1 = 576 SF ea.; Restroom Building #1 = 625 SF; Restroom Building #2 = 625 SF (also, jogging/nature/horse/walking trails, fishing & boating docks, exercise stations, children’s playground, basketball courts) <u>Cost:</u> \$8,378,472.00 <u>Specific Role:</u> Schematic Design, Design Development, Construction Documents Cost Estimating Phases Also, Contract Administration and Construction Inspections		

Continued...

SF330

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 Dania Beach – Revitalization of Ocean Park (Phase I) Dania Beach, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="954 184 1255 247">PROFESSIONAL SERVICES 2015</td> <td data-bbox="1255 184 1528 247">CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 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: Refurbishment of the existing park which includes restroom buildings renovation, new kayak building, new pedestrian drop-off/pickup area at park entrance, furnishings (benches, grills, trash receptacles, picnic tables, hammock, volleyball nets & wood supports), new dumpster, sand dune restoration, lighting, and landscaping Size: 76,000 SF (Phase I only) Cost: \$2,694,212.00 Specific Role: Design Development/Construction Documents Cost Estimating				
(1) TITLE AND LOCATION (City and State) City of Aventura – 188th Street Park, Phases I & II Aventura, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="954 499 1255 562">PROFESSIONAL SERVICES 2015</td> <td data-bbox="1255 499 1528 562">CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 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: Development of a new park alongside water (includes: Site Work, Signage, Irrigation, Landscaping, Paving/Curbs, Waterfront Walkway, Bulkhead or Marine Construction, Playground with Canopy, Exercise Area/Equipment with Canopy, Site Furnishings [i.e. Benches, Waste Receptacles, Bicycle Racks, Park Tables/Chairs, Bollards, Grills, Fences, Gates, Shade Structures, Drinking Fountains]) Size: 60,245 SF Cost: \$1,705,269.00 Specific Role: Conceptual Order of Magnitude / Construction Documents				
(1) TITLE AND LOCATION (City and State) Waller Park Renovations - ADA Improvements Project Tallahassee, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="954 835 1255 898">PROFESSIONAL SERVICES 2015</td> <td data-bbox="1255 835 1528 898">CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 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: Renovations to Plaza adjacent the State Capitol Building Size: 100,000 SF Cost: \$21,806,504.00 Specific Role: Construction Documents Cost Estimating				
(1) TITLE AND LOCATION (City and State) Sunrise Senior Center Renovation and Addition Sunrise, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="954 1087 1255 1150">PROFESSIONAL SERVICES 2015</td> <td data-bbox="1255 1087 1528 1150">CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 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: Renovation and Addition to Center which includes parking lot expansion, a new exercise room, a new craft room, a new media room, renovated kitchen area with new equipment, and a garden area that has a room with glass-paneled walls, featuring living walls, or vertical gardens, waist-high plants, and a computer room and exercise room. Size: Building Addition Size = 2,200 SF Cost: \$2,725,539.00 Scope of Work: Schematic Design / Design Development / Construction Documents Cost Estimating				
(1) TITLE AND LOCATION (City and State) City of Aventura – 188th Street Park (Phase II) Aventura, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="954 1407 1255 1470">PROFESSIONAL SERVICES 2015</td> <td data-bbox="1255 1407 1528 1470">CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 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: Park improvements which include: Site Work, Signage, Irrigation, Landscaping, Paving/Curbs, Playground Area, Exercise Area, Site Furnishing [benches, covered bench canopies, litter receptacles, bike racks, playground equipment, exercise equipment, fences, gates, shade structures, drinking fountains, etc.] Size: 60,245 SF Cost: \$1,705,269.00 Specific Role: Construction Documents Cost Estimating				

Continued...

SF330

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

<p>(1) TITLE AND LOCATION <i>(City and State)</i> City of Miami Beach – Community Park (former Par 3) Miami Beach, FL</p>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Description: Development of a new public park located on a former golf course Size: 19 Acres Cost: \$15,070,187.00 Specific Role: Design Development Cost Estimating</p>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>(1) TITLE AND LOCATION <i>(City and State)</i> City of Miami –The Underline (Phase I – Brickell Backyard) Miami, FL</p>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Description: Development of a 10-mile linear park and bicycle path under the Metrorail; CMS estimated only the first ½ mile which runs through the most urban section of the project Size: ½ Mile Cost: \$10,783,157.00 Specific Role: Construction Documents Cost Estimating</p>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>(1) TITLE AND LOCATION <i>(City and State)</i> Town of Cutler Bay – Town Center Plaza Cutler Bay, FL</p>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Description: 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 Size: 3 Acres Cost: \$13,908,381.00 Specific Role: Conceptual Cost Estimating</p>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>(1) TITLE AND LOCATION <i>(City and State)</i> Town of Cutler Bay – Town Center Plaza, Skateboard Park Cutler Bay, FL</p>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Description: Development of a Skateboard Park within a newly created park (includes site work, drainage, landscaping, reinforced stairs, turndown walls, faceplates, skate rail, etc.) Size: 9,100 SF Cost: \$2,079,100.00 Specific Role: Conceptual Cost Estimating</p>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>(1) TITLE AND LOCATION <i>(City and State)</i> City of Tamarac – Tamarac Village Park Tamarac, FL</p>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Description: Development of new park that includes stage with supporting building housing storage, restrooms, and IT; also, a splash pad area, greenspace and walkways Size: 1 Acre Cost: \$3,204,629.14 Specific Role: Order of Magnitude Cost Estimating</p>	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>(1) TITLE AND LOCATION <i>(City and State)</i> City of Tamarac – Tamarac Village Park Tamarac, FL</p>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Description: Development of new park that includes stage with supporting building housing storage, restrooms, and IT; also, a splash pad area, greenspace and walkways Size: 1 Acre Cost: \$3,204,629.14 Specific Role: Order of Magnitude Cost Estimating</p>	<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) Chupco's Landing Community Center Fort Pierce, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2015	2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Seminole Tribe of Florida	b. POINT OF CONTACT NAME Peter Picard	c. POINT OF CONTACT TELEPHONE NUMBER (954) 214-8423
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Cartaya and Associates Architects provided architectural services to the Seminole Tribe of Florida for a new 16,914 SF community center located in Fort Pierce, Florida completed in 2014. This one story facility provides a place for gatherings, meetings, and various recreational activities for the Seminole reservation in southwestern St. Lucie County. The new community center 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.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

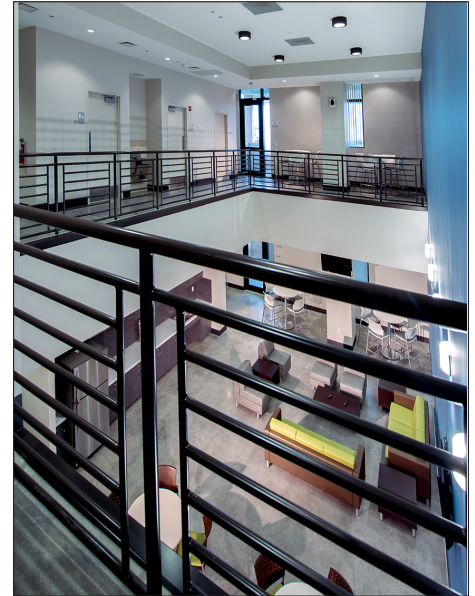
a. (1) FIRM NAME Cartaya & Associates Architects	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Architecture
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SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as 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 2
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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
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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.



Prime Architect | Design-Build | \$22,000,000

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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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) Energy Efficiency Team Center City of Plantation, Florida	22. YEAR COMPLETED	
	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
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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
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SF330

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION (City and State)

Broward College Continuing Services Contract
Davie, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

CONSTRUCTION (If applicable)

2017

2017

23. PROJECT OWNER'S INFORMATION**a. PROJECT OWNER**

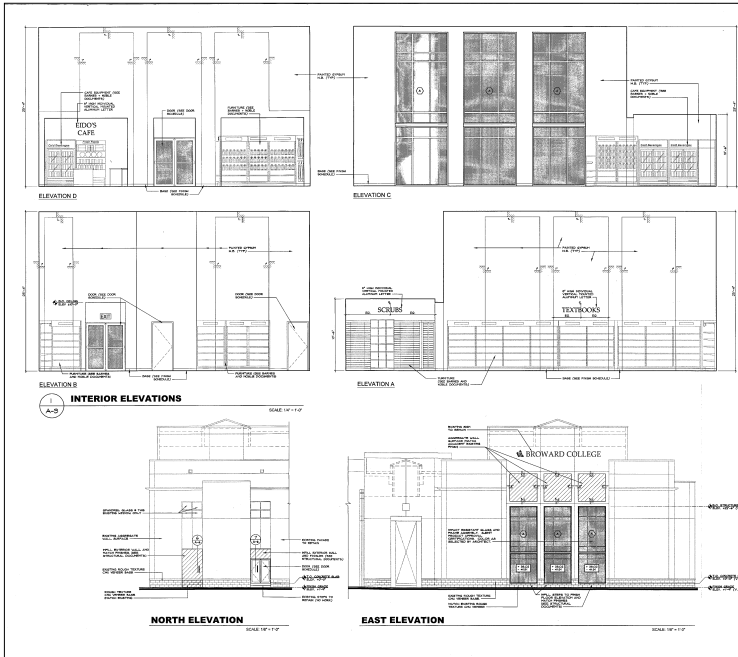
Broward College

b. POINT OF CONTACT NAME

Deborah Czubkowski

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 201-6900

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

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. 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.

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. The bookstore area is to be managed by Barnes and Noble as is currently agreed by the College. The project has provided full coordination with Barnes and Noble Suppliers and at the same time meets all of the College's standards for renovations and new construction.



The new space provides students with a seating area where they can relax, gather and study and also a café area where various products can be purchased.

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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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	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
		2011	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
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The new Broward County Courthouse (BCC) project consists of a new courthouse building with 730,000 SF of finished space to accommodate the needs of the Civil and Family Courts. It includes Sheriff Department offices, adult and juvenile holding cells, evidence and fire arms storage as well as office and retail space.

The BCC presents itself as a strong civic landmark through the use of multiple architectural strategies. This justice complex locates the lobby alongside a new civic plaza which links the new courthouse with the existing east wing. A future garage with retail along the ground floor will further accentuate the new plaza. The L-shaped tower massing allows for the public to look down on the civic space, in addition 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.

JV - AECOM & Cartaya & Associates Architects P.A.

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	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

[illegible]

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Chupco's Landing Community Center	6	
2	Miramar Police Headquarters	7	
3	Plantation Energy Efficiency Center	8	
4	Broward College CCNA	9	
5	Broward County Judicial Complex	10	

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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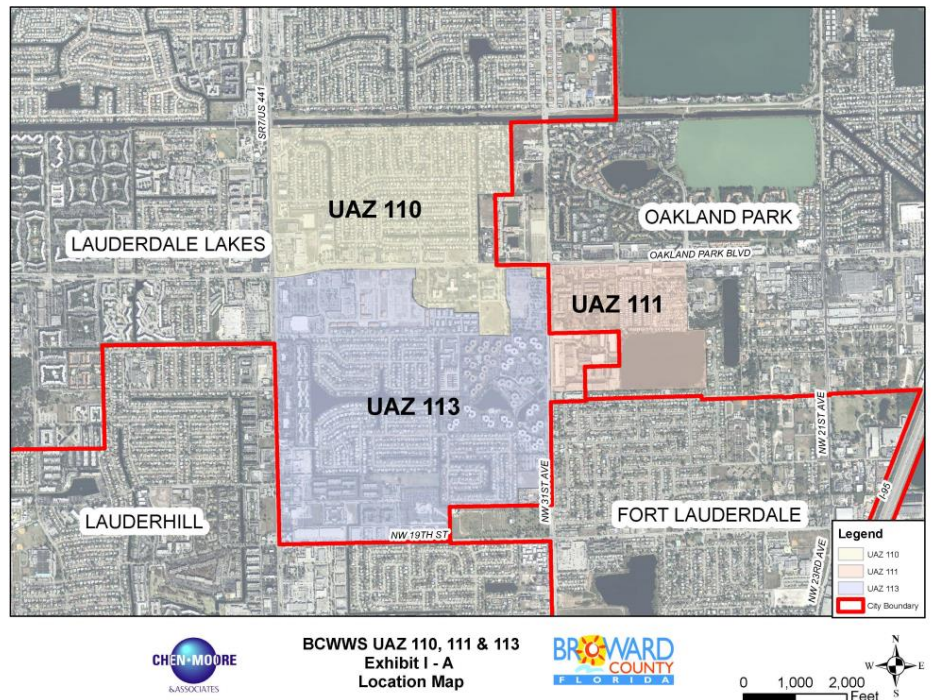
21. TITLE AND LOCATION (City and State) Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B Lauderdale Lakes, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES ongoing</td><td>CONSTRUCTION (If applicable) ongoing</td></tr> </table>	PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable) ongoing
PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable) ongoing		

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Patrick MacGregor	c. POINT OF CONTACT TELEPHONE NUMBER (954) 831-0904
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner and ductile iron pipe ranging from 8" - 15" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron and polyvinyl chloride pipe ranging from 6" - 16" in diameter size. There are 8 Broward County lift stations in these UAZ areas and 1 private lift station which sanitary sewer systems will need to connect to. Two of these stations will need rehabilitation/replacement, the extent of rehabilitation of existing stations will be determined. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. Fee: \$3,544,729.24

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime – Civil Engineering/Landscape Architecture
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
f.	(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	20. EXAMPLE PROJECT KEY NUMBER
	<i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	2

21. TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Richard Crow	c. POINT OF CONTACT TELEPHONE NUMBER (954) 842-4771
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Chen Moore and Associates (CMA) was the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC) was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline is being rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. CMA also provided dewatering permitting and groundwater modeling due to contaminated sites within quarter mile of the projects. Fee: 887,295; Cost: \$14 million

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Civil Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and 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
		3

21. TITLE AND LOCATION <i>(City and State)</i> Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements Lauderdale-by-the-Sea, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Jaime Correa and Associates	b. POINT OF CONTACT NAME Jaime Correa	c. POINT OF CONTACT TELEPHONE NUMBER 786-412-3947
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Chen Moore and Associates provided utility coordination; roadway and stormwater design; government permitting; and bidding assistance for the development of the design of streetscape and stormwater improvements to the downtown core and adjacent areas east of Bougainville Drive in the Town of Lauderdale by the Sea.

The goals of this project were to create an urban gathering place that provides beautiful vistas of the sea, provides increased shade from the intense sun and heat, enhances the pedestrian environment and safety while maintaining vehicular access to the businesses located on the street and improving vehicular circulation and parking, provides for expansion of outdoor dining areas, and pays tribute to the Town's history.

Chen Moore and Associates used GIS to assist with utility coordination and base map preparation; assisting with the design concepts and cost estimates; recommending alternatives for paving design for the roadway and pedestrian traffic areas; prepared initial roadway alignment plan; prepared initial drainage and utility relocation plans; completed a stormwater design model; submitted for government permits; and provided bidding assistance for this project. Fee: \$74,000; Cost: \$1,870,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Subconsultant – Civil Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and 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 4
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21. TITLE AND LOCATION (City and State) Stormwater Master Plan Modeling and Design Implementation Ft Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Hazen & Sawyer	b. POINT OF CONTACT NAME Robert Taylor	c. POINT OF CONTACT TELEPHONE NUMBER (561) 997-8070
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

CMA is providing engineering design services for the under Stormwater Improvement Master Plan Modeling and Design Implementation Project under the for the City of Fort Lauderdale. CMA is responsible for the planning, modeling, design, and permitting for the proposed stormwater improvements within the Victoria Park neighborhood, which was identified as one of the 7 priority neighborhoods with the City. A combination of multiple improvements to the stormwater management system have been developed to alleviate the existing flooding issues within the Victoria Park neighborhood. The proposed stormwater improvements within the Victoria Park neighborhood include separate alternatives for the eastern and western portions of the neighborhood. Within the western portions of the Victoria Park neighborhood, the proposed stormwater improvements consist of installing additional pipe interconnectivity of various existing independent drainage networks located throughout the neighborhood, installing new exfiltration trench, and completing limited roadway swale restoration where feasible. Within the eastern portions of the Victoria Park neighborhood, the proposed improvements consist of interconnecting 6 independent positive outfalls into the Middle River, installing new backflow prevention, and adding a new stormwater pump station. The proposed stormwater improvements within the Victoria Park neighborhood are estimated to be approximately \$13 million in construction costs. Fee: \$812,799

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. b. c. d. e. f.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Subconsultant – Civil Engineering
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and 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 5
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21. TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvements Wilton Manors, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Wilton Manors	b. POINT OF CONTACT NAME David Archacki	c. POINT OF CONTACT TELEPHONE NUMBER (954) 390-2190
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The City of Wilton Manors retained Chen Moore and Associates to design a roadway improvement along a portion of North Dixie Highway within the City limits. The project was partially funded by FDOT through their Local Agency Program (LAP). The project limits included the public right of way of North Dixie Highway from the bridge at the City limits on the south to the Five Points intersection with Wilton

Drive/NE26 Street on the north. This section of North Dixie Highway includes approximately 2,200 linear feet of roadway within public right of way which varies between 50 feet and 60 feet wide. The intention of the project was to implement the following elements along North Dixie Highway within the project limits:

- Install new bicycle lanes along the corridor on both sides of roadway
- Install new curbing and gutter to accommodate new roadway section
- Install new pedestrian sidewalks to accommodate new roadway section
- Install pedestrian level lighting along new sidewalk as allowed by adjacent private property
- Install limited landscaping in available right of way areas along corridor
- Modify existing drainage facilities to accommodate new roadway section

In order to implement new bicycle lanes along Dixie Highway, the roadway cross section was modified along the majority of the project limits. The modified roadway cross section was wider than the existing roadway cross section, which required the removal of some existing curbing and sidewalks along with the relocation of some existing drainage facilities. The configuration of the driveway access to private properties, especially within the north portion of the project, limited the implementation of all project elements in these areas due to pull in parking. Fee: \$128,390

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Civil Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	<i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	6

21. TITLE AND LOCATION <i>(City and State)</i> Downtown Coral Springs Streetscaping Coral Springs, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Coral Springs	b. POINT OF CONTACT NAME Danielle Lima	c. POINT OF CONTACT TELEPHONE NUMBER (954) 344-1165
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Chen Moore and Associates was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting and construction engineering and inspection services for the project.

The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue and NW 32nd Street. Additionally, CMA implemented the culverting of the canal along NW 31st court to provide space for a linear park, currently called the "Art Walk",



which is an important pedestrian connection between the downtown pathways project and The Walk development. Finally, the project includes the implementation of turn lanes along Sample Road, median improvements in Sample Road and minor improvements to adjacent alleyways and pedestrian pathways.

Overall, the project improves the walkable nature of Downtown Coral Springs, while tying together various aesthetic elements in advance of the City Hall project sited adjacent to them projects. Fee: \$235,739.98; Cost: \$4.1 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Landscape Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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 7
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21. TITLE AND LOCATION <i>(City and State)</i> Westside Park Baseball Field Deerfield Beach, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Deerfield Beach	b. POINT OF CONTACT NAME Kara Petty	c. POINT OF CONTACT TELEPHONE NUMBER (954) 480-4483
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Chen Moore and Associates provided design, permitting and construction engineering inspection services for the conversion of an existing football field and multi-purpose field into one Babe Ruth Baseball field, one Little League Baseball field, and one practice baseball field for the City of Deerfield Beach Parks and Recreation Department. The project is located in Westside Park, which is a 15 acre park located south of Hillsboro Boulevard, offering two lighted basketball courts, a football field with concession stand, two lighted tennis courts, a full service recreation center, full size gym, picnic areas and a newly renovated playground. CMA was responsible for providing survey, geotechnical, site planning, civil engineering, landscape architecture, MEP and structural engineering services. The scope of the project included the layout of the baseball fields with supporting services such as lighting, dugouts, scoreboards and irrigation. The project also included general improvements to the park around the baseball fields including better



pedestrian access, ADA parking and sidewalk improvements, native landscaping, outdoor seating areas and stormwater improvements. The project is located in an underserved community of Deerfield Beach and provides access to improved parks and recreation services for the community. The project was funded through a Community Development Block Grant. Fee: \$181,565; Cost: \$1.6 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Landscape Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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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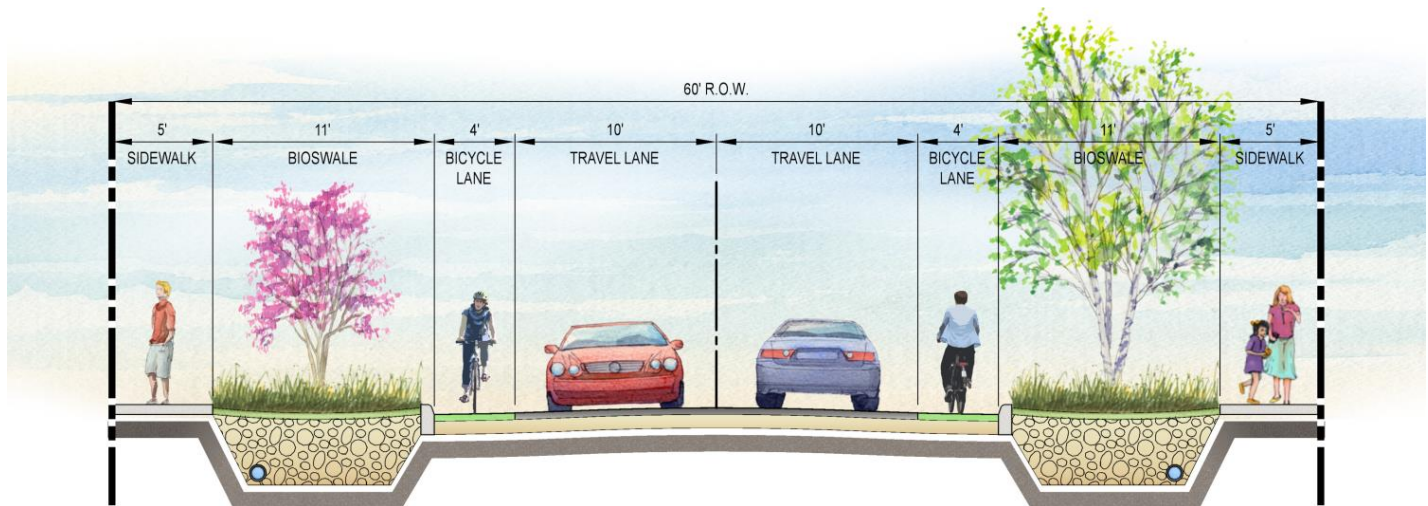
21. TITLE AND LOCATION <i>(City and State)</i> Dixie Highway Improvement Project Streetscape Plan Fort Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Louis LaFaurie	c. POINT OF CONTACT TELEPHONE NUMBER (954) 828-6538
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Chen Moore and Associates developed a streetscape master plan for Dixie Highway in the Middle River Terrace Neighborhood of Fort Lauderdale, Florida. CMA was contracted by the City to work with the local homeowners association who received a grant to fund the development of a complete streets master plan. The neighborhood was developed prior to many current planning and zoning standards being implemented in the City, as a result, the community has concerns about unsafe conditions for pedestrians and bicyclists due to unregulated land development patterns. CMA is developing the master plan to include pedestrian and bike trails, to narrow the width of the travel ways, and to add hardscape and landscape beautification, including the development of gateway features into the neighborhood. In order to facilitate the master plan, CMA analyzed the area with regard to current zoning and right of way conditions and conducting field studies at different times of the day to understand on the ground conditions that are affecting resident safety. The Project requires coordination with the City of Fort Lauderdale and District 4 of the Florida Department of Transportation. Fee: \$17,550; Cost: \$3.3 million

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Landscape Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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) Hillsboro Blvd-SR7 to Florida Turnpike Coconut Creek, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Coconut Creek	b. POINT OF CONTACT NAME Brian Rosen	c. POINT OF CONTACT TELEPHONE NUMBER (954) 545-6614
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Prepared construction documents for the landscape beautification along Hillsboro Blvd. The Plans were prepared for the City of Coconut Creek to enhancing the existing landscape on Hillsboro Boulevard between SR7/441 to Florida's Turnpike/SR91. These improvements are limited to the medians only and include creating gateways into the City, defining hierarchy of cross streets, overall beautification, irrigation and irrigation pump replacement. Fee: \$19,000

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime – Landscape Architecture
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
f.	(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
		10

21. TITLE AND LOCATION <i>(City and State)</i> University Dr-NW 40th to Sawgrass Expressway Sunrise, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Florida Department of Transportation-Turnpike	b. POINT OF CONTACT NAME Colette Moss	c. POINT OF CONTACT TELEPHONE NUMBER (800) 375-3767
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Chen Moore and Associates is providing professional landscape architecture services for this off-system project for FDOT D4 as a subconsultant to DRMP. The project lies wholly within the city limits of Coral Springs. The scope of the project includes the conversion of an existing 4 lane road section to 6 lanes. This section of University Drive has a significant amount of existing tree canopy and is lined with multiple businesses and residential neighborhoods that will be impacted by the widening. The design goals are to limit the impact to the existing tree canopy, incorporate a proposed linear park and meandering shared use paths into the design, and develop a cohesive landscape theme for the corridor. The project requires close coordination with FDOT D4, Broward County, and the City of Coral Springs. The services being provided by CMA include community input, tree inventory and disposition plans, tree mitigation permitting, landscape, hardscape, and irrigation design. Fee: \$79,098.70

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime – Landscape Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

SF330

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Daniel Davila, P.E.	Project Manager	X	X		X						
Peter Moore, P.E., F.ASCE, ENV SP, LEED AP	Principal-in-Charge	X	X		X		X	X			
Safiya Brea, P.E., LEED AP	QA/QC	X					X	X			
Jennifer Smith, P.E.	Utilities Engineering	X			X	X	X				
Jason McClair, P.E., CFM, LEED AP	Surface Water Management/Drainage	X	X	X	X	X	X				
Jose Acosta, P.E., F.ASCE	Roadway Engineering	X	X	X	X		X	X			
Patrick Kaimrajh, P.E.	Roadway Engineering	X	X	X	X		X	X	X		
Jose McCray	Construction Engineering		X				X				
Gregory Mendez, P.E.	Reports and Miscellaneous	X			X						
Cristobal Betancourt, RLA	Landscape Architecture	X		X	X	X	X	X	X	X	X
Eric Harrison, RLA	Landscape Architecture	X			X		X	X		X	X
Stefan Bortak, CID	Irrigation Design					X	X	X	X	X	X
Amber Mathis, CA	Arborist Services	X			X						X

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B	6	Downtown Coral Springs Streetscaping
2	Ft Lauderdale FM Rehab, HDD & Swageline (1-4)	7	Westside Park Baseball Field
3	Lauderdale-by-the-Sea E. Commercial Blvd Streetscape & Drainage Improvements	8	Dixie Highway Improvement Project Streetscape Plan
4	Stormwater Master Plan Modeling and Design Implementation	9	Hillsboro Blvd-SR7 to Florida Turnpike
5	Dixie Highway Improvements	10	University Dr-NW 40th to Sawgrass Expressway

SF330

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

City of Miramar, Community Center and Cultural Amphitheater
Miramar, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2016

CONSTRUCTION (if Applicable)
2017

23. PROJECT OWNER'S INFORMATION

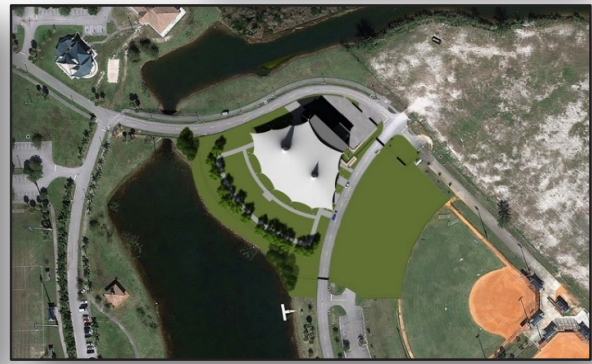
a. PROJECT OWNER
City of Miramar

b. POINT OF CONTACT NAME
CPZ Architects, Inc.

c. POINT OF CONTACT TELEPHONE NUMBER
(954) 792-8525

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

TRC Worldwide Engineering, Inc. provided Structural Engineering design, contract administration and inspection services for the Cultural Amphitheater Complex at Miramar Regional Park. Amphitheater complex contains 1,500 non-permanent seats with lawn seating capacity of 2,500 under canopy structure; site includes a memorial wall, pedestrian pathways, food truck and vendor areas; the stage, dressing room, electrical, data room and restrooms are approx. 5,000 SF and the tensile canopy covers an area of approx. 18,000 SF.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	TRC Worldwide Engineering, Inc.	Plantation, FL	Structural Engineer
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
f.	(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

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION (City and State)

Doral Glades Park

Doral, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
Structural EngineeringCONSTRUCTION (If applicable)
EST. 2018**23. PROJECT OWNER'S INFORMATION**a. PROJECT OWNER
City of Doralb. POINT OF CONTACT NAME
CPZ Architects, Inc.c. POINT OF CONTACT TELEPHONE NUMBER
Architect

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



TRC Worldwide Engineering, Inc., (TRC) has provided Structural Engineering design and contract administration services for this new 25-acre, \$10 MM park for the City of Doral.

**Key Structural Components**

- Environmental Nature Center with Exhibit, Meeting, Classroom, Offices and Computer Lab
- Exterior Amphitheater
- Restrooms

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	TRC Worldwide Engineering, Inc.	Plantation, Florida	Structural Engineer
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
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

STANDARD FORM 330 (REV. 3/2013)

SF330

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION (City and State)

Florida International University, Wellness and Recreation Center
Modesto A. Maidique Campus, Miami, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2015

CONSTRUCTION (If applicable)
2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Florida International University (SUS)

b. POINT OF CONTACT NAME

HKS/ HADP Studio, Inc., Architects

c. POINT OF CONTACT TELEPHONE NUMBER

(305) 967- 6026

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

TRC Worldwide Engineering, Inc. provided Structural Engineering design and construction administration services for the University's \$18.1 MM, 3-story, 61,738 GSF expansion of the Wellness & Recreation Center on the FIU-MMC campus. With the opening of the building expansion, the state-of-the art facility will be over 120,000 SF and house 5 indoor basketball courts, 4 outdoor basketball courts, a sand volley ball court with spectator seating, two fitness studios, a functional fitness room, a cycling studio, a mat room, a new student lounge, a 1.5-mile indoor track and weight room with 200 pieces of equipment.

Key Structural Components

- Expansion comprised of concrete tilt-up panels, steel columns, and composite metal deck with concrete fill
- Footings were designed near the existing building

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	TRC Worldwide Engineering, Inc.	Plantation, Florida	Structural Engineer
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
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

STANDARD FORM 330 (REV. 3/2013) PAGE 3

SF330

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION (City and State)

Margaritaville Hollywood Beach Resort
Hollywood, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2014

CONSTRUCTION (if Applicable)
2015

23. PROJECT OWNER'S INFORMATION**a. PROJECT OWNER**

Margaritaville Holdings, Inc.

b. POINT OF CONTACT NAME

Adache Group Architects

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 525-8133

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

TRC Worldwide Engineering, Inc. provided Structural Engineering design, contract administration and inspection services for this new 870,000 SF, (196 ft. high), state-of-the-art, ocean front hotel with entertainment complex. Ground floor: lobby, kitchen, storage, receiving areas, bars and restaurants. 2nd floor: spa; 3rd to 9th floors: garaged parking; 10th floor: banquet kitchen, grand ballroom, board rooms, salons, hotel administration and housekeeping offices; 11th floor: recreation deck and swimming pool; 12th to 17th floors: additional hotel rooms.

**Key Structural Components**

- Foundations: concrete pile caps and auger cast piles
- Columns: Cast-in-place concrete columns
- Post-tensioned concrete transfer beams levels 2 and 11
- Garage: Cast in place post-tensioned concrete slabs
- 11th floor: Cast in place post tensioned concrete slab with transfer beams
- 12th floor to roof: tunnel form construction (cast in place reinforced walls and slabs)
- Lateral load resisting system: Cast in place shear walls around elevators and stairs

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	TRC Worldwide Engineering, Inc.	Plantation, FL	Structural Engineer
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
f.	(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

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State)

City of Margate, Sports Complex
Margate, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
Structural Engineering

CONSTRUCTION (If applicable)
EST. 2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Margate

b. POINT OF CONTACT NAME

CPZ Architects, Inc.

c. POINT OF CONTACT TELEPHONE NUMBER

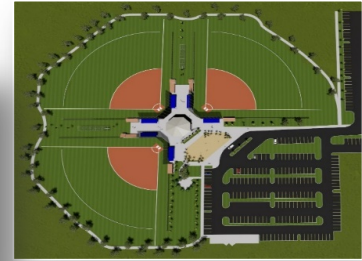
Architect

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

TRC Worldwide Engineering, Inc., (TRC) is providing Structural Engineering design and contract administration services to the City of Margate for the reconstruction of their Sports Complex.

**Key Structural Components**

- Dugouts with storage
- Shading structures for the existing bleachers
- Batting cages
- Playground surfacing and equipment
- Water feature
- Fitness zone

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	TRC Worldwide Engineering, Inc.	Plantation, Florida	Structural Engineer
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
f.	(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 1
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21. TITLE AND LOCATION (City and State) Ft. Lauderdale/Hollywood International Airport Modernization Terminal 1 Concourse A Fort Lauderdale, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2017	2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County Aviation Department	b. POINT OF CONTACT NAME Bob Emery – Corgan	c. POINT OF CONTACT TELEPHONE NUMBER (214) 748-2000
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Engineering services to design MEPFS systems for the new Concourse A expansion to existing Terminal 1 at Fort Lauderdale/Hollywood International Airport (approximately 270,000 SF expansion for Southwest Airlines and the Broward County Aviation Department) as required for permit & code compliance. Services shall include detailed construction documents for Electrical, HVAC, Plumbing, and Fire Sprinkler systems with specifications and coordination with regulatory agencies and building departments for permit. Total cost over \$400M.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Delta G Consulting Engineers, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE M/E/P/F Engineering Design
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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) Palm Beach Garden Tactical Training Facility Palm Beach Gardens, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2015	2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Palm Beach Gardens	b. POINT OF CONTACT NAME Sisca Construction Services	c. POINT OF CONTACT TELEPHONE NUMBER 561-686-5545
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Services included detailed construction documents for electrical, mechanical and plumbing systems with specifications and coordination with regulatory agencies and building departments for permit. The project is a 9,100 SF facility.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME Delta G Consulting Engineers, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE M/E/P/F Engineering Design
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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) Sunview Park Building Fort Lauderdale, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2018	2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Abbas Zackria	c. POINT OF CONTACT TELEPHONE NUMBER 954-522-4123
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Delta G Consulting Engineers, Inc. provided services to design systems with scope as follows; one new Toilet Room Building of approximately 1,200 SF. One open Pavilion Building of approximately 1,200 SF., and one Stair Tower structure. Services included detailed construction documents for electrical, mechanical and plumbing systems with specifications and coordination with regulatory agencies and building departments for permit approval and bidding.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Delta G Consulting Engineers, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE M/E/P/F Engineering Design
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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

21. TITLE AND LOCATION (City and State) Dania Beach Ocean Park Restrooms Dania Beach, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2017	2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Dania Beach	Merrill Romanik	954-961-6806

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

Delta G Consulting Engineers, Inc. provided professional services to design systems for the above project as required for permit and code compliance. Services included site survey and documentation of existing conditions and detailed construction documents for MEP systems with specifications and coordination with regulatory agencies and building departments for permit. The project scope is the renovation of two existing restroom buildings.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Delta G Consulting Engineers, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE M/E/P/F Engineering Design
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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) MegaCenter Mirmar Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2018	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER MegaCenter	b. POINT OF CONTACT NAME Pablo Wichman	c. POINT OF CONTACT TELEPHONE NUMBER 786-801-3530
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Delta G Consulting Engineers, Inc. We are offered MEP services for this multi-phase project as follows:

Building A – Phase I. Scope is 56,000 SF of new construction of warehouse/office space with 14 bays. Warehouse areas shall be left as shell only. Office areas, 400SF, will be white box layouts.

Building B – Phase I. Scope is a 67,000 SF existing building being divided into 40,000 SF of executive suites, no work in the remaining 27,000 SF area. Infrastructure upgrades as needed to MEP systems to support the new space plans.

Building B Addition – Phase 1. Scope is a 22,000 SF addition with 1,000SF of the space being offices, shell space for the remainder of the warehouse area. Infrastructure upgrades as needed to MEP systems to support the new addition.

Building D – Phase I. Scope is 44,800 SF of new construction of warehouse/office space with 14 bays. Warehouse areas shall be left as shell only. Office areas, 400SF, will be white box layouts.

Building C – Phase II. Scope is a 38,000 SF interior remodel for (8) 50X95 Bays with 400 SF white box offices, the remainder shall be left as warehouse shell spaces. Infrastructure upgrades as needed to MEP systems to support the new space plan, including electrical service, with a panel in each bay.

Building E – Phase II. Scope is 16,000 SF of new construction of warehouse/office space with 6 bays. Warehouse areas shall be left as shell only. Office areas, 400SF, will be white box layouts.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Delta G Consulting Engineers, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE M/E/P/F Engineering Design
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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 <i>(City and State)</i> Terminal 25 Expansion, Port Everglades, Florida		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> On-going
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Port Everglades c/o Bermello Ajamil	b. POINT OF CONTACT NAME Mr. Ulises Torres, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 627-5136	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>TSF performed a geotechnical engineering study for the Terminal 25 expansion project at Port Everglades, Florida. The construction includes a new 2-story addition to the north end of the existing Terminal 25 building, and a new access ramp to the Midport Parking Garage to the south, and high wind bollards. The ground floor area of the new Terminal 25 addition will encompass about 24,691 square feet. Auger Cast-in Place (ACIP) piles are being considered to support the walls and columns, and drilled shafts are being considered for high wind bollards. The purpose of the study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation for the proposed construction. Field work included Standard Penetration Test (SPT) borings and Bore Hole Permeability (BHP) tests. Provided geotechnical report that outlined the testing procedures, described the site and subsurface conditions; and provided geotechnical recommendations for foundation design, Foundation soil preparation requirements; Foundation types, depths, allowable capacities, and an estimate of potential settlement general site development; along with Comments regarding factors that may impact construction and performance of the construction.</p> <p>TSF is currently providing material testing services during the construction phase of the project.</p>			

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, Florida	(3) ROLE Geotechnical Engineering, Quality Control Testing & Inspection Services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and 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 2
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21. TITLE AND LOCATION (<i>City and State</i>) I-75 Express Lanes – Segment A/B from NW 170 Street to South of Miramar Parkway, Broward and Miami-Dade Counties, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (<i>If applicable</i>) On-going

23. PROJECT OWNER'S INFORMATION

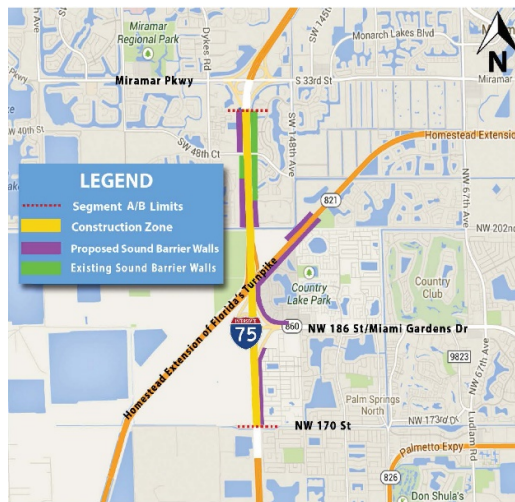
a. PROJECT OWNER FDOT D4 c/o Wantman Group, Inc.	b. POINT OF CONTACT NAME Mr. Keegan Larson, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 687-2220
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Performed a geotechnical study for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. This corridor includes fourteen (14) bridge structures, several associated MSE Walls, about 20,000 linear feet of sound walls, Toll Gantries, CCTV poles, High Mast Light Poles, and Overhead Sign Structures. Provided pile design for bridges, and design parameters for sound walls, poles, and sign structures.

Currently providing pile driving inspections and auger cast pile inspections for sound walls, and foundation certifications for bridges and sound walls.

Project Duration: 2014 – 2019 (Scheduled)



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Geotechnical Engineering, Quality Control Testing Services
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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 3
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21. TITLE AND LOCATION (City and State) City of Lauderhill Performing Arts Center and Library, Broward County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Westlake Reed Leskosky c/o City of Lauderhill	b. POINT OF CONTACT NAME Mr. Jason Adolff, AIA, LEED AP, Director of Washington DC Studio, Westlake Reed Leskosky	c. POINT OF CONTACT TELEPHONE NUMBER (202) 296-4344
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Tierra South Florida, Inc. (TSF) provided geotechnical engineering services for the City of Lauderhill Performing Arts Center and Library, a 47,000 SF facility located near the intersection of Sunrise Boulevard and US 441 in the City of Lauderhill, Florida. The project has two components, a performing Arts Center and a Library. The Performing Arts Center has a 1,200-seat theater and includes an art gallery, meeting/classrooms, and banquet/reception facilities. The 10,000SF library will be attached to the Performing Arts Center. The purpose of the geotechnical engineering study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation systems for the proposed construction. 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. After observing that the footing subgrade was wet and the gravel was being placed on top of the wet sand and compacted, we recommended that the Orchestra Pit footing subgrade be dewatered and compacted to at least 95% of the material's maximum dry density; and then gravel could be placed on top of the tested sand, and compacted.

This project was finished **On Time and In Budget.**




25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, Florida	(3) ROLE Geotechnical Engineering and Material Testing Services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and 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 <div style="background-color: white; color: black; width: 30px; margin: 0 auto; padding: 2px 10px;">4</div>
Animal Care and Adoption Facility, Broward County, Florida		<div style="display: flex; justify-content: space-between;"> <div>PROFESSIONAL SERVICES 2016</div> <div>CONSTRUCTION <i>(If applicable)</i> 2016</div> </div>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Saltz Michelson c/o Broward County	b. POINT OF CONTACT NAME Mr. Charles A. Michelson, AIA, Principal, Saltz Michelson Architects	c. POINT OF CONTACT TELEPHONE NUMBER (954) 266-2700
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>TSF provided geotechnical engineering and construction material testing services for the new Animal Care Adoption Facility located at the southwest corner of SW 42nd Street and SW 23rd Terrace in Broward County, Florida. The development includes a 1-story, 44,000 square foot facility, masonry structure with an associated parking lot. The purpose of the geotechnical engineering study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation systems for the proposed construction. Field work included Standard Penetration Test (SPT) borings and Borehole Permeability (BHP) tests. Provided geotechnical engineering report summarizing groundwater/subsurface conditions. 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.</p> <p>During construction, TSF provided Construction Materials Testing, Sampling and Laboratory Testing Services. The structure has shallow foundations, slab-on-grade, masonry walls and metal roof trusses. Site work includes de-mucking, utility, and pavement installation. Sampling and Laboratory Testing included Modified Proctor values on structural fill, footings, slab and backfill material; LBR tests on stabilized subgrade; Test compressive strength concrete cylinders, grout prisms, and mortar cubes for walls. TSF technicians performed In-Place-Density testing on structural fill, footings, slab, subgrade, base and backfill material; conducted slump, and temperature testing on concrete; molded compressive strength test cylinders, prisms, and cubes. Additionally, TSF provided earthwork observations; roof pull test and De-mucking observation services.</p> <p>This project was finished On Time and In Budget.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;">   </div>		

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Geotechnical Engineering, Material Testing & Inspection Services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and 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 <div style="font-size: 1.2em;">5</div>				
21. TITLE AND LOCATION (City and State) Broward College - South Campus Science Building, Pembroke Pines, Florida		22. YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center; border-bottom: 1px solid black;">PROFESSIONAL SERVICES</td> <td style="width: 50%; text-align: center; border-bottom: 1px solid black;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center;">2013</td> <td style="text-align: center;">2015</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2013	2015
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2013	2015					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Broward College c/o RJ Behar	b. POINT OF CONTACT NAME Mr. Juan Vazquez, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 680-7771				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>TSF performed a geotechnical study for the design phase of the project which consisted of a new 2-story building with a footprint of approximately 30,000 SF. Field work included Standard Penetration Test (SPT) borings. Provided geotechnical recommendations regarding foundation design, floor slab, utilities, site preparation (floor subgrade compaction/ engineering fill and footing subgrade).</p> <p>During the construction phase, TSF provided materials testing and laboratory services for compliance with project specifications. Our field technicians sampled concrete and provided density tests on foundation, slabs, sidewalks, parking areas, utility backfill. Our laboratory provided Proctor, LBR tests, as well as reporting concrete breaks.</p> <p>The project was completed on time and within budget.</p> <div style="text-align: center; margin-top: 20px;">  </div>						

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Geotechnical Engineering & Material Testing Services
b.	(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 1
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21. TITLE AND LOCATION (City and State) Pompano Beach Streetscapes Pompano Beach, Florida	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td><td>CONSTRUCTION (If applicable)</td></tr> <tr> <td>ongoing</td><td></td></tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	ongoing	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
ongoing					

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Pompano Beach	b. POINT OF CONTACT Tony Sabatino (Burkhardt Construction)	c. POINT OF CONTACT TELEPHONE NUMBER (561) 659-1400
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Avirom & Associates, Inc. provided construction layout and record drawings for improvements on East Atlantic Boulevard, Harbor Village Shops and Old Pompano Historical Commercial District along approximately 3,800 linear feet of streetscape.



East Atlantic Boulevard - improvements included reconfigured street lanes with parallel parking, new drainage, street lighting, wider sidewalks and new landscaping. \$17,000

Harbor Village Shops - improvements included new roadways, parking, sidewalks, landscaping, lighting, drainage, water, sanitary and franchise utilities. \$24,000

Old Pompano Historical Commercial District - new improvements included new roadways, parking, sidewalks, landscaping, drainage, water, sanitary and franchise utilities. Cost to date: \$40,800



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Avirom & Associates, Inc.	(2) FIRM LOCATION (City and State) Boca Raton, Florida	(3) ROLE Land Surveying
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SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	<i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	2

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

City of Delray Beach
Delray Beach, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Delray Beach

b. POINT OF CONTACT

William A. Grieve, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

(561) 243-7326

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Avirom & Associates has worked directly with agencies within the City of Delray Beach and with subconsultants to provide various surveying services. As part of Delray Beach Community Redevelopment Agency downtown development, our firm prepared boundary surveys, topographic surveys, plat preparation and processing and sketch and legal descriptions for land acquisitions throughout downtown Delray Beach.



Our firm worked with the Delray Beach Engineering Department on numerous projects to provide boundary surveys, topographic surveys, sketch and legal descriptions, topographic/route-of-line surveys and construction services such as layouts and staking. Our firm has had the opportunity to work on one of Delray Beach's pride, its beaches. Avirom prepared a Department of Environmental Protection permit survey and provided miscellaneous surveying services for improving the lifeguard stations within the City of Delray Beach.

Some of the sites and projects that Avirom has worked on includes the Bi-Lo Property Development project, Delray Shores Neighborhood Improvements, Delray Swim & Tennis Center, Delray Beach Municipal Golf Course, Plumosa Elementary School, Delray Beach City Complex on Swinton Avenue, Delray Beach Western Community Center, Delray Beach Head Start Facility, Delray Beach City Hall, Fire Station #3, Fire Station #5, Delray Beach Police Station and numerous bus shelters within the City limits.

Avirom is currently working on the Delray Beach Master Plan for the beautification of the City's beach access. We are providing a topographic survey utilizing 3 dimensional laser scanning and GPS to provide the approximate 7,200 L.F. corridor along A1A at the City beaches.

To date \$408,650 / ongoing



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Avirom & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boca Raton, Florida	(3) ROLE Land Surveying
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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 3
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21. TITLE AND LOCATION *(City and State)*

Las Olas Riverwalk
Fort Lauderdale, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2014

CONSTRUCTION *(If applicable)***23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Fort Lauderdale

b. POINT OF CONTACT

Paul Kissinger (EDSA)

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 524-3330

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Avirom & Associates, Inc. provided base mapping to support the City of Fort Lauderdale's \$86 million beach redevelopment plan which involves expansion of the Las Olas Marina, constructing parking garages and creating an Intracoastal promenade.



The project extended from the western bank of the Intracoastal Waterway along Las Olas Boulevard seaward to the Atlantic Ocean. The base mapping included compiling and delineating the right-of-way and ownership boundary line information of record, obtaining topographic data to generate one foot contours, locating all existing above ground improvements and above ground evidence of underground utilities. Avirom & Associates also performed a tree survey in accordance with the City of Fort Lauderdale's specifications. The base map was done to the City's CAD standards. \$104,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.

(1) FIRM NAME

Avirom & Associates, Inc.

(2) FIRM LOCATION *(City and State)*

Boca Raton, Florida

(3) ROLE

Land Surveying

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

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

Boca Raton Downtown Promenade
Boca Raton, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2014

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Boca Raton

b. POINT OF CONTACT

Tony Sabatino (Burkhardt
Construction)

c. POINT OF CONTACT TELEPHONE NUMBER

(561) 659-1400

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

The main goal of this project was to create a pedestrian safe environment that connected all parts of the City of Boca Raton downtown area, while providing appropriate accommodations of vehicular movement. This project encompassed approximately 4,900 linear feet of Palmetto Park Road and three neighboring streets between Federal Highway and the Intracoastal Waterway.

Avirom & Associates, Inc. was contracted in 2009 to prepare the topographic and tree survey for engineering design. Preparation of the base survey included recovery, research and location of sufficient ground control to graphically delineate right-of-way lines, platted lot lines, property lines and easement lines; coordination with the City of Boca Raton and utility companies to locate and depict underground utilities; and establishment of an onsite benchmark network for construction. Our firm was then contracted by Burkhardt Construction, Inc. to provide land surveying services for all phases of construction for this beautification project. Site work involved construction of a new drainage system, street lighting, paver brick sidewalks and new asphalt and paver brick streets with some inverted crowns and raised intersections.



At completion of this project, Avirom re-established platted and block corners that were destroyed during construction. \$141,300

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	Avirom & Associates, Inc.	Boca Raton, Florida	Land Surveying

SF330

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State)

Coral Springs Improvement District
Coral Springs, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2015

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Coral Springs

b. POINT OF CONTACT

Abbey Fiallo (Metro Equipment)

c. POINT OF CONTACT TELEPHONE NUMBER

(305) 586-8925

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Avirom & Associates, Inc. provided construction layout and as-built for canal bank stabilization at five different sites throughout the Coral Springs Improvement District: Sites 1 and 2 on NW 126th Drive, Site 3 on NW 1st Street, Site 4 on NW 113th Way and Site 5 on NW 18th Street.

Coral Springs Improvement District Canal Bank Stabilization (Sites 1-5)



Cost of services to date: \$11,100

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.

(1) FIRM NAME

Avirom & Associates, Inc.

(2) FIRM LOCATION (City and State)

Boca Raton, Florida

(3) ROLE

Land Surveying

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 <i>(City and State)</i>	22. YEAR COMPLETED	
FDOT District 4 Districtwide General Systems Planning Support (FDOT District 4, Florida)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation D4	Mr. Chon Wong	954-777-4659

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

via planning, inc (via) staff has been providing technical planning support to FDOT District 4 staff under this districtwide contract for over a decade. Some of the relevant tasks are highlighted below:

Data Collection: As an travel demand model user, via staff assisted FDOT staff on the social and economic data collection; including transit on-board survey, travel time run, origin-destination surveys, HOV monitoring surveys, and those completed as part of the PalmTran Transit Development Plans (TDP) development.

Transportation Systems Planning: Many of the tasks completed under this contract are classified as Systems Planning tasks. They include: coordination with the counties and cities within District 4 to improve the regional mobility whether through the LRTP development process or FDOT's Work Program scope refinement; coordination with the MPO on mobility performance measures reporting, in compliance with MAP-21 regulations; review of LAP applications; review of bike/ped planning studies, especially for safety improvement and/or as a part of the Complete Streets initiative; development of the 2011 major update for PalmTran's TDP; review of the Palm Beach and Broward Counties Interchange Masterplan; review of numerous interchange access proposals through successful coordination with FHWA and FDOT Central Office.

Lane Elimination Review and Coordination: via staff has provided assistance to FDOT District 4 staff since the inception of the program: starting with the formulation and refinement of the process, review and tracking of all applications through the District, assistance with the applicant, development of lane elimination schedule template, and currently assistance with the evaluation process to assess the feasibility of multiple applications.

Special Project Planning: As growth management regulation changes overtime, via staff continuously provides development review assistance on behalf of the local agencies, for developments of regional impact (DRI), concurrency study, congestion management study, and land use planning study.

Total Project Cost: \$1,500,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	via planning, inc.	Fort Lauderdale, FL	Sub Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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 <i>(City and State)</i>	22. YEAR COMPLETED	
Lauderdale-By-The-Sea Continuing Services Contract (Lauderdale-By-The-Sea, Florida)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Town of Lauderdale-By-The-Sea	Mr. Ralph "Bud" Bentley	954-640-4204

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

Awarded with the Lauderdale-By-The-Sea Continuing Services Contract in 2017, via planning, inc. (via) staff has since assisted the Town with the El Mar Drive Greenway Design Project from Palm Avenue to Pine Avenue. via staff coordinated on behalf of the Town with FDOT and Broward MPO regarding the El Mar Drive project, conducted project research and reviewed project information so that the El Mar Drive greenway design, which will be completed by FDOT, meets the needs and desires of the Town.

via staff also completed the pavement marking concept design for Seagrape Drive. via staff conducted field review to obtain roadway cross-sections as well as other roadway features, and developed the pavement marking concept plan in CAD within a two-week timeframe to meet the Town's accelerated schedule.

Total Project Cost: \$8,000, with additional tasks expected in the next 4 years

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
via planning, inc.	Fort Lauderdale, FL	Prime Consultant
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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 <i>(City and State)</i>	22. YEAR COMPLETED	
City of West Palm Beach Professional Services Agreement for Transportation Engineering & Planning Services (West Palm Beach, Florida)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of West Palm Beach	Ms. Uyen Dang	561-494-1087

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

via planning, inc. (via) staff has been providing in-house traffic engineering support to City of West Palm Beach staff since March 2018. via staff reviewed various development applications including residential, hotel, office, commercial, and golf course developments. via staff also assisted the City staff with various City projects, including Banyan Boulevard Complete Street Study, Palm Beach Lakes/Robbins bike path concept sketch, and speed hump evaluation and 20 mph speed zone implementation requirements.

Other tasks include trip generation analyses, traffic operations analyses, level-of-service analyses, multi-modal corridor analyses, feasibility studies, project traffic forecasting, lane elimination analysis, access management analyses and geographic information system (GIS) analyses.

Total Project Cost: \$100,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
via planning, inc.	Fort Lauderdale, FL	Sub Consultant
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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 <i>(City and State)</i>	22. YEAR COMPLETED	
City of Westlake Traffic Engineering Services (Westlake, Florida)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Westlake	Ms. Suzanne Dombrowski (Chen Moore)	561-746-6900 x 1035

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

City of Westlake was incorporated in Year 2016 to become the 39th city in Palm Beach County. Since July 2017, via planning, inc. (via) staff has been providing traffic engineering support to City of Westlake. One of the first tasks was to assist the City on visioning and development of its first Comprehensive Plan. via staff worked closely with City staff in multiple work sessions to understand the City's need, and to guide the City staff through education and analyses to achieve the desired outcomes with appropriate transportation goals, objectives and policies. The Comprehensive Plan was adopted by the City in March 2018.

In addition, via staff have assisted the City on multiple development reviews and master plan amendments. via staff is currently assisting the City with the development of the City's Traffic Performance Standards in its Land Development Regulations.

Total Project Cost: \$30,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
via planning, inc.	Fort Lauderdale, FL	Sub Consultant
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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		
21. TITLE AND LOCATION (City and State) Traffic Engineering Support for Development Applications (Palm Beach County, Florida)	22. YEAR COMPLETED <table border="1"> <tr> <td data-bbox="958 189 1218 281">PROFESSIONAL SERVICES Ongoing</td> <td data-bbox="1218 189 1521 281">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Various Developers	b. POINT OF CONTACT NAME Mr. Mike Sexton (Sexton Engineering, Inc.)	c. POINT OF CONTACT TELEPHONE NUMBER 561-792-3122
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Since October 2015, via planning (via) staff has been providing traffic engineering support for development applications, rezoning and comprehensive plan amendment in Palm Beach County. Some of the tasks include trip generation estimates, traffic impact analyses, traffic operations studies, agency coordination, traffic information research, etc.

Total Project Cost: \$80,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME via planning, inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Sub Consultant
b. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE


G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS


[illegible]

NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	FDOT D4 Districtwide General Systems Planning	6	
2	Lauderdale-By-The-Sea Continuing Services	7	
3	West Palm Beach Transportation Eng. & Planning	8	
4	City of Westlake Traffic Engineering Services	9	
5	Traffic Engineering Support for Developments	10	

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
21. TITLE AND LOCATION (City and State) Pembroke Pines City Hall & Civic Center, Pembroke Pines, FL		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014 - 2017	CONSTRUCTION (If applicable)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Pembroke Pines	b. POINT OF CONTACT NAME Mr. Frank Milen, Stiles Construction Company	c. POINT OF CONTACT TELEPHONE NUMBER (954) 415-2117	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>This project consisted of the new construction of three building components: a 172,225-square foot civic center consisting of 4-story offices surrounding a great hall with mezzanine level; a 1-story, 175-seat commission chambers consisting of approximately 5,659 square feet; and an 11,176-square foot, 1 story with mezzanine art gallery.</p> <p>GFA Contract</p> <ul style="list-style-type: none"> \$57,766.00 <p>GFA Services</p> <p>GFA performed a Geotechnical Exploration consisting of seven standard penetration test borings to depths ranging from 25 to 45 feet below grade. In addition, GFA provided geotechnical field technicians to perform vibration monitoring. GFA also providing engineering field technicians and a certified laboratory to perform construction materials testing services for all soil, aggregate, and concrete material used for the project.</p> <p>GFA Service Summary</p> <ul style="list-style-type: none"> Geotechnical Engineering Construction Materials Testing 			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Geotechnical, Construction Materials Testing
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
f.	(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 2		
21. TITLE AND LOCATION (City and State) City of Hollywood Salinity Monitoring Wells, Hollywood, FL		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES 2017</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Hollywood	b. POINT OF CONTACT NAME Mr. Clece Aurelus, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 805-3681		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				
<p>This project included the installation of four deep salinity monitoring wells to depths of 220'. The 2-inch wells are used for monitoring of salt water intrusion along the coast of Florida and aid the USGS and City Managers in managing the delicate water resources for the City of Hollywood.</p> <p>GFA Contract</p> <ul style="list-style-type: none"> \$198,326.00 <p>GFA Services</p> <p>In order to meet the time lines and provide near continuous soil sample for the project, GFA utilized a Geoprobe 8150LS Rotary Sonic Drill Rig. GFA International Services consisted of:</p> <ul style="list-style-type: none"> Rotary sonic sampling using the 4 x 6 sampling system Construction of 2' diameter monitoring wells to 220' Professional Geological report and monitoring Water conductivity logging of the completed bore hole CCTV camera of completed wells <p>Challenges encountered Project specifications required discriminate interval water sampling of the boring to determine the conductivity and water quality to design screen interval of the well. To accomplish this GFA used an inflatable packer system designed specifically for the sonic tooling to seal off the water column and pull water samples from specific depth intervals as required by the project geologist.</p> <p>GFA Service Summary</p> <ul style="list-style-type: none"> Geotechnical Engineering 				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Geotechnical	
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	
f.	(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 3		
21. TITLE AND LOCATION (City and State) Roadway Maintenance Responsibilities, Coconut Creek, FL		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2012</td> <td style="width: 50%;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)				
23. PROJECT OWNER'S INFORMATION					
a. PROJECT OWNER City of Coconut Creek Engineering Division	b. POINT OF CONTACT NAME Mr. Osama Elshami	c. POINT OF CONTACT TELEPHONE NUMBER (954) 522-3339			
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>The objective of this project was to collect site and subsurface data and summarize test results in the form of a Geotechnical Engineering report listing pavement structural values at each location.</p> <p>GFA Contract</p> <ul style="list-style-type: none"> \$43,885.00 <p>GFA Services</p> <p>GFA performed a total of 81 asphalt cores for sampling of materials and asphalt thickness and 27 standard penetration test borings to depths of 15-feet below existing grade. GFA visually classified and stratified the soil and rock samples recovered. GFA sampled base rock and subgrade material for Limerock Bearing Ratio (LBR) testing, as well as carbonate content testing.</p> <p>GFA Service Summary</p> <ul style="list-style-type: none"> Geotechnical Engineering Construction Materials Testing 					
					
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Geotechnical, Materials Testing		
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		
f.	(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 4
21. TITLE AND LOCATION (City and State) Oakland Preserve, Oakland Park, FL		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013 - Ongoing	CONSTRUCTION (If applicable)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Pinnacle Housing Group / Broward Housing Authority	b. POINT OF CONTACT NAME Mr. Timothy P. Wheat	c. POINT OF CONTACT TELEPHONE NUMBER (561) 627-2820	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
<p>This project consisted of the new construction of eighty, two and three-story, multi-family units located in Oakland Park, Florida on a five-acre parcel. The project was part of a cooperative venture between Pinnacle and the Broward County Housing Authority's non-profit affiliate, Building Better Communities.</p> <p>GFA Contract</p> <ul style="list-style-type: none"> \$112,997.50 <p>GFA Services</p> <p>GFA performed an Environmental Phase 1 Site Assessment with an Environmental Lien Search. This included records review, site reconnaissance, interviews, and preparation of a Phase 1 ESA Report. GFA performed an Environmental Phase 2 Site Assessment that included installing nine soil borings using a GeoProbe drill rig via direct push technology to assess for potential impacts of the use of unsuitable fill material. A total of twenty-seven soil samples were collected for laboratory analysis of low-level Polynuclear Aromatic Hydrocarbons. Due to elevated levels of benzo(a)pyrene detected in soil samples, GFA prepared and implemented a Soil Management Plan. During the implementation of the Soil Management Plan, GFA documented site activities and collected soil samples for laboratory analysis. In addition, GFA collected seventy-two, five-point composite soil samples from five large stockpiles for laboratory analysis for organochloride herbicides, arsenic, and polynuclear aromatic hydrocarbons. GFA prepared a Site Assessment Report using the laboratory data from assessments. GFA also installed three FDEP-approved shallow groundwater monitoring wells, one FDEP-approved intermediate double-cased groundwater monitoring well and collected groundwater samples for laboratory analysis. GFA retained a licensed land surveyor to survey in the top of casing elevations and GPS coordinates for the newly installed FDEP-approved monitoring wells. GFA is providing quarterly monitoring for Natural Attenuation Monitoring and Reporting. Upon completion of construction activities, GFA will submit a SMP Implementation Report-Request for No Further Action to Broward County Pollution Prevention Remediation and Air Quality Division. GFA also installed 4 FDEP-approved permanent groundwater monitoring wells. In May of 2017, GFA collected a total of sixteen soil samples with a GeoProbe drill rig via direct-push technology for further laboratory analysis and performed proper well abandonments for eight of the monitoring wells. GFA prepared an Engineering and Institutional Control Plan and No Further Action with Conditions report. GFA provided Contour Map Development services. In addition, GFA also performed a Geotechnical Exploration consisting of thirteen standard penetration test borings to depths of 25-feet below existing grade and four exfiltration tests to depths of 10-feet below existing grade.</p> <p>GFA Service Summary</p> <ul style="list-style-type: none"> Environmental Engineering Geotechnical Engineering 			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Environmental and Geotechnical
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



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 <div style="border: 1px solid black; width: 40px; margin: 0 auto; text-align: center; padding: 2px;">5</div>		
21. TITLE AND LOCATION (City and State) Sweetwater Pump Stations Phase IIB, Sweetwater, FL		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES 2013</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable)				
23. PROJECT OWNER'S INFORMATION					
a. PROJECT OWNER City of Sweetwater	b. POINT OF CONTACT NAME Mr. Eric J. Gomez, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (305) 553-5457			
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> This project consisted of the new construction of two pump stations and a 36-inch force main pipe in the City of Sweetwater, Florida. GFA Contract <ul style="list-style-type: none"> \$3,305.00 GFA Services GFA performed a Geotechnical Exploration consisting of two standard penetration test borings to depths of 25-feet below existing grade and four standard penetration test borings to depths of 15-feet below existing grade. GFA Service Summary <ul style="list-style-type: none"> Geotechnical Engineering 					
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Geotechnical		
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		
f.	(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 1
21. TITLE AND LOCATION <i>(City and State)</i> I-75 Segment E – Environmental Permitting, Wetland Restoration & Monitoring, Broward County, FL		22. YEAR COMPLETED 2018 PROFESSIONAL SERVICES Environmental Permitting & Wetland Restoration
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Dragados USA	b. POINT OF CONTACT NAME Javier Sanchez del Rio Gonzalez	c. POINT OF CONTACT TELEPHONE NUMBER
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>This FDOT Project is currently constructing an expansion of I-75 from north of Griffin Road to I-595 (referred to as Segment E) to include express lanes within the existing median. The proposed improvements also include drainage improvements and noise barriers. CECOS provided environmental permitting and list species surveys for the Design-Build Team.</p> <p>CECOS was a subconsultant to WSP and was responsible for modifying the U.S. Army Corps of Engineers (USACE) permit due to design changes including the construction of a noise barrier and drainage improvements within jurisdictional wetlands and filling a pond. The permit was originally obtained for the entire corridor from Miami Gardens Drive in Miami-Dade County to I-595 in Broward County. We evaluated on-site replacement wetlands, which resulted in zero net impacts to wetlands and required no additional mitigation. The results were presented to the USACE during an interagency meeting on behalf of the FDOT. A permit modification was required for the proposed placement of muck fill into jurisdictional ponds/borrow pits which had substantial vegetated littoral zones. We prepared the permit modification application with the required supporting documentation, which was approved within one month. A second modification was required due to additional changes during construction including impact to over one acre of wetlands. CECOS also permitted this effort which included development of a wetland restoration plan. The plan included restoring 1.22 acres of land impacted by fill activities. This was accomplished by excavating the area to adjacent elevations. This site was monitored for one year and following the final monitoring report, the USACE concurred that the restored site conditions do not require any further action or monitoring.</p> <p>CECOS also conducted a pre-construction survey within the project corridor to determine if burrowing owls and other listed species had colonized the corridor since the completion of the PD&E study.</p>		
		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME CECOS, Inc	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, Florida	(3) ROLE Sub Consultant

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
21. TITLE AND LOCATION (City and State) SR A1A Deerfield Beach PD&E Study & Design City of Deerfield Beach, Broward County, FL		22. YEAR COMPLETE 2016 PROFESSIONAL SERVICES NEPA and Environmental Studies

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Deerfield Beach	b. POINT OF CONTACT NAME Manny Sauleda, Metric	c. POINT OF CONTACT TELEPHONE NUMBER (305) 551-8100
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The City of Deerfield Beach, under the Local Agency Program (LAP) agreement with the Florida Department of Transportation (FDOT), conducted a Project Development and Environment (PD&E) Study to evaluate alternatives for mobility and safety improvements to SR A1A. The project limits are from SE 3rd Street to NE 7th Street, a distance of approximately 0.84 mile. Three alternatives were evaluated for possible improvements and included modifying traffic circulation. Public involvement was a critical component to address potential impacts to businesses, including a reduction of parking.

CECOS was the lead environmental consultant on the project and was responsible for preparing the NEPA document (Categorical Exclusion Type 2). CECOS also prepared the supporting reports: Noise Study Report (NSR), Endangered Species Biological Assessment Report (ESBAR), and Contamination Screening Evaluation Report (CSER). Over 400 noise sensitive sites were identified and evaluated including condominiums, apartments and hotels. We completed a noise analysis and identified impacts to all sensitive sites and defined reasonable and feasible abatement measures. Sea turtle nesting occurs adjacent to the project area so CECOS conducted a night time lighting study to determine potential impact to nesting sea turtles. The project was able to retrofit "turtle-friendly lighting" for new and replaced lights.



CECOS also evaluated the Deerfield Beach Fishing Pier and several beach access points as potential Section 4(f) resources.

CECOS evaluated environmental permits required for the project and coordinated with all agencies including Broward County (Stormwater), and SFWMD. Prepared environmental documentation of agency coordination and environmental issues.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME CECOS, Inc	(2) FIRM LOCATION (City and State) Deerfield Beach, Florida	(3) ROLE Sub Consultant
b.	(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 3
21. TITLE AND LOCATION <i>(City and State)</i> SR 710 / Beeline Highway Project Development & Environment Study Palm Beach & Martin, Counties, Florida		22. YEAR COMPLETED 2014 <hr/> PROFESSIONAL SERVICES NEPA Documentation
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT District 4 / TranSystems Corporation	b. POINT OF CONTACT NAME Donovan Pessoa, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 777-4442
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <ul style="list-style-type: none"> Experienced in impact evaluations of complex sites and the preparation of NEPA, Section 4(f) documents and detailed environmental reports and agency coordination. Experienced in environmental evaluation of large, complex projects, including protected species surveys, Section 7 Consultation and Endangered Species Biological Assessments. Experienced in wetland mapping, delineation, and evaluation, including the development of mitigation plans <p>Description of Work: This 25 mile road improvement and transit feasibility project extended from just east of SR 76 to Blue Heron Boulevard. The project traversed extensive environmentally sensitive areas including eight public/conservation land significant wetlands and habitat for listed species.</p> <p>CECOS was the environmental lead for the project; and was responsible for conducting wetland and threatened and endangered species studies, GIS mapping of wetland and upland habitats, identification of Section 4(f) resources, contamination assessment and preparation of NEPA and support environmental documents. CECOS conducted a corridor analysis of environmental issues for five different project corridors and evaluated the environmental issues associated with various transit alternatives along the corridor, including rail and bus. Specific responsibilities included conducting wetland/habitat mapping of over 930 acres threatened & endangered species surveys, socio-economic impact analysis, contamination screening evaluation study and the development and implementation of an environmental public involvement plan, development of UMAMs and a conceptual mitigation plan.</p> <p>Field survey methodologies for listed species were developed and approved by USFWS and FFWCC. Protected species and bird nesting surveys were conducted for eastern indigo snake, Everglade snail kite, sandhill crane, wood stork state-listed wading birds, red-cockaded woodpecker and Audubon's crested caracara. A Wildlife Crossing Study was conducted to identify potential location(s) for a crossing under the roadway. Additional responsibilities included identification and evaluation of secondary cumulative impacts and development of mitigation plans. We assisted with the public involvement effort that was required due to the significant environmental issues and controversy associated with the project.</p> <p>A Section 4(f) Determination of Applicability was prepared for the project resources along the corridor. The preferred alternative was developed to avoid the direct use and constructive use of the properties. CECOS also evaluated a shared use path outside the right of way, which would have impacted Section 4(f) properties as well as wetlands and listed species habitats. Ultimately, the path was eliminated because of these potential impacts.</p> <p>CECOS prepared the Finding of No Significant Impact and Draft and Final Environmental Assessments along with the environmental support documentation, including a Wetland Evaluation Report, an Endangered Species Biological Assessment Report, and a Contamination Screening Assessment Report. Additional responsibilities included the evaluation of secondary and cumulative impacts and the development of a conceptual mitigation plan. The FONSI has received final FHWA signatures</p>		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME a. CECOS, Inc	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, Florida	(3) ROLE Sub Consultant



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
21. TITLE AND LOCATION (City and State) Wood Stork Use of Roadway Corridor Features in South Florida, Okeechobee County, FL		22. YEAR COMPLETE 2017 PROFESSIONAL SERVICES Wildlife Study	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Florida Atlantic University (FAU)		b. POINT OF CONTACT NAME Dale Gawlick, Ph.D.	
		c. POINT OF CONTACT TELEPHONE NUMBER (561) 297-3333	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>Description of Work: Wood stork nesting colonies are located throughout southern Florida and adult storks often feed (themselves and their nestlings) along road sides or stormwater ponds, suggesting roadway corridors can provide feeding habitat. Alternatively, their presence suggests there are at least some wood storks that do not require optimal foraging conditions. Some roadways seem to have more wood storks than others, which could indicate the surrounding landscape affects corridor use.</p> <p>These questions are important to the Florida Department of Transportation (FDOT) because under Section 404 of the Clean Water Act, the FDOT is required to evaluate and mitigate for wetland habitat impacts due to roadway improvements. The improvements often affect natural wetlands or existing drainage features within the right of way or in adjacent lands that need to be acquired. In addition, additional wood stork foraging habitat mitigation is often required under Section 7 of the Endangered Species Act. Thus, an accurate estimate of prey items produced in roadway corridors and surrounding wetlands is critical where mitigation requires that "...habitat compensation replaces the foraging value matching the hydroperiod [length of time a wetland remains inundated] of the wetlands affected and provides foraging value similar to, or higher than, that of impacted wetlands" specified in guidelines of section 404 of the Clean Water Act.</p> <p>CECOS assisted Florida Atlantic University (FAU) in a study over two water-years to investigate the characteristics of roadway features that affect their use by wood storks and to quantify the community structure of wood stork prey produced. This information is needed so that the use of roadway features can be related to the production of wood stork prey items, either to enhance these features (create suitable foraging habitat) or to discourage their use (roadways near nesting colonies). Ultimately, a refinement of the fish biomass estimate in corridors with particular features and surrounding landscapes may be appropriate, and these estimates could produce a different estimate of habitat impact and mitigation requirements. This could decrease project costs substantially.</p> <p>CECOS developed maps and provided data layers of habitat and roadside corridor features. These maps were ground-truthed. CECOS then characterized the morphology and related plant community structure of prey sampling sites. Finally, CECOS' staff scientists assisted FAU in the refinement of the Suitable Wood Stork Biomass calculations used by the U.S. Fish and Wildlife Service for FDOT projects.</p>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CECOS, Inc	(2) FIRM LOCATION (City and State) Deerfield Beach, Florida	(3) ROLE Sub Consultant



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
21. TITLE AND LOCATION <i>(City and State)</i> US 1 / FEC and Expansion of Runway 9R-27L Fort Lauderdale-Hollywood International Airport Broward County, FL		22. YEAR COMPLETED 2014 20. EXAMPLE PROJECT KEY NUM 5 PROFESSIONAL SERVICES Environmental Permitting, Wetland Studies, and Wildlife Studies
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County Board of County Commissioners operated by the Broward County Aviation Department HNTB / Tutor-Perini	b. POINT OF CONTACT NAME Scott Dean P.E., HNTB	c. POINT OF CONTACT TELEPHONE NUMBER (407) 805-0355

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

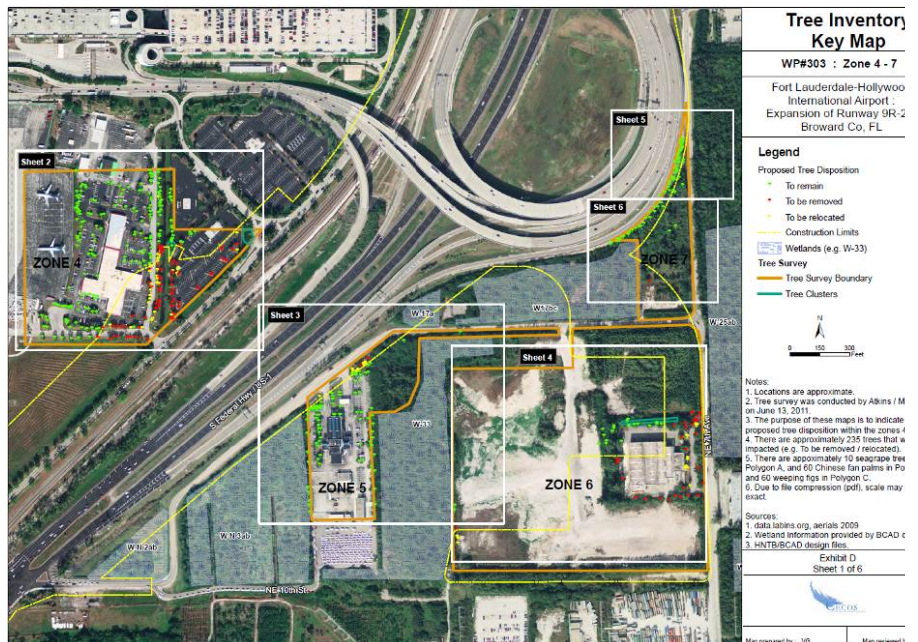
Description of Work: The overall project involved the Runway Expansion to Fort Lauderdale-Hollywood International Airport (FLL) and modifications to US 1. The proposed Design-Build project consisted of development of five design packages and associated work. Additional work included all of the ancillary and associated project elements that provided the new roadway structure system. In addition, NE 10th Street was extended to connect to NE 7th Avenue and the contract included final design plans and obtain all required permits and/or modifications.

CECOS provided environmental permitting and related consulting services for the design and construction of this important County project. CECOS also assisted in providing wetlands delineation, tree surveys, contamination assessments (dewatering), species surveys, and environmental permitting during the design and construction phases. Environmental permit services have included preparation of permit applications; support environmental surveys and documentation; coordination with agencies and submittal and tracking of all applications during design and construction of the runway project. CECOS also provided guidance on permit compliance issues.

CECOS prepared/obtained and/or modified the following permits for various design and construction phases:

- SFWMD Environmental Resource Permit
- SFWMD Dewatering Permit
- USACE Dredge/Fill Permit
- BC EPGMD Environmental Resource License
- BC EPGMD Surface Water Management License
- BC EPGMD Tree Removal License
- BC EPGMD Dewatering Authorization

CECOS also conducted Permit closeout activities for the above permits.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	CECOS, Inc	Deerfield Beach, Florida	Sub Consultant

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

21. TITLE AND LOCATION <i>(City and State)</i> Sullivan Park Improvements Deerfield Beach, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Deerfield Beach, FL Community Redevelopment Agency	b. POINT OF CONTACT NAME Mr. Hiep B. Huynh, P.E. (Retired) Mark Di Mascio took the place of Mr. Huynh as CRA Capital Projects Manager	c. POINT OF CONTACT TELEPHONE NUMBER (954) 480-4262

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

Description: Expansion and redevelopment of the park area, working with the Community Redevelopment Agency of Deerfield Beach. This project included boat slips for transient boats, floating docks for canoes and kayaks, pedestrian boardwalk along the water's edge connecting to the Cove Shopping Center, a restroom building (1,520 SF), and the creation of a pleasant park space.

Size: Site Work = 130,519 SF; Restroom Building = 1,520 SF

Scope of Work: Construction Documents Cost Estimating

Cost: \$4,672,410.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CMS-Construction Management Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 10 Fairway Drive, Suite 301 Deerfield Beach, FL 33441	(3) ROLE Cost Estimating (2006) Contract Administration (2009) Construction Inspections (2009)
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

SF330	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY NUMBER 2
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21. TITLE AND LOCATION (City and State) Revitalization of Ocean Park – Phase I Dania Beach, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Dania Beach, FL c/o EDSA	b. POINT OF CONTACT NAME John Torti, PLA, ASLA / Associate	c. POINT OF CONTACT TELEPHONE NUMBER (954) 524-3330

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

Description: Revitalization of Ocean Park which included the restroom buildings renovation, new kayak building, new pedestrian drop-off/pickup area at park entrance, furnishings (benches, grills, trash receptacles, picnic tables, hammock, volleyball nets & wood supports), new dumpster, sand dune restoration, lighting, and landscaping)

Size: Site Size for Phase I only = 76,000 SF

Scope of Work: Design Development / Construction Documents Cost Estimating

Cost: \$2,694,212.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CMS-Construction Management Services, Inc.	(2) FIRM LOCATION (City and State) 10 Fairway Drive, Suite 301 Deerfield Beach, FL 33441	(3) ROLE Cost Estimating (2006) Contract Administration (2009) Construction Inspections (2009)
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	20. EXAMPLE PROJECT KEY NUMBER
	<i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	3

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Countess deHoernle Park Boca Raton, FL		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER The Greater Boca Raton Beach and Parks District c/o Kimley-Horn and Associates, Inc.	b. POINT OF CONTACT NAME Angelina Fairchild, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 845-0665

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

Description: Development of a new park from 80 acres of unused land, owned by the City, and developed with a recreational theme which was given the name "*Countess de Hoernle Spanish River Athletic Facility*". The park opened in 2012 and four more athletic fields have been slated for Phase II. The park includes two large concession stands, fountains, a children's playground, baseball and soccer fields, restrooms, pavilion building, and parking and vehicular access.

Development of a new park which includes:

- 4 baseball fields with Baseball Building = 5,110.88 SF,
- 4 soccer fields with Soccer Building = 3,682 SF;
- Accompanying Restroom and Pavilion Building
- Parking and Vehicular Access

Project Site Size: 3,267,000 SF

Cost: \$22,393,190.00

Specific Role: Construction Documents Cost Estimating



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CMS-Construction Management Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 10 Fairway Drive, Suite 301 Deerfield Beach, FL 33441	(3) ROLE Cost Consultant / Cost Estimator
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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

21. TITLE AND LOCATION <i>(City and State)</i> Vista View Park Expansion Davie, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2009</td> <td>CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> N/A				
23. PROJECT OWNER'S INFORMATION					
a. PROJECT OWNER Broward County, FL c/o URS Corporation		b. POINT OF CONTACT NAME Brett Oldford, P.E./Senior Civil Engineer			
		c. POINT OF CONTACT TELEPHONE NUMBER (561) 994-6500			

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

Description: Park Expansion (Part of Broward County Regional Parks Group); includes New Administrative and Maintenance Buildings, Horse Trails, Playground Area, Exercise Stations, Picnic Shelters, Restrooms, Bicycle Paths, Jogging Trails, Floating Dock, Tree Removal/Landscaping

CMS provided Cost Estimating Services for this project in 2006 and served as Contract Administrator (Project Manager) from January 2009 through October 2009.

Size: Project Site = 104.53 Acres: Administrative Office / Gate = 2,411 SF; Maintenance Building = 1,396 SF; Restroom Building #1 = 625 SF; Restroom Building #2 = 625 SF; Large Picnic Shelters #1 = 1,296 SF; Large Picnic Shelters #2 = 1,296 SF; Medium Picnic Shelter #1 = 900 SF; Medium Picnic Shelter #2 = 900 SF; Small Picnic Shelter #1 = 576 SF; Small Picnic Shelter #2 = 576 SF

Scope of Work: Schematic Design / Design Development / Construction Documents Cost Estimating (2006)
 Contract Administration (2009)
 Construction Inspections (visiting the job site daily to monitor construction progress) (2009)

Cost: \$8,378,472.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CMS-Construction Management Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 10 Fairway Drive, Suite 301 Deerfield Beach, FL 33441	(3) ROLE Cost Estimating (2006) Contract Administration (2009) Construction Inspections (2009)
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and 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 5	
	21. TITLE AND LOCATION <i>(City and State)</i> Museum Park Miami – Phases I & II Miami, FL		22. YEAR COMPLETED <table border="1"> <tr> <td> PROFESSIONAL SERVICES 2009 – Phase I 2010 & 2014 – Phase II </td> <td> CONSTRUCTION <i>(If applicable)</i> N/A </td> </tr> </table>	PROFESSIONAL SERVICES 2009 – Phase I 2010 & 2014 – Phase II
PROFESSIONAL SERVICES 2009 – Phase I 2010 & 2014 – Phase II	CONSTRUCTION <i>(If applicable)</i> N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Miami, FL c/o Cooper, Robertson & Partners		b. POINT OF CONTACT NAME Michael Jasper	c. POINT OF CONTACT TELEPHONE NUMBER (212) 247-1717	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost.)</i>				

Description: Phases I & II involve development of the new park on the south side of a new museum. This development involves: the main park & south slip bay walk, slip improvements [moorings only]), the museum district site work, Biscayne Plaza Water Features, Promenade, Rain Garden, Sky Garden, Palm Garden, Children's Play Garden, Canopy Walk, Events Garden, Scallop Garden, Culture Garden, Metromover Build-out, Maintenance Building and Fence, Pump Station and Fence, Small and Large Vessel Docks, Observation Platform, Signature Bridge, Restaurant, Park Pavilion, Kiosk, and Northwest Restroom/Concession/Storage Building; also, construction of underground Parking Garage for the Park (225 Parking Spaces for One-Level, Underground Garage for new Museum)

Size: 45.52 Acres

Cost: \$54,152,499.00 (Park Development [Land Preparation & Amenities]); \$13,892,316.00 Parking Garage;

Staging Area = \$297,000.00

Specific Role: Master Plan, Order of Magnitude, Schematic Design, Design Development, Construction Documents Cost Estimating Phases



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME CMS-Construction Management Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 10 Fairway Drive, Suite 301 Deerfield Beach, FL 33441
b.	(1) FIRM NAME	(3) ROLE Cost Consultant / Cost Estimator
c.	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(3) ROLE
	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

[illegible]

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Sullivan Park	6	
2	Revitalization Ocean Park	7	
3	Countess deHoernle	8	
4	View Vista Park	9	
5	Museum Park	10	

SF330

H. ADDITIONAL INFORMATION

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

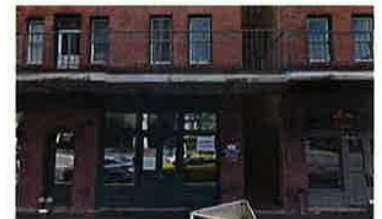
Chen Moore and Associates (CMA) is a multi-discipline consulting firm with offices in Fort Lauderdale, Miami, West Palm Beach, Orlando and North Central Florida.

Founded in 1986, Chen Moore and Associates specializes in civil engineering, water resources, water and sewer, transportation, landscape architecture, planning and irrigation, environmental and construction engineering inspection. The firm commits to providing responsive quality services while meeting the schedules and specific project needs of our clients.

CMA actively supports various community organizations including Habitat for Humanity, Toys for Tots, the Cooperative Feeding Program, and Ocean Watch, a non-profit group focused on cleaning and preserving South Florida's Beaches. Firm staff participates in local professional society events including the American Society of Civil Engineers, Florida Engineering Society, American Society of Landscape Architects, Irrigation Association, Florida Recreation and Park Association, International Society of Arboriculture and the United States Green Building Council. We proudly support our industry and the communities in which we live, play and work.

Our services include the following:

- Infrastructure Master Planning
- Pump Station Design and Rehabilitation
- Water Supply, Treatment and Distribution Design
- Stormwater Management System Design and Master Plans
- Environmental Engineering
- Roadway Design and Streetscape
- Traffic Calming Design
- Circulation & Roundabout Design
- Government Permitting
- Land Development
- Site Development
- Site Planning
- Landscape Architecture
- Hardscape Design
- Irrigation Design
- Park Design
- Greenway & Trails Design
- Pedestrian & Bicycle Pathway Design
- Habitat Restoration
- Wayfinding
- GIS Analysis and Mapping
- Project and Program Management
- Sustainable Design and LEED Solutions
- Value Engineering
- Utility Rate and Infrastructure Valuation Studies
- Resident Coordination and Stakeholder Meetings

**I. AUTHORIZED REPRESENTATIVE**

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

7/20/2018

33. NAME AND TITLE

Peter Moore, P.E., F.ASCE, ENV SP, LEED AP, President

SF330

H. ADDITIONAL INFORMATION

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

TRC Worldwide Engineering, Inc. (TRC) combines the talents and resources of several preeminent organizations that have been at the development forefront for some of the nation's most unique structures.

The firm has been committed to geographic expansion since its beginning in 1967. With 15 offices in total, TRC has global visibility through 3 international and 12 domestic offices across the United States. Initiating its acquisition strategy, TRC strengthened its Florida capabilities through the presence of Jenkins and Charland, Inc., a Ft. Lauderdale based Structural Engineering firm. TRC is comprised of 4 full service Florida offices with locations in Fort Lauderdale, Fort Myers, Sarasota and Tampa and has a collective team of 35 technical professionals who are available to meet the responsibilities required by the City. Our highly qualified staff is licensed by the State of Florida and has expert knowledge of regulatory changes and code compliance.

Over the past 5 decades, TRC has developed an in-depth knowledge of the local community and an extensive history working on projects throughout Broward County. TRC's Plantation office, led by both Mr. Nitin Ranadive, P.E., Director of Operations and by Mr. David Charland, P.E., S.I. Regional Director are highly qualified to provide Structural Engineering services to the City of Pembroke Pines. TRC's *Parks and Recreation* portfolio includes:

- Pembroke Pines, City Hall and Civic Center, City of Pembroke Pines
- Community Center and Cultural Amphitheater, City of Miramar
- Port St. Lucie Community and Civic Center, City of Port St. Lucie
- Optimist Park, Town of Miami Lakes
- Lake Lytal Aquatic Center, City of West Palm Beach
- Lake Worth Beach Complex, City of Lake Worth
- Chupco's Landing Community Center, Seminole Tribe of Florida, Ft. Pierce
- Doral Glades Park, City of Doral
- Pop Travers Park, City of Plantation
- Sullivan Park, City of Deerfield Beach
- Highlands Park Community Center, City of Deerfield Beach
- Margate Sports Complex, City of Margate
- Cambier Park Amphitheater, City of Naples
- Coconut Creek Community Center and Pavilions, City of Coconut Creek
- Pelican Soccer Complex and Concession Building, City of Cape Coral

TRC has ongoing relationships and continuing service contracts within Broward County which include Architectural and Engineering Services with the Sheriff of Broward County (2013- 2018), Professional Engineering Services for the City of Ft. Lauderdale (2015- 2019), the City of Lauderhill Lakes (2018-2021), the City of Hollywood (2014-2019) the City of Coral Springs (2015- 2020) and the City of Oakland Park (2017-2019).

With more than fifty (50) years of Structural Engineering experience, TRC has built its professional reputation on sound technical abilities and adheres to the highest standards of professional Engineering principles. Teamwork, an in-depth understanding of project scopes and meeting client needs has allowed for TRC's successful results.

TRC's track record for developing sound structures is second-to-none. With a philosophy centered on **Service, Innovation and Quality**. TRC stands ready and committed to serve the Structural Engineering needs of the City of Pembroke Pines.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



31. DATE

7/18/2018

33. NAME AND TITLE

Nitin Ranadive, P.E., Director of Operations, Senior Engineering Manager



DELTA G CONSULTING ENGINEERS, INC.

FIRM PROFILE

Delta G Consulting Engineers, Inc. was founded in 1992. We are registered with the USGBC. We are a full service consulting engineering firm dedicated to providing our clients with the highest quality Electrical, Mechanical, Plumbing and Fire Protection engineering services at a competitive cost.

Delta G office has a total staff of 23 (21 professional and 2 administrative assistants); including five Registered Professional Engineers, and eight LEED Accredited Professionals.

Our design and investigative services are provided to:

- 1. Architects**
- 2. Developers**
- 3. Industry**
- 4. Municipal and Governmental Agencies**
- 5. Residential and Commercial Building Owners**

We are experienced in healthcare facilities including acute care hospitals, ambulatory surgery center and outpatient centers, low-rise, mid-rise and high-rise residential building design, fire stations, airports, K-12, library, municipal, retail, hotel, and single family custom homes design. The Delta G is centrally located to serving clients in Miami-Dade, Monroe, Broward and Palm Beach Counties. Possessing a firm understanding of large-scale projects, Delta G professionals bring to the design team strong relationships with major institutional clients and an in-depth knowledge of the market.

Clients trust us to conduct research, present options, and deliver thorough, accurate, timely documents.

GOALS AND PHILOSOPHY

Our team based approach, engineering knowledge and excellent skills inspire confidence and enhance our accountability to our clients.

LEED Experience

Delta G is the premier LEED firm in Florida with over 1,230,000 s.f. of LEED built environment already in place. Our LEED accredited professionals have the level of experience you would expect to find only in the most environmentally advanced nations, yet we are right here in South Florida. We deliver results beyond your expectations.

Our CAD facilities are state of the art 3.5 GHz Intel I7 processors workstations with 32 GB Ram fully networked with two monitors of 27" and 19". We are currently operating with AutoCAD Release 2017, and Revit 2017.

SF330

H. ADDITIONAL INFORMATION

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

Company Profile

Tierra South Florida, Inc. is a multi-disciplinary geotechnical, materials engineering and inspection firm, offering professional engineering and associated consulting services to both the public and private sectors. The primary service areas are:

1. Geotechnical Engineering
2. Field and laboratory construction materials engineering inspection and testing
3. Threshold/Special Inspections

The geotechnical and materials engineering services provide clients with the comprehensive range of siting, planning, design, construction and quality control disciplines required for major construction projects.

Mr. Raj Krishnasamy, P.E. qualifies as a minority by Federal Guidelines. Mr. Krishnasamy is a licensed Engineer with 31 years of experience in geotechnical, material engineering and inspection services.

Geotechnical Engineering

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

Construction Materials Engineering and Testing

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

Laboratory Facilities

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

Corporate and Project Management Philosophy

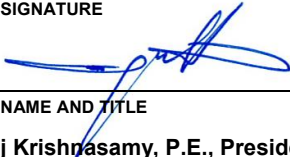
The Tierra South Florida organization is committed to minimizing corporate administrative control which allows both branch management and specific technical teams to take correct and timely actions to meet the objectives of their clients. Employees stress quality, responsive services in which they will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

Interaction with Regulatory Agencies

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

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

July 18, 2018

33. NAME AND TITLE

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

SF330

H. ADDITIONAL INFORMATION

Avirom & Associates was founded in 1981 by the company's president, Michael D. Avirom, P.L.S. The company began as "Michael D. Avirom Land Surveyors" with a single two man crew and one draftsman. The firm has now grown into a successful business with over thirty eight employees (nine crews) and five Registered Professional Land Surveyors with offices in Boca Raton, Key West and Stuart, Florida.

In 1998, Avirom & Associates acquired the records of Arthur V. Strock and Associates, Inc.; Bickham Land Surveying Company; Nash, Schwartz and Associates, Inc.; Caufield – Nash and Associates; Safari Surveying and Engineering; and James F. Nash and Associates. Avirom & Associates has achieved a very successful track record with projects throughout Florida, the Bahamas and the Caribbean. We have had a sound and sustained growth since inception and anticipate a continuation into the future.

Our mission is to provide our clients with a quality product in a cost-effective and timely manner. Communication is an important aspect of a successful project. Our clients interact directly with one of our six Project Surveyors. We strive to deliver our projects within or before the requested timeframe.

Our business is predominantly based on repeat clientele and referrals, which is an endorsement that our goals are achieved. We provide a product that meets the needs of our clients, as their satisfaction is our primary objective.

Our employees are all trained in the utilization of GPS (Global Positioning System), electronic data collection and 3D laser scanning. We own the latest in surveying technology.

The receivers are linked by cellular service to a network of base stations throughout Florida. This gives us the ability to utilize our receivers in Real Time Kinematic (RTK) mode throughout the State of Florida.

Located in South Florida, via planning provides transportation planning and traffic engineering to clients in the public and private sectors. We are committed to providing a quality product through a results-driven, collaborative approach. Our dedicated staff consists of consensus-building, passionate project managers with strong commitment to client-service.

**Expertise****Traffic Engineering and Transportation Planning:**

- Traffic impact analysis
- Design traffic/Project traffic
- Growth management
- Interchange access document proposal
- Lane elimination
- Traffic calming/Complete streets
- GIS
- Data collection

Strategic Planning:

- Organizational SWOT analysis
- Marketing, branding, and advertisement
- Career coaching
- Personal coaching

Public Relations and Community Outreach:

- Design and analysis of stakeholder surveys
- Public involvement activities, including design charrette and public workshops
- Proven, proactive, and consensus-building approach
- Preparation of project website, press releases, newsletter, flyer, poster, and other multi-lingual publications

H. ADDITIONAL INFORMATION



GFA provides high quality, cost effective, environmental consulting, industrial hygiene, and health & safety services throughout the State of Florida. We develop and execute creative solutions of the highest quality designed to protect and maximize the value of our clients' assets.

GFA investigates and advises our clients on environmental issues that can effect property transactions and future development decisions. These issues can determine the development strategy for industrial and commercial properties. Our knowledge, experience, and understanding of potential environmental liabilities helps our clients achieve their business goals while minimizing their environmental risks. GFA offers a full-line of environmental consulting services including:

Phase I Environmental Site Assessments

GFA has performed thousands of Phase I Environmental Site Assessments on all types of properties. Our environmental professionals are fully qualified to conduct Phase I Assessments in accordance with the EPA's "All Appropriate Inquiry" rule.

Phase II Environmental Site Assessments

The Phase II Environmental Site Assessment addresses recognized environmental conditions typically through the collection and laboratory analysis of soil and/or groundwater samples. GFA has the personnel and experience to perform assessments quickly, safely and cost effectively.

Site Assessment Reports

Environmental professionals of GFA perform Site Assessments that accurately delineate the extent of impacts to soil and groundwater and obtain Site Assessment Report approval from the FDEP.

Remedial Action Plans

The professionals at GFA have the expertise and experience to mitigate contaminants in soil and/or groundwater through proven and innovative technologies. A Remedial Action Plan is cost-effective, efficient, and produces minimal impact to the site development.

Underground Storage Tank Removal and Closure Assessments

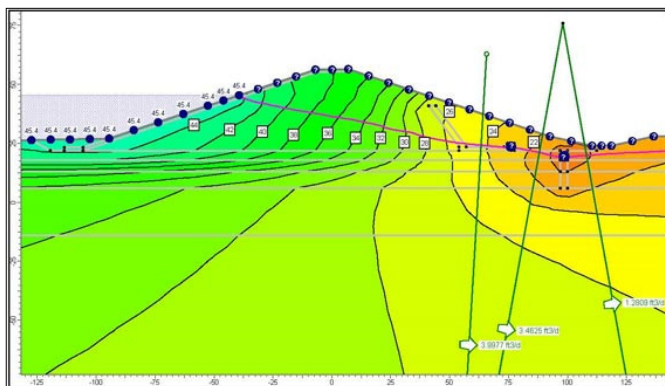
GFA can provide Storage Tank Removal, Tank Closure Assessments, and implement the necessary remediation required to receive a "no further action" order from the FDEP.

Environmental Drilling

GFA offers a full-line of Environmental Drilling Services including direct-push, shallow and deep monitoring well installation, split spoon sampling and direct push soil and groundwater and micro-well installation.

Field Sampling and Analytical Laboratory Services

GFA performs sampling in accordance with the FDEP's Standard Operating Procedures for Field Sample Collection.



SF330

H. ADDITIONAL INFORMATION

Cyriacks Environmental Consulting Service, Inc. (CECOS) was formed in 2003 to provide public and private sector clients with high quality, professional environmental and ecological consulting services. Wendy Cyriacks, with over 25 years of environmental experience in south Florida, is President of CECOS.

CECOS has the expertise and staffing to provide high quality environmental services to your needs. Our approach is to:

- Provide our clients with innovative solutions to avoid and minimize impacts to our natural resources,
- Integrate projects into the environment, and
- Achieve the goals of our clients in a cost effective manner.

CECOS provides a wide range of environmental and ecological consulting services including NEPA documentation, environmental permitting, environmental monitoring and permit compliance, mitigation and the investigation and analysis of impacts to terrestrial, wetland and coastal marine resources in tropical and subtropical environments. We specialize in providing these services to public sector clients including Florida Department of Transportation, Palm Beach County Department of Airports, Broward County Aviation Department and Seaport Engineering and Construction (Port Everglades), Miami-Dade County, US Army Corps of Engineers (USACE), South Florida Water Management District (SFWMD), and various counties, municipalities and utilities. CECOS professional staff have over 95 years of combined environmental and ecological experience in south Florida.

CECOS is a 100% Woman Owned Company and is a certified Minority/Women Business Enterprise (M/WBE) with the State of Florida, a Disadvantaged Business Enterprise (DBE) and Small Business Enterprise (SBE) with the Florida Department of Transportation (FDOT), a SBE with the South Florida Water Management District (SFWMD), a Community Business Enterprise (CBE) with Broward County, Miami-Dade County SBE|GS and SBE|AE. CECOS is also self-certified with the Federal Government as a woman-owned, small business. CECOS is a Florida Corporation with its corporate office located in Deerfield Beach, Broward County, Florida.

We are committed to exceeding your expectations!



a. SIGNATURE

b. DATE

7/18/18

c. NAME AND TITLE

Wendy Cyriacks, President

SF330

H. ADDITIONAL INFORMATION**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 has been providing Construction Management (Project Management) / Owners' Representative and Cost Estimating / Cost Consulting services in the Tri-County area of South Florida to both public and private sectors—including governmental agencies such as cities, counties, school districts, and airports—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.

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.

CMS's experiences include, 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

CMS is certified in the following business enterprise categories:

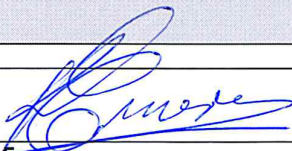
Minority Business Enterprise (MBE) issued by the State of Florida, Office of Supplier Diversity ♦ County Business Enterprise (CBE) issued by Broward County, Florida ♦ Small Business Enterprise (SBE) issued by Broward County, Florida ♦ Disadvantaged Business Enterprise (DBE) under the Unified Certification Program (UCP) in Florida issued by Broward County, Florida

Partial List of Park Projects is as follows:

- The Underline (Miami) – New Park under the Metrorail) – 2017
- Hughes Park Site Lighting (Boca Raton) – 2016
- Meadows Park Walkway Lighting (Boca Raton) – 2016
- 188th Street Park, Phases I & II (Aventura) – Site Work, Signage, Irrigation, Landscaping, Paving/Curbs, Playground Area, Exercise Area, Site Furnishing (benches, covered bench canopies, litter receptacles, bike racks, playground equipment, exercise equipment, fences, gates, shade structures, drinking fountains, etc. – 2015
- Revitalization of Ocean Park, Phase I (Dania Beach) – Refurbishment of the existing park which includes restroom buildings renovation, new kayak building, new pedestrian drop-off/pickup area at park entrance, furnishings (benches, grills, trash receptacles, picnic tables, hammock, volleyball nets & wood supports), new dumpster, sand dune restoration, lighting, and landscaping – 2015
- University of Miami – Wellness Park (Conversion of Parking Lot into a Park) – 2014
- Vista View Park Expansion (Davie) – (Development of new Park with Trails/Paved Paths/Horse Trails, Buildings, Picnic Shelters, Playgrounds, Docks, Basketball Courts, Restroom Buildings, Exercise Stations) – 2009
- Miami Museum Park, Phases I & II (Development of Park and Underground Parking Garage adjacent to future Art Museum) – 2009/2010/2014
- Heritage Park and Parking Garage (Sunny Isles Beach, FL) – Development of new park with a parking facility — 2008
- Dorothy Quintana Community Center at Roberto Clemente Park (Miami) – New Center with Maintenance/Storage Building – 2008
- Countess de Hoernle Park (Boca Raton, FL) – Development of new Park (Ball Fields, Buildings, Restrooms/Parking Lot) – 2007
- South Pointe Park Improvements (Miami Beach) – New Playground, Walking Path, Pavilion Building, Vehicular Storage – 2007
- Everglades Holiday Park (Fort Lauderdale) – New Park w/Buildings, Restaurant, Cabins, and Site Development Areas – 2007
- Northgate Park Expansion (Lauderdale Lakes) – Improvements to Park – 2005
- José Martí Park- Phase II, Gymnasium (Miami) – Park Renovations and Chiller Building Enclosure – 2005
- Young Circle Arts Park (Hollywood) - New Visual Arts Building – 2005
- Western Park (Parkland) – New Community Center and Amphitheater – 2004
- Washington Park (North Miami Beach) – Restroom Renovations – 2004
- Tradewinds Park (Coconut Creek) – New Maintenance Building – 2004
- Carver Ranches Park (West Park) – Basketball Courts Renovations – 2004

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

31. SIGNATURE



32. DATE

July 16, 2018

33. NAME AND TITLE

Keith Emery, President

CARTAYA AND ASSOCIATES RELEVANT EXPERIENCE

Pompano Beach Community Parks - Standalone Toilet Facilities and Aquatic Center

As part of a Continuing Services Contract, Cartaya is currently providing architectural services for several parks for the City of Pompano Beach. At Community Park we are providing services for standalone toilet facilities, drinking fountains, storage and custodial space as well as a facility next to the community pool. This facility will provide a Training and First Aid room with showers and locker facilities along with handicap accessible parking adjacent to the entry. The building will also be provided with a pump room and chemical room and provide a chemical room.

The intent of the facility is to service both the pool and general community with training and first aid which will be accessible from both the main entry and a second entry from the pool. It will also provide retail space.

Also included as part of this contract are standalone, solar powered toilet facilities at Pompano Beach Dog Park and Sandspur Park. These facilities will provide the parks with ADA Accessible toilets as well as a Custodial Room and a Solar room.

Broward College Bailey Hall

Cartaya and Associates Architects, P.A. was selected to provide interior renovation design and exterior conceptual design services for this performing arts and educational facility. Given a tight window to design and assist the contractor throughout construction, we completely modernized Bailey Hall's interior, including the auditorium, seating and acoustics, concessions, lobbies, and ticketing to make it the gem it's supposed to be in time for the final 2014 Florida Gubernatorial Debate Broward College was selected to host that year.

Seminole Classic Casino Renovations and Additions

Cartaya and Associates Architects, P.A. was hired by the Seminole Tribe of Florida Gaming Division to renovate and upgrade the existing Seminole Classic Casino in Hollywood, Florida.

Work included upgrades to all the Life Safety components and construction to meet the current building codes and comply with ADA requirements both inside and outside the facility. This involved the addition of a new fire sprinkler system on the north side, while improving the connections and locations in the existing sprinkler system on the south side of the structure.

Additional renovations include remodeling all the interior finishes of the casino. An addition was incorporated for a new vault and renovations were required to the existing cashier's area and cage. All the restroom facilities were completely demolished and upgraded to meet current ADA standards. Furthermore, we upgraded the kitchen facility, remodeled the existing buffet and provided for a new service bar. The existing stage and bar areas were remodeled and the high limit poker areas were reconfigured to make room for additional slot machines. We also replaced AC units and enlarged the mechanical rooms that enclosed them.

On the exterior of the facility, our renovation designs included repainting the exterior facade, remodeling exterior VIP areas, resealing and re striping the parking lot, the addition of several new ADA accessible spaces.

City Of Miramar Continuing Services Contract

Cartaya and Associates Architects provided Architectural Services which included Design services that may include new sites and facilities, and studies renovations or upgrades to existing facilities, specialties required but are not limited to MEP engineers, structural engineers, civil engineers, landscape architecture, irrigation, waterproofing and building envelope specialists, building environmental specialists.

One of the projects under this contract was the Miramar Cultural Arts Storage Addition which began

as an exploration of the existing Cultural Arts Facility to find the best options for additional storage. Our firm looked at the entire facility and identified potential locations for storage. After our evaluation the City selected the location which was an addition to the back of the house of the theater. This addition maintained the architectural language of the building and maintained the same floor and ceiling levels so this space would be conditioned from the existing facility without requiring additional mechanical work.

The Miramar City Hall Office Renovations and Covered Walk was actually two projects in one. The first part of this project was the evaluation of existing office space available to the City of Miramar. We looked at the second floor plan layout 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.

The second part of this project was the Covered Walk which intended to connect the second floor of the City Hall building to the second floor of the Cultural Arts Building. This project will benefit the functionality of the two buildings as they will become connected at the second level. The connector would also become an art gallery for pedestrians to use as they circulate from one building to the other. The covered walk was tied architecturally to the two buildings and allowed us to create an entryway into the existing Art Garden.

Broward County Housing Authority Continuing Services Contract

Architectural and Engineering services were provided to assist with Broward County Housing Authority's Public Housing Capital Fund and Affordable Housing programs. Services included but are not limited to the development of drawings and/or specifications, cost analysis, and inspection services for modernization projects as well as properties considered for acquisition by the agency.

Specifically some of our work entailed the dimensioning of existing apartments in order to develop As-Built drawings. Based on the drawings we then provided numerous designs for the existing facilities which needed to meet Street Guidelines for Affordable Housing, ADA requirements and Fair Housing Act Requirements. We generated plans for kitchen and bathroom renovations as well general renovations of entire units in some cases. Projects included:

- Meyers Estates Kitchen Renovations
- Griffin Gardens Generator Replacement
- Highland Gardens Generator Replacement
- Meyers Estates Units 401, 402, 702 Revisions
- Everglades Community Center Renovations and New Buildings
- Park Ridge Community Building Renovations
- Park Ridge Court Apartments Renovations
- Griffin Apartments Renovations
- Everglade Heights Apartments Kitchen and Bath Renovations

City Of Pompano Beach Community Redevelopment Agency Continuing Services Contract

Cartaya and Associates Architects 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. The improvement of light poles and fixtures met the requirements of the City for improving the aesthetics and function of Atlantic Boulevard within the CRA District.

A third project under this contract was the Harbor Village Sign project. This project included the development of monument signs to identify Harbor Village along Atlantic Boulevard and also follows the aesthetics and function requirements of the CRA District.

Broward County Work of a Specified Nature

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 - Facility Condition Assessment Services

As part of the above Broward County Work of a Specified Nature continuing services contract, Cartaya and Associates Architects was part of the team which conducted Comprehensive Asset Condition Assessment of this 972,00 square foot facility made up of an 872,000 square foot arena and 100,00 square foot parking lot.

The work included collection of all documented information, field observations of architecture, plumbing, mechanical and electrical systems, and reporting of findings. This assesment was was performed to assist the owner in developing a program for Capital Improvements over the next thirty years in order to have a plan for improvements as the facility ages.

Broward County Bus Shelters

This project is also part of the Broward County Work of a Specified Nature continuing services contract. Under this contract Broward County Transit has installed over 300 bus shelters within 17 of the cities in Broward County in addition to thousands of bus stops improved to comply with ADA standards. The Broward County Transit Bus Shelter Program has been improving bus stops with the objective of providing proper conditions to the patrons riding the buses every day. Proper shelter and amenities (trash cans, benches, bike racks) are been installed in bus stops all over the County, designed to accommodate the amount of people utilizing the facilities at each stop. The goal of this program is to improve all bus stops in the County for them to be ADA compliant.

SF330

H. ADDITIONAL INFORMATION**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.

**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.

**PLANNING, REDEVELOPMENT, AND 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.

**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.

**I. AUTHORIZED REPRESENTATIVE***The foregoing is a statement of facts.***31. SIGNATURE**
32. DATE

07/23/2018

33. NAME AND TITLE

Deborah Martin, Marketing Manager

SF330		ARCHITECTURAL/ENGINEERING QUALIFICATIONS PART II. GENERAL QUALIFICATIONS		1. SOLICITATION NUMBER (If any) PSEN-18-02	
(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 a. TYPE Corporation		
2c. CITY Fort Lauderdale		2d. STATE FL	2e. ZIP CODE 33308		
6a. POINT OF CONTACT NAME AND TITLE Mario Cartaya, Principal			b. SMALL BUSINESS STATUS yes		
6b. TELEPHONE NUMBER (954)771-2724		6c. E-MAIL ADDRESS mcartaya@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 (1) FIRM (2) BRANCH		a. Profile Code	b. Experience
02	Administrative	3		A06	Airport; Terminals and Hangers
06	Architect	3		A11	Auditoriums
47	Planners: City/Urban	1		C10	Commercial Building (Low Rise)Shopping Center
48	Project Manager	4		C11	Community Facilities
08	CAD Technician	9		E02	Educational Facilities;Classrooms
				F02	Field Houses, Gyms, Stadiums
				G01	Garages, Vehicle Maintenance, Parking Deck
				H08	Historical Preservation
				H09	Hospital & Medical Facilities
				H10	Hotels & Motels
				H11	Housing Residential; Multi-family; Apartments
				I01	Industrial Building
				I05	Interior Design; Space Planning
				J01	Judicial and Courtroom Facilities
				L04	Libraries; Museums; Galleries
				P13	Public Safety Facility
				R04	Recreational Facility (Parks, marinas, etc.)
				R12	Roofing
				S11	Sustainable Design
				S12	Swimming Pools
	Other Employees				
Total		20			
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR THE LAST 3 YEARS (Insert Revenue index number shown at right)			PROFESSIONAL SERVICES REVENUE INDEX NUMBER		
a. Federal Work	0	1. Less than \$100,000			
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000			
c. Total Work	5	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			
I. AUTHORIZED REPRESENTATIVE The foregoing is statement of facts.					
31. SIGNATURE 					32. DATE 07/23/2018
33. NAME AND TITLE Deborah Martin, Marketing Manager					

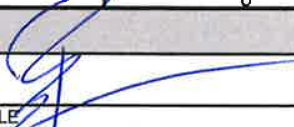
SF330

**ARCHITECTURAL/ENGINEERING QUALIFICATIONS
PART II. GENERAL QUALIFICATIONS**
**1. SOLICITATION NUMBER (If any)
PSEN-18-02**

2a. FIRM (OR BRANCH OFFICE) NAME Chen Moore and Associates, Inc.				3. YEAR ESTABLISHED 2011		4. DUNS NUMBER 859459547	
2b. STREET 500 W. Cypress Creek Rd., Suite 630				5. OWNERSHIP			
2c. CITY Fort Lauderdale		2d. STATE FL		2e. ZIP CODE 33309		a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Peter Moore, PE, LEED AP, F.ASCE, President and CEO				b. SMALL BUSINESS STATUS Small Business			
6b. TELEPHONE NUMBER (954) 730-0707, ext 1002		6c. E-MAIL ADDRESS pmoore@chenmoore.com		7. NAME OF FIRM (If block 2a is a branch office)			
8a. FORMER FIRM NAME(S) (if any) Chen and Associate Consulting Engineers, Inc.				8b. YEAR ESTABLISHED 1986		8c. DUNS NUMBER 859459547	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 Y EARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index No. (see below)
		(1) Firm	(2) Branch			
02	Administrative	10	7	C10	Commercial Building; (low rise); Shopping Centers	1
08	CADD Technician	36	14	C15	Construction Management	1
12	Civil Engineer	13	5	C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	2
15	Construction Inspector	5	3	E02	Education Facilities; Classrooms	2
16	Construction Manager	1	0	E09	Environmental Impact Studies, Assessments or Statements	1
39	Landscape Architect	4	0	G04	GIS development, analysis, data	2
				H07	Highways; Streets; Airfield; Parking	2
				L03	Landscape Architecture	1
				P05	Planning (Community, Regional)	2
				P06	Planning (Site, Installation)	2
				P13	Public Safety Facilities	2
				R04	Recreation Facilities (Parks, etc.)	2
				R06	Rehab. (Buildings, Structures)	3
				R11	Rivers Canals; Waterways; Flood Control	1
				S04	Sewage Collection & Treatment	4
				S11	Sustainable Design	1
				S13	Stormwater Handling & Facilities	4
				T02	Testing & Inspection Services	4
				T03	Traffic & Transportation	2
				V01	Value Analysis; Life-Cycle Costing	1
				W03	Water Supply, Treatment, Distrib.	4
Total		69	29			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
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 7/20/2018
c. NAME AND TITLE Peter Moore, PE, F.ASCE, ENV SP, LEED AP, President	

SF330

**ARCHITECTURAL/ENGINEERING QUALIFICATIONS
PART II. GENERAL QUALIFICATIONS**
**1. SOLICITATION NUMBER (If any)
PSEN-18-02**


2a. FIRM (OR BRANCH OFFICE) NAME TRC Worldwide Engineering, Inc.			3. YEAR ESTABLISHED 2006	4. DUNS NUMBER 12-805-5733
2b. STREET 1230 North University Drive			5. OWNERSHIP	
2c. CITY Plantation	2d. STATE FL	2e. ZIP CODE 33322	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Nitin Ranadive, P.E. Director of Operations, Senior Engineering Manager			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 954-484-7777		6c. E-MAIL ADDRESS nranadive@trcww.com		7. NAME OF FIRM (If block 2a is a branch office) TRC Worldwide Engineering, Inc.
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED 1967 2000	8c. DUNS NUMBER
Jenkins & Charland, Inc. Jenkins & Charland/TRC Worldwide Engineering, Inc.				

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 (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
57	Structural Engineers	24	4	E02	Educational Facilities; Classrooms	3
08	CADD Technician	12	2	O01	Office Buildings; Industrial Parks	2
15	Construction Inspector	6	3	H06	High Rise; Air-Rights-Type Bldgs.	2
02	Administrative	6	2	L04	Libraries; Museums; Galleries	1
	Restoration Project Managers	3	1	S09	Structural Design; Special Structures	2
				A11	Auditoriums & Theaters	1
				G01	Garages; Vehicles Maintenance	2
					Facilities; Parking Decks	
				H10	Hotels; Motels	3
				H11	Housing (Residential, Multi-Family, Apartments; Condominiums)	2
				B02	Bridges	2
				D07	Dining Halls; Clubs; Restaurants	1
				W01	Warehouses & Depots	1
				R06	Rehabilitation (Buildings; Structures; Facilities)	3
				R04	Recreation Facilities (Parks, Marinas)	1
				P13	Public Safety Facilities	3
				F02	Field Houses; Gyms; Stadiums	1
				C10	Commercial Building (low rise); Shopping Centers	2
	Other Employees					
Total		51	12	H09	Hospital & Medical Facilities	3

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 7/18/18
c. NAME AND TITLE Nitin Ranadive, P.E., Director of Operations, Senior Engineering Manager	

SF330

ARCHITECTURAL/ENGINEERING QUALIFICATIONS
PART II. GENERAL QUALIFICATIONS

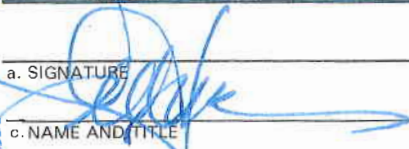
 1. SOLICITATION NUMBER (If any)
 PSEN-18-02

PART II - GENERAL QUALIFICATIONS
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Delta G Consulting Engineering, Inc.			3. YEAR ESTABLISHED 1992	4. DUNS NUMBER 842088205
2b. STREET 707 N.E. 3rd Avenue. Suite 200			5. OWNERSHIP	
2c. CITY Ft. Lauderdale			2d. STATE FL	2e. ZIP CODE 33304
6a. POINT OF CONTACT NAME AND TITLE George SanJuan, President			a. TYPE Corporation	
6b. TELEPHONE NUMBER (954) 527-1112			b. SMALL BUSINESS STATUS CBE exp 02/15/18	
6c. E-MAIL ADDRESS GSanJuan@Deltag.net			7. NAME OF FIRM (If block 2a is a branch office)	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

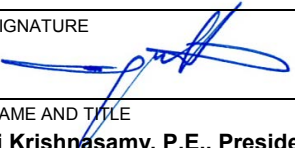
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	2		6	Airports: Terminals & Hangers; Freight Handling	3
08	Draftsman	3				
21	Electrical Engineers	8		10	Commercial Building	3
42	Mechanical Engineers	7		1	Garages; Vehicle Maint. Facilities; Parking Decks	1
	Mechanical Plumbing	3		7	Highways; Street;; Airfield Paving; Parking Lots	1
25	Fire Sprinkler/Plumbing	1				
				9	Hospital & Med. Facilities	4
				11	Housing (Residential Multi Family; Apartments; Condos	3
				1	Judicial & Courtroom Facilities	2
				4	Libraries; Museums; Galleries	3
	Other Employees					
	Total	24		3	Water Supply; Treatment	1

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	5	2. \$100,00 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 7-23-2018
c. NAME AND TITLE George SanJuan, President	

SF330

**ARCHITECTURAL/ENGINEERING QUALIFICATIONS
PART II. GENERAL QUALIFICATIONS**
**1. SOLICITATION NUMBER (If any)
PSEN-18-02**
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME TIERRA SOUTH FLORIDA, INC.				3. YEAR ESTABLISHED 2003		4. DUNS NUMBER 829296222	
2b. STREET 2765 Vista Parkway, Suite 10				5. OWNERSHIP			
2c. CITY West Palm Beach		2d. STATE FL					
6a. POINT OF CONTACT NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer				a. TYPE Corporation			
6b. TELEPHONE NUMBER (561) 687-8536							
6c. E-MAIL ADDRESS Raj@TierraSF.com				7. NAME OF FIRM (If block 2a is a branch office) N/A			
8a. FORMER FIRM NAME(S) (If any) N/A							
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)	
		(1) FIRM	(2) BRANCH				
2	Administrative	6	6	S05	Soils and Geologic Studies; Foundations	6	
8	CADD Technician	2	2	T02	Testing and Inspection Services	6	
27	Foundation/Geotechnical Eng.	5	5				
58	Technician/Analyst	30	30				
58	Technician/Inspector	6	6				
Total		49	49				
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER 1. Less than \$100,000. 6. \$2 million to less than \$5 million 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 4. \$500,000 to less than \$1 million 9. \$25 million to less than \$50 million 5. \$1 million to less than \$2 million 10. \$50 million or greater					
a. Federal Work	6						
b. Non-Federal Work	6						
c. Total Work	6						
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.							
a. SIGNATURE 						b. DATE February 23, 2018	
c. NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer							

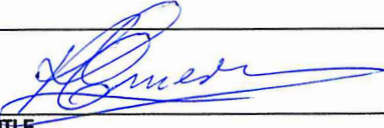
1. SOLICITATION NUMBER (If any)
PSEN-18-02

SF330		ARCHITECTURAL/ENGINEERING QUALIFICATIONS PART II. GENERAL QUALIFICATIONS				1. SOLICITATION NUMBER (If any) PSEN-18-02	
2a. FIRM (OR BRANCH OFFICE) NAME Cyriacks Environmental Consulting Services (CECOS), Inc.					3. YEAR ESTABLISHED 2003		4. DUNS NUMBER 140307369
2b. STREET 3001 SW 15th Street, Suite B					5. OWNERSHIP		
2c. CITY Deerfield Beach			2d. STATE FL	2e. ZIP CODE 33442	a. TYPE S Corporation		
6a. POINT OF CONTACT NAME AND TITLE Wendy Cyriacks, President					b. SMALL BUSINESS STATUS State of Florida WBE / DBE / SBE		
6b. TELEPHONE NUMBER (954) 571-0290			6c. E-MAIL ADDRESS wc@cecosenvironmental.com		7. NAME OF FIRM (If block 2a is a 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				
02	Administrative	2		E01	Ecological Studies	3	
07	Biologist	4		E09	Environmental Impact Studies, Assessments	3	
24	Environmental Scientist	1		E10	Environmental & Resource Mapping	1	
29	GIS Specialist	1		E11	Environmental Planning	3	
23	Environmental Engineer	1					
	Other Employees						
Total		9					
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER					
a. Federal Work		1	1. Less than \$100,000		6. \$2 million to less than \$5 million		
b. Non-Federal Work		4	2. \$100,00 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 					a. DATE 7/16/18		
b. NAME AND TITLE Wendy Cyriacks, President							

SF330		ARCHITECTURAL/ENGINEERING QUALIFICATIONS		1. SOLICITATION NUMBER (If any) PSEN-18-02	
PART II. GENERAL QUALIFICATIONS					
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		
6a. POINT OF CONTACT NAME AND TITLE Keith Emery, President/Principal-in-Charge				b. SMALL BUSINESS STATUS MBE/CBE/SBE/DBE	
6b. TELEPHONE NUMBER (954) 481-1611		6c. E-MAIL ADDRESS kemery@cms-construction-services.com			
7. NAME OF FIRM (If block 2a is a branch office)					
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	2
18	Cost Engineer/Estimator	5	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
53	Scheduler	1	N/A	C15	Construction Management	3
61	Value Engineer	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
				R09	Recreational Facilities (Parks, Marinas, etc.)	2
				R12	Roofing	1
				W03	Water Supply; Treatment and Distribution	2
	Other Employees					
Total		12				

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 July 20, 2018
c. NAME AND TITLE Keith Emery, President	

TAB 3 - CERTIFIED MINORITY BUSINESS ENTERPRISE

Cartaya and Associates Architects, and several of our subconsultants are Certified Minority Owned Businesses as defined by the Florida Small and Minority Business Assistance Act. Please see our certificates below.



TAB 3 - CERTIFIED MINORITY BUSINESS ENTERPRISE

TAB 3 - CERTIFIED MINORITY BUSINESS ENTERPRISE*State of Florida***Minority Business Certification****Tierra South Florida, Inc.**

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

11/01/2017 to 11/01/2019



Erin Rock, Secretary
Florida Department of Management Services

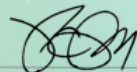


Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.dms.myflorida.com/osd

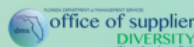
*State of Florida***Minority Business Certification****Delta G Consulting Engineers**

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

03/15/2017 to 03/15/2019



Chad Poppell, Secretary
Florida Department of Management Services



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

(OFFICE USE ONLY) Vendor number:

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

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

Vendor Information Form

Operating Name (Payee)	Cartaya and Associates Architects, P.A.		
Legal Name (as filed with IRS)	Cartaya and Associates Architects, P.A.		
Remit-to Address (For Payments)	2400 E. Commercial Boulevard, Suite 201		
	Fort Lauderdale, FL 33308		
Remit-to Contact Name:	Mario M. Cartaya	Title:	President
Email Address:	mjcartaya@cartayaandassociates.com		
Phone #:	954-771-2724 Ext. 1	Fax #	n/a
Order-from Address (For purchase orders)	2400 E. Commercial Boulevard, Suite 201		
	Fort Lauderdale, FL 33308		
Order-from Contact Name:	Mario M. Cartaya	Title:	President
Email Address:	mjcartaya@cartayaandassociates.com		
Phone #:	954-771-2724 Ext. 1	Fax #	n/a
Return-to Address (For product returns)	2400 E. Commercial Boulevard, Suite 201		
	Fort Lauderdale, FL 33308		
Return-to Contact Name	Mario M. Cartaya	Title:	President
Email Address:	mjcartaya@cartayaandassociates.com		
Phone #:	954-771-2724 Ext. 1	Fax #	n/a
Payment Terms:			

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

☒ Corporation

Federal ID Number: 59-2329682

☐ Sole Proprietorship/Individual

Social Security No.:

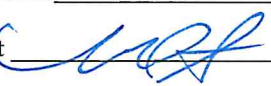
☐ Partnership

☐ Health Care Service Provider

☐ LLC – C (C corporation) – S (S corporation) – P (partnership)

☐ Other (Specify):

Name & Title of Applicant Mario M. Cartaya, President - Cartaya and Associates Architects, P.A.

Signature of Applicant 

Date 7/20/18

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

Request for Taxpayer Identification Number and Certification

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

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Cartaya and Associates Architects, P.A.	
2 Business name/disregarded entity name, if different from above n/a	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) n/a Exemption from FATCA reporting code (if any) n/a <small>(Applies to accounts maintained outside the U.S.)</small>
5 Address (number, street, and apt. or suite no.) See instructions. 2400 E. Commercial Boulevard, Suite 201	Requester's name and address (optional)
6 City, state, and ZIP code Fort Lauderdale, FL 33308	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

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

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

Social security number									
		-			-				
or									
Employer identification number									
5	9	-	2	3	2	9	6	8	2

Part II Certification

Under penalties of perjury, I certify that:

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

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

**Sign
Here**

Signature of
U.S. person ▶

Date ▶ **7/20/18**

General Instructions

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

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

Purpose of Form

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

- Form 1099-INT (interest earned or paid)

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

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

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



VENDOR DRUG-FREE WORKPLACE CERTIFICATION FORM

SECTION 1 GENERAL TERM

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

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

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after each conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

SECTION 2 AFFIRMATION

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

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

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


Authorized Signature

Mario M. Cartaya
Authorized Signer Name

Cartaya and Associates Architects, P.A.
Company Name



City of Pembroke Pines

Attachment I

PROPOSER'S QUALIFICATIONS STATEMENT

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

PROPOSER'S Name and Principal Address:

Cartaya and Associates Architects, P.A.

2400 E. Commercial Boulevard, Suite 201

Fort Lauderdale, FL 33308

Contact Person's Name and Title: Juan Justiniano, Vice President

Contact Person's E-mail Address: jjustiniano@cartayaandassociates.com

PROPOSER'S Telephone and Fax Number: 954-771-2724 Ext. 4

PROPOSER'S License Number: AR94371

(Please attach certificate of status, competency, and/or state registration.)

PROPOSER'S Federal Identification Number: 59-2329682

Number of years your organization has been in business 39

State the number of years your firm has been in business under your present business name 35

State the number of years your firm has been in business in the work specific to this solicitation:
39

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

Mario Cartaya - CEO

Mario M. Cartaya - President, Treasurer

Juan Justiniano - Vice President, Secretary

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

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



City of Pembroke Pines

Attachment I

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

(1) Mario Cartaya, Architect P.A. (1979-1981) Provided architectural services

(2) Cartaya/Winter Associates Architects P.A. (1981-1983) Provided architectural services

At what address was that business located?

(1) 808 Las Olas Boulevard #104, Fort Lauderdale, FL 33301

(2) 3077 E. Commercial Boulevard, Suite 201, Fort Lauderdale, FL 33308

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

n/a

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

no

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

n/a



City of Pembroke Pines

Attachment I

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

Will use subconsultants for engineering, landscape architecture, surveying and cost

estimating as needed. Please see attached list for complete details.

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

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

n/a

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

n/a

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

Please see attached.



City of Pembroke Pines

Attachment I

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

n/a

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

No.

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

No.

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

No.

*City of Pembroke Pines***Attachment I**

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

Cartaya and Associates have provided architectural services for many similar contracts in the past three (3)

years including services for the City of Pompano Beach CRA, Pompano Beach Parks, the City of Dania Beach,

the City of Coconut Creek, Broward College, Broward County, the City of Miramar, the Seminole Tribe

of Florida and the United Way to name a few.

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

Cartaya and Associates Architects, P.A.

(Company Name)

Mario M. Cartaya

(Printed Name/Signature)

TAB 4 - OTHER COMPLETED DOCUMENTS

In 39 years of doing business within Broward County, Florida Cartaya & 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 & 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.

CASE NAME: Gen-X Construction, Inc. v Broward County

CASE Number: CACE 11-001351 (02), 17th Judicial Circuit, Broward County, Florida

LEGAL COUNSEL

Andrew Marchese

Marshall Dennehey Warner Coleman & Goggin.

1 East Broward Blvd., Suite 500


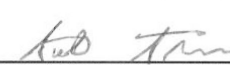
Ft. Lauderdale, FL 33301

Main: (954) 847-4920

Direct: (954) 847-4934

TAB 4 - OTHER COMPLETED DOCUMENTS

Please find our current insurance Certificates below. Upon being awarded the contract we will make any adjustments the City requires.



		CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 04/26/2018			
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 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 FAX (A/C, No): 561-495-7750 E-MAIL: SSTEIN@RISKMPINC.COM ADDRESS:				
INSURED CARTAYA & ASSOCIATES, ARCHITECTS, P.A. 2400 EAST COMMERCIAL BOULEVARD #415 FT. LAUDERDALE, FL 33308			INSURER(S) AFFORDING COVERAGE INSURER A: HISCOX PRO INSURANCE COMPANY INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:		NAIC # 10200		
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 VWD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	ARCHITECTURAL ERRORS AND OMISSIONS			ANE 1687661.18	4/1/18	4/1/19	\$5,000,000/\$5,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)							
CERTIFICATE HOLDER				CANCELLATION			
CARTAYA & ASSOCIATES, ARCHITECTS, P.A.				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 SCOTT STEIN FL A253383 			
© 1988-2010 ACORD CORPORATION. All rights reserved.							
ACORD 25 (2010/05)		The ACORD name and logo are registered marks of ACORD					

TAB 4 - OTHER COMPLETED DOCUMENTS

Please find our current insurance Certificates below. Upon being awarded the contract we will make any adjustments the City requires.

Client#: 1447454		132CARTAU01		DATE (MM/DD/YYYY)															
ACORDTM		CERTIFICATE OF LIABILITY INSURANCE																	
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 BB&T-Oswald Trippe and Company 2400 N Commerce Pkwy, Ste 204 Weston, FL 33326 954 389-1289		CONTACT NAME: Felice Vinarub PHONE (A/C, No, Ext): 954 389-1289 FAX (A/C, No): 866-802-8684 E-MAIL ADDRESS: <table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Phoenix Insurance Company</td> <td>25623</td> </tr> <tr> <td>INSURER B : Travelers Indemnity Company</td> <td>25658</td> </tr> <tr> <td>INSURER C : Zenith Insurance Company</td> <td>13269</td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>				INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Phoenix Insurance Company	25623	INSURER B : Travelers Indemnity Company	25658	INSURER C : Zenith Insurance Company	13269	INSURER D :		INSURER E :		INSURER F :	
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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:															
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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/A	Z067674013	10/03/2017	10/03/2018	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000												
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)																			
CERTIFICATE HOLDER				CANCELLATION															
Cartaya & Asso Architects P. A. 2400 E. Commercial Blvd., Ste#201 Ste#205 Fort Lauderdale, FL 33308				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 Fields</i>															
ACORD 25 (2010/05) 1 of 1 The ACORD name and logo are registered marks of ACORD © 1988-2010 ACORD CORPORATION. All rights reserved.																			

TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF ARCHITECTURE & INTERIOR DESIGN	
LICENSE NUMBER	
AAC001388	
<p>The ARCHITECT CORPORATION Named below IS CERTIFIED Under the provisions of Chapter 481 FS. Expiration date: FEB 28, 2019</p>	
<p>CARTAYA & ASSOCIATES, ARCH P A 2400 E COMMERCIAL BLVD STE 201 FORT LAUDERDALE FL 33308</p>	
 	

State of Florida Department of State

I certify from the records of this office that CARTAYA AND ASSOCIATES, ARCHITECTS, P.A. is a corporation organized under the laws of the State of Florida, filed on September 26, 1983.

The document number of this corporation is G63130.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 3, 2018, and that its status is active.

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

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



Ken Detmer
Secretary of State

Tracking Number: CC7766072442

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

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

TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES


RICK SCOTT, GOVERNOR	MATILDE MILLER, INTERIM SECRETARY
----------------------	-----------------------------------


STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER	
AR0007787	

The ARCHITECT
 Named below IS LICENSED
 Under the provisions of Chapter 481 FS.
 Expiration date: FEB 28, 2019

CARTAYA, MARIO
 2400 E COMMERCIAL BLVD #201
 FT LAUDERDALE FL 33308





ISSUED: 01/15/2017	DISPLAY AS REQUIRED BY LAW	SEQ # L1701150000901
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RICK SCOTT, GOVERNOR	MATILDE MILLER, INTERIM SECRETARY
----------------------	-----------------------------------


STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER	
AR94371	

The ARCHITECT
 Named below IS LICENSED
 Under the provisions of Chapter 481 FS.
 Expiration date: FEB 28, 2019

JUSTINIANO, JUAN C
 2400 E. COMMERCIAL BLV. SUITE 201
 FT LAUDERDALE FL 33308





ISSUED: 01/15/2017	DISPLAY AS REQUIRED BY LAW	SEQ # L1701150000947
--------------------	----------------------------	----------------------



GREEN BUILDING CERTIFICATION INSTITUTE CERTIFIES THAT

Juan Justiniano

HAS ATTAINED THE DESIGNATION OF

LEED ACCREDITED PROFESSIONAL

with a Building Design + Construction Specialty

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED® Green Building Rating System™.

10476514-AP-BD+C

CREDENTIAL ID

10 SEP 2010

ISSUED


09 SEP 2018



VALID THROUGH



GAIL VITTORI, GBCI CHAIRPERSON


MAHESH RAMANUJAM, GBCI PRESIDENT

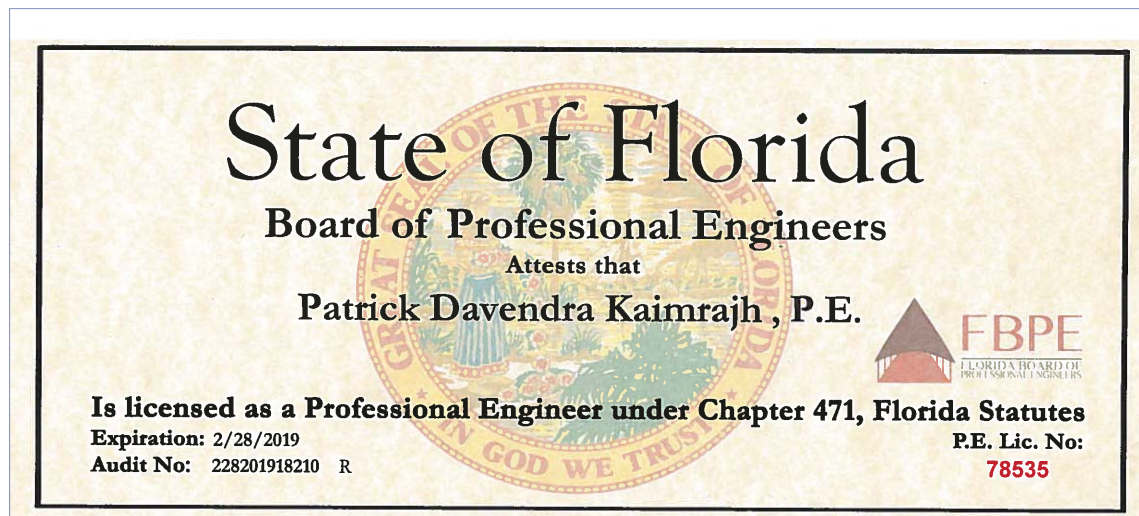
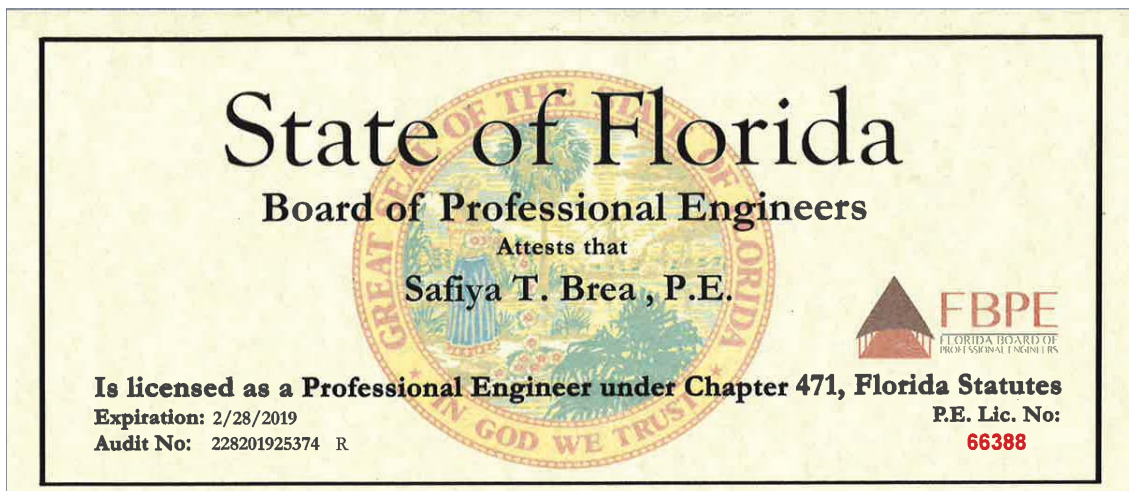
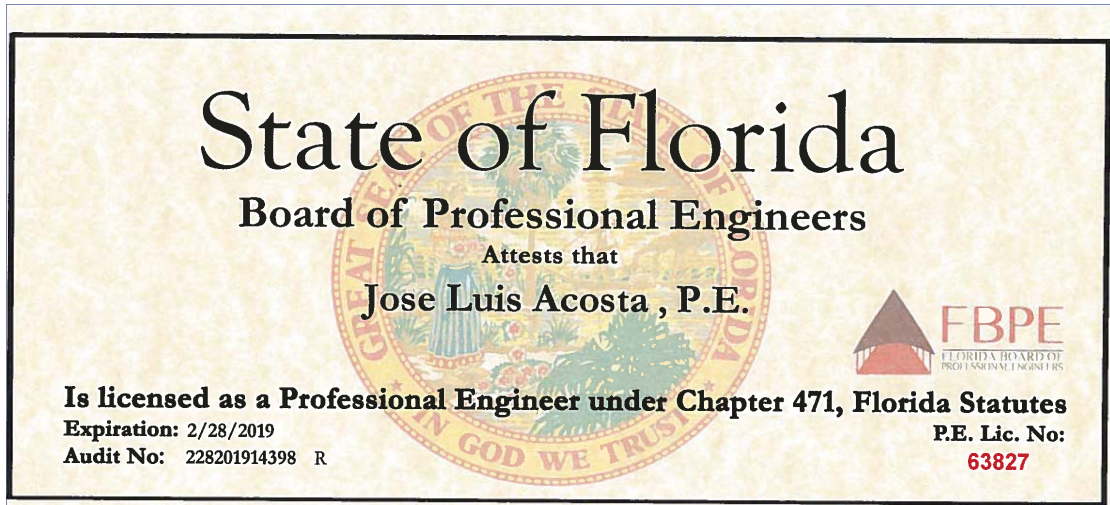
TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

<h2>State of Florida</h2> <h3>Board of Professional Engineers</h3> <p>Attests that</p> <p>Chen Moore and Associates, Inc.</p>		 <p>FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS</p>
<p>Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.</p> <p>Expiration: 2/28/2019 Audit No: 228201904427 R</p>		
		<p>CA Lic. No: 4593</p>

<p>STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF LANDSCAPE ARCHITECTURE</p>		
<p>LICENSE NUMBER</p> <p>LC26000425</p>		
<p>The LANDSCAPE ARCHITECT BUSINESS Named below HAS REGISTERED Under the provisions of Chapter 481 FS. Expiration date: NOV 30, 2019</p>		
<p>CHEN MOORE AND ASSOCIATES, INC 500 W CYPRESS CREEK RD STE 630 FORT LAUDERDALE FL 33309</p>		
ISSUED: 10/11/2017	DISPLAY AS REQUIRED BY LAW	SEQ # L1710110002501


<h2>State of Florida</h2> <h3>Board of Professional Engineers</h3> <p>Attests that</p> <p>Peter Michael Moore , P.E.</p>		 <p>FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS</p>
<p>Is licensed as a Professional Engineer under Chapter 471, Florida Statutes</p> <p>Expiration: 2/28/2019 Audit No: 228201929457 R</p>		
		<p>P.E. Lic. No: 58709</p>

TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES




TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

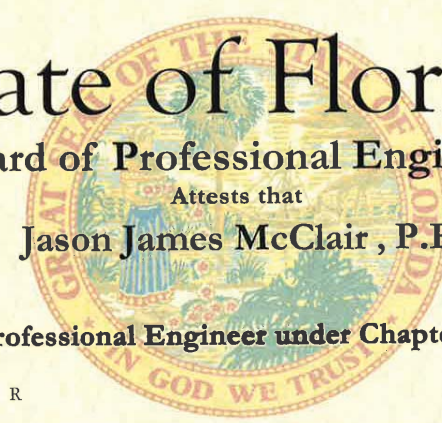
State of Florida
Board of Professional Engineers
 Attests that
Jennifer Lea Smith , P.E.




Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201910176 R


P.E. Lic. No:
72232

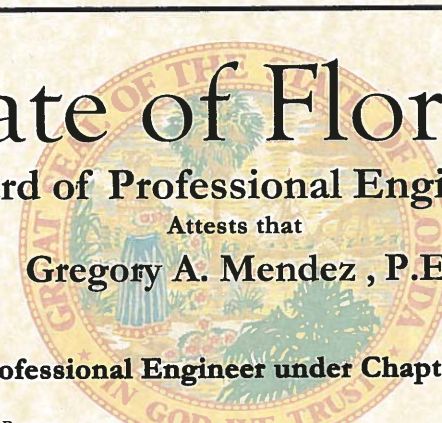
State of Florida
Board of Professional Engineers
 Attests that
Jason James McClair , P.E.




Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201924131 R


P.E. Lic. No:
56962

State of Florida
Board of Professional Engineers
 Attests that
Gregory A. Mendez , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201920499 R




P.E. Lic. No:
64718

TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

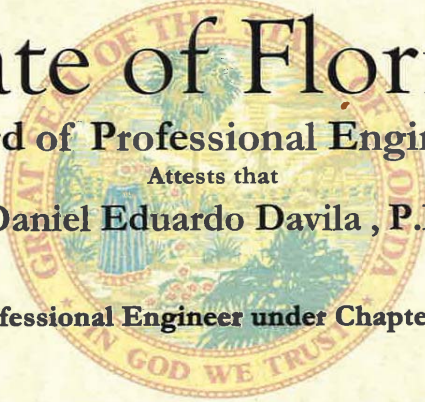

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF LANDSCAPE ARCHITECTURE	
LICENSE NUMBER	
LA6667129	
The LANDSCAPE ARCHITECT Named below HAS REGISTERED Under the provisions of Chapter 481 FS. Expiration date: NOV 30, 2019	
HARRISON, ERIC DOUGLAS 2865 SE PERU STREET PORT ST LUCIE FL 34984	
ISSUED: 12/14/2017	DISPLAY AS REQUIRED BY LAW SEQ # L1712140000866

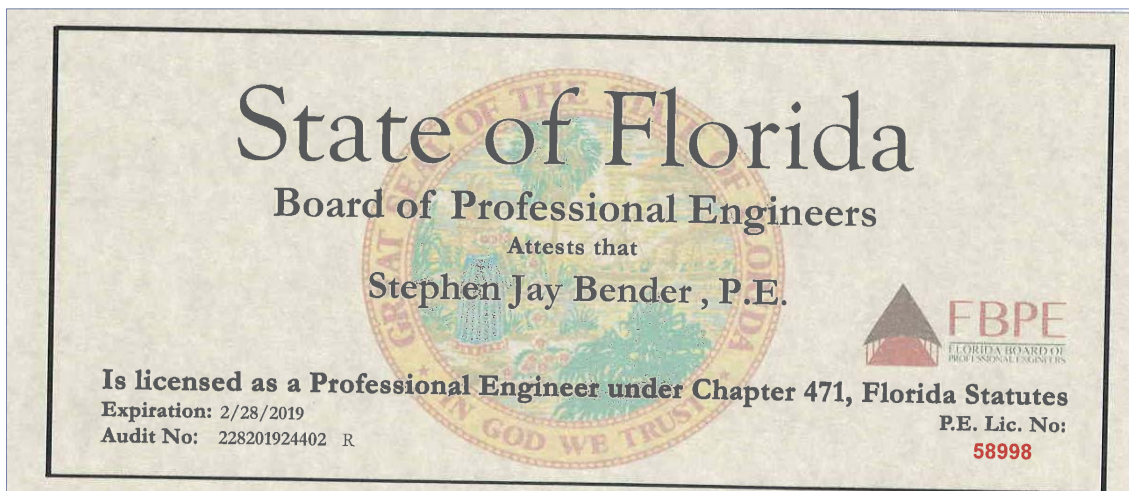
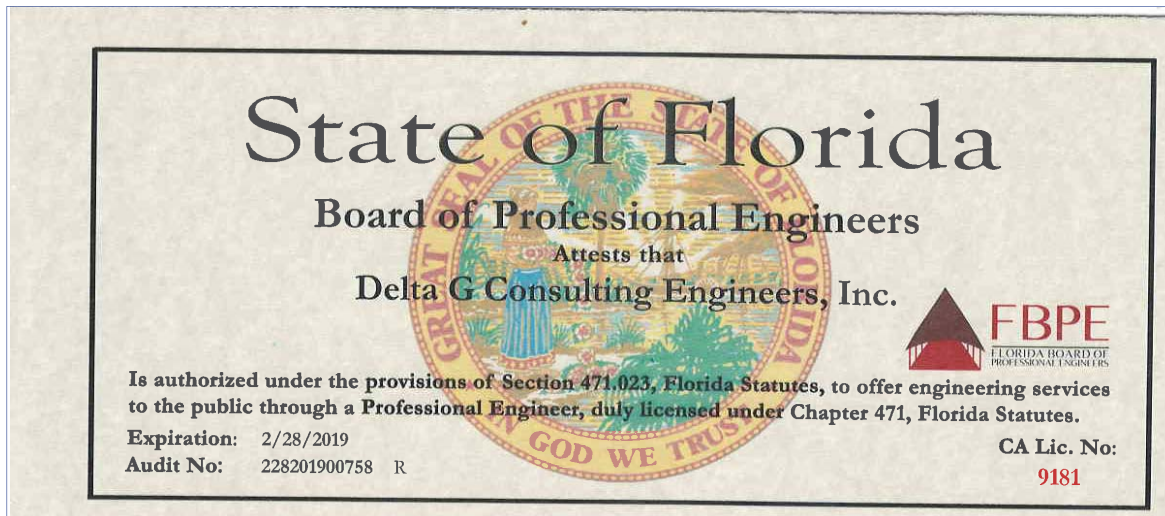



State of Florida Board of Professional Engineers	
Attests that	
Daniel Eduardo Davila, P.E.	
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes	
Expiration: 2/28/2019	P.E. Lic. No:
Audit No: 228201924921 R	63014

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF LANDSCAPE ARCHITECTURE	
LICENSE NUMBER	
LA6666941	
The LANDSCAPE ARCHITECT Named below HAS REGISTERED Under the provisions of Chapter 481 FS. Expiration date: NOV 30, 2019	
BETANCOURT, CRISTOBAL ALEX 726 TALLAPOOSA STREET WEST PALM BEACH FL 33405	
ISSUED: 11/28/2017	DISPLAY AS REQUIRED BY LAW SEQ # L1711280001543

TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

State of Florida
Board of Professional Engineers
 Attests that
TRC Worldwide Engineering, Inc.



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

Expiration: 2/28/2019
Audit No: 228201902271 R


CA Lic. No:
 27322

State of Florida
Department of State

I certify from the records of this office that TRC WORLDWIDE ENGINEERING, INC. is a Tennessee corporation authorized to transact business in the State of Florida, qualified on November 27, 2006.

The document number of this corporation is F06000007320.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 18, 2017, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
 Great Seal of the State of Florida
 at Tallahassee, the Capital, this
 the Eighteenth day of January,
 2017*



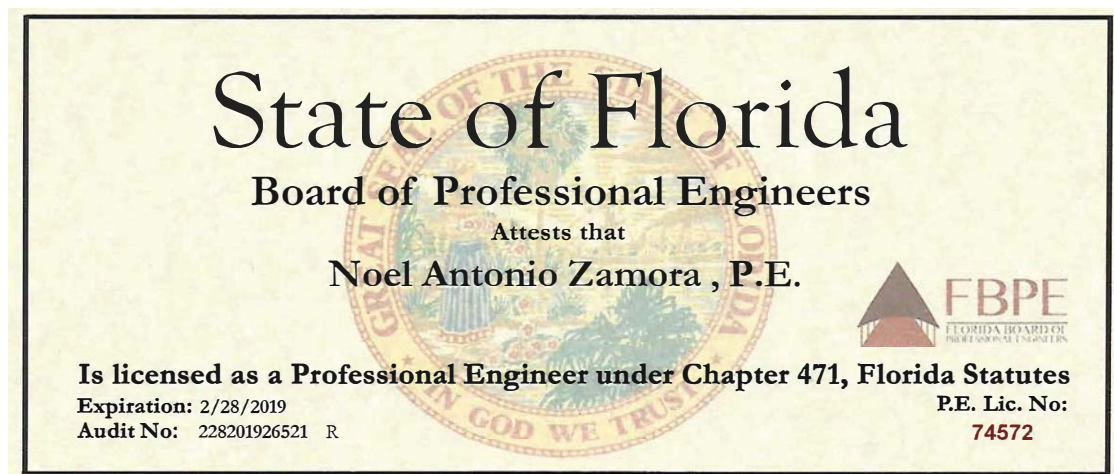
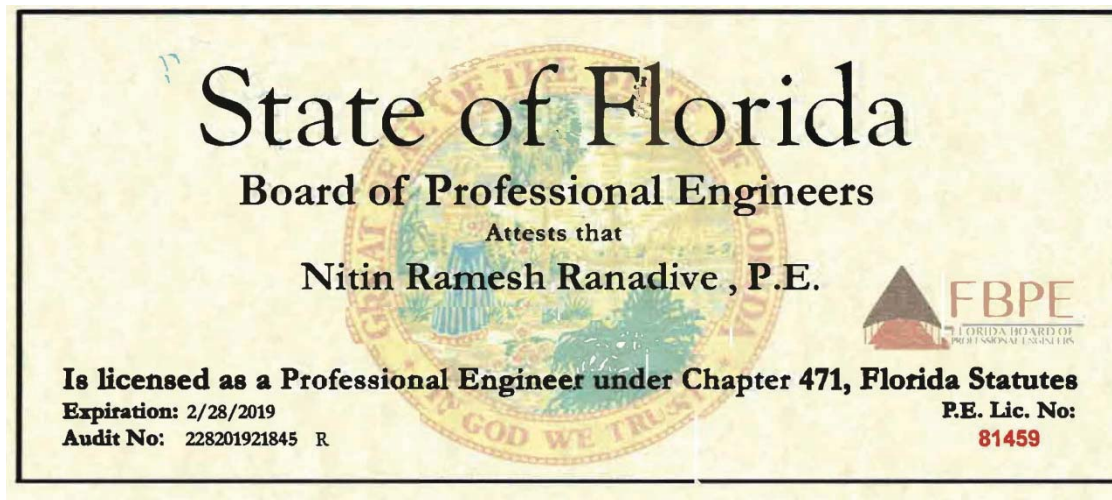
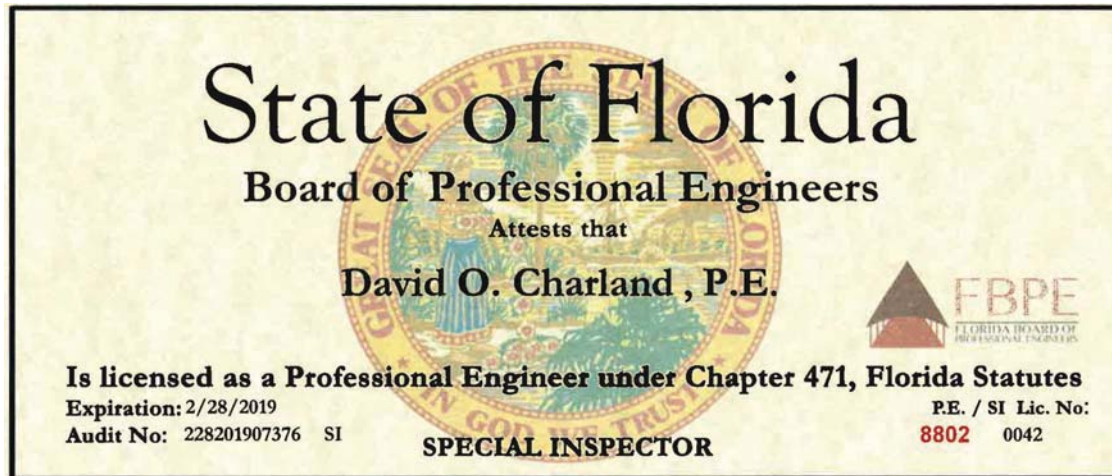
Ken Detmer
Secretary of State

Tracking Number: CC5873255893

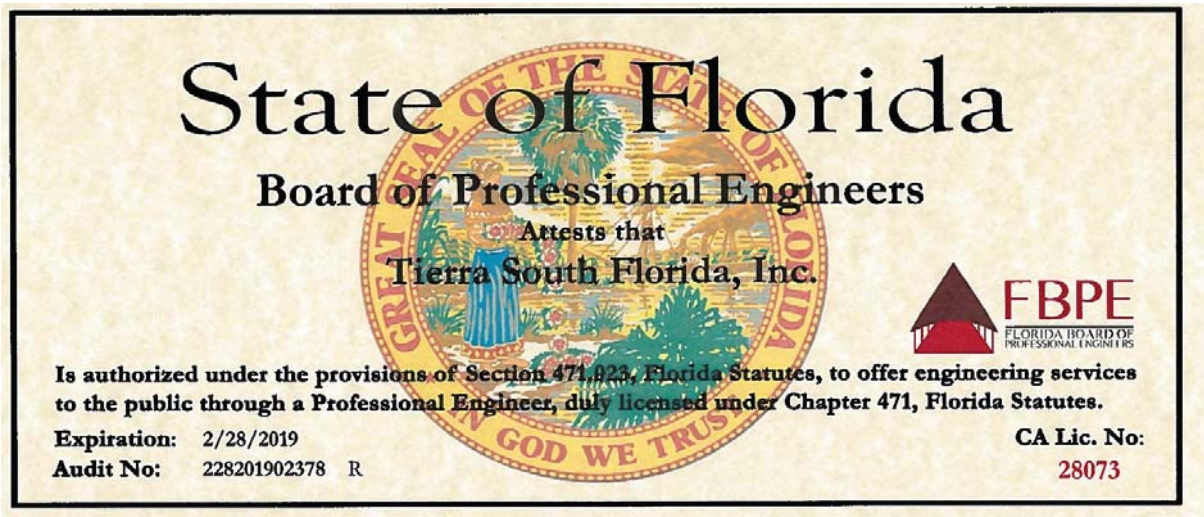
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

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

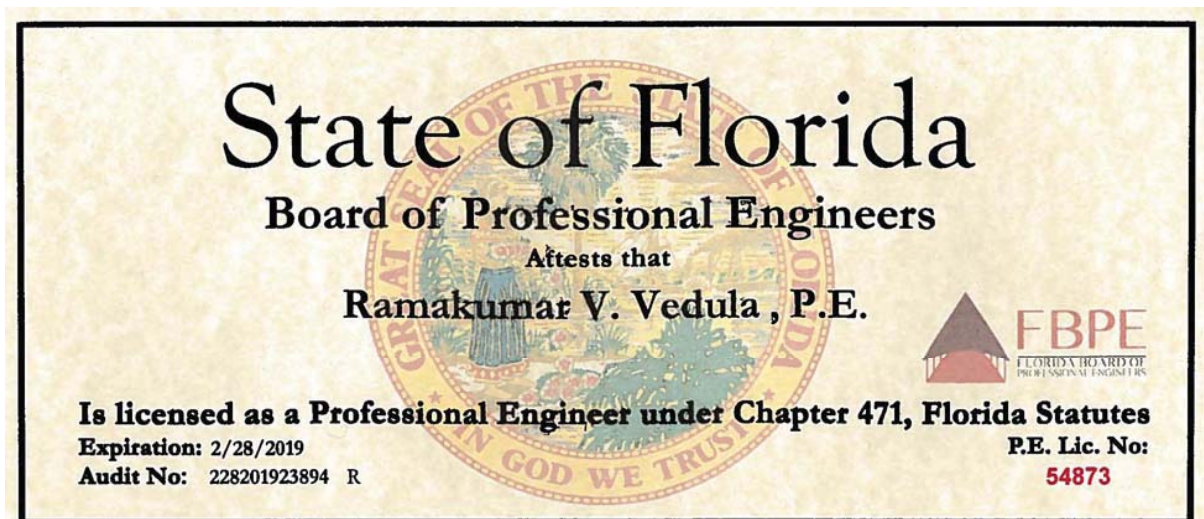
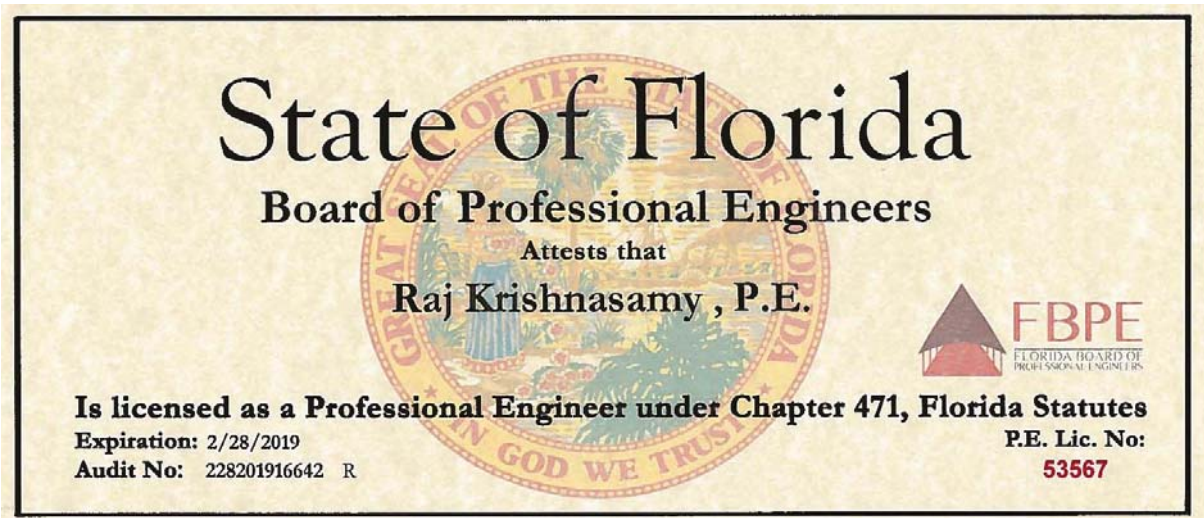
TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES




TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES



Tierra South Florida, Inc., CA 28073; Expires 2/28/2019



TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES




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

License No.: **LB3300**
Expiration Date February 28, 2019


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

AVIROM & ASSOCIATES INC
50 SW 2ND AVE #102
BOCA RATON, FL 33432-4799



ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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

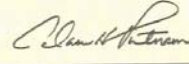


Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS3268**
Expiration Date February 28, 2019


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

MICHAEL DAVID AVIROM
50 SW 2ND AVENUE
BOCA RATON, FL 33432



ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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




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

License No.: **LS6555**
Expiration Date February 28, 2019

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

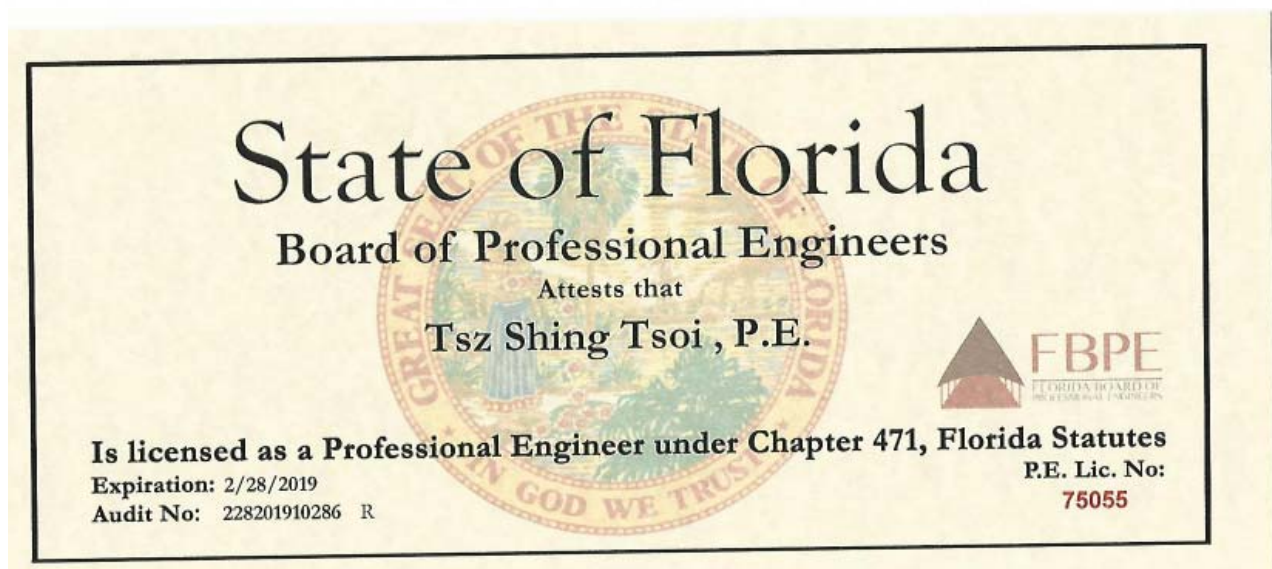
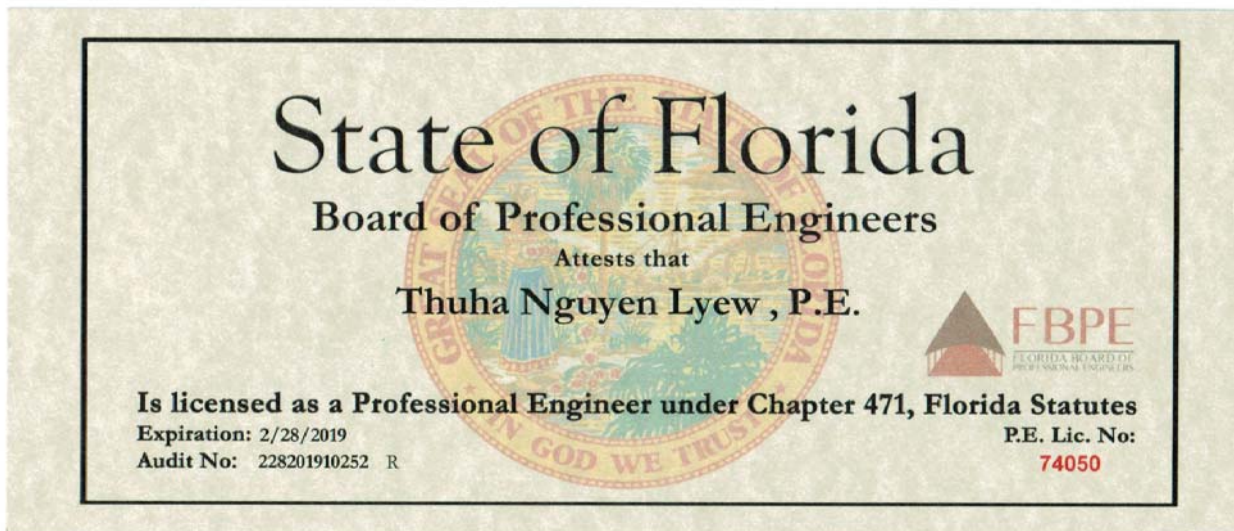
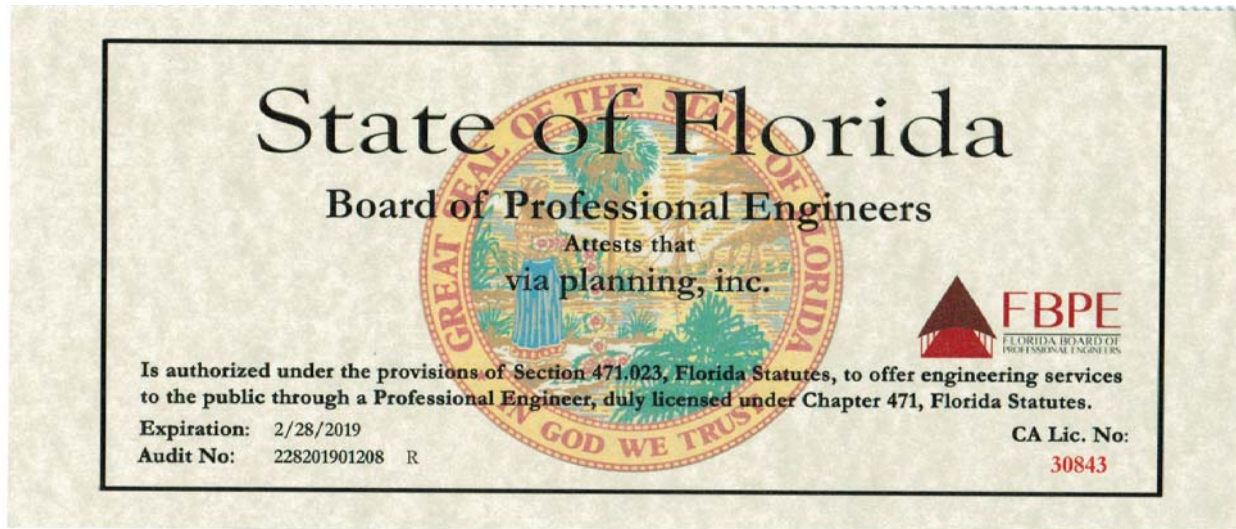
MARISHA M KREITMAN
17563 WEEPING WILLOW TRAIL
BOCA RATON, FL 33487



ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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

TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES



TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

State of Florida

Board of Professional Engineers

Attests that
GFA International Inc.

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

Expiration: 2/28/2019
Audit No: 228201905811 NC



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS



CA Lic. No:
4930

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

LICENSE NUMBER
GB118

The GEOLOGY BUSINESS
Named below IS CERTIFIED
Under the provisions of Chapter 492 FS.
Expiration date: JUL 31, 2018

GFA INTERNATIONAL
1215 WALLACE DRIVE
DELRAY BEACH FL 33444



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

THE ASBESTOS BUSINESS ORGANIZATION HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GFA INTERNATIONAL INC
FREDERICK GEORGE KAUB
1215 WALLACE DRIVE
DELRAY BEACH FL 33444

LICENSE NUMBER: ZA404

EXPIRATION DATE: NOVEMBER 30, 2019

Always verify licenses online at MyFloridaLicense.com




Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.


TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF PROFESSIONAL GEOLOGISTS	
LICENSE NUMBER	
PG1344	
The PROFESSIONAL GEOLOGIST Named below IS LICENSED Under the provisions of Chapter 492 FS. Expiration date: JUL 31, 2018	
KAUB, FREDERICK GEORGE 851 NE 71ST STREET BOCA RATON FL 33487	




STATE OF FLORIDA
WATER WELL CONTRACTOR LICENSE
 Issued to
Fredrick G. Kaub


License No. 11236 Expires 7/31/2019



DISTRICT CERTIFICATION OFFICER

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF PROFESSIONAL GEOLOGISTS	
LICENSE NUMBER	
PG1344	
The PROFESSIONAL GEOLOGIST Named below IS LICENSED Under the provisions of Chapter 492 FS. Expiration date: JUL 31, 2018	
KAUB, FREDERICK GEORGE 851 NE 71ST STREET BOCA RATON FL 33487	






State of Florida

Board of Professional Engineers

Attests that

Carlos A. Mercado , P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
 Expiration: 2/28/2019
 Audit No: 228201921064 R




P.E. Lic. No:
71707



TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES

State of Florida
Board of Professional Engineers
Attests that

Paul Howard Danforth, P.E.




Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201901272 SI

P.E. / SI Lic. No:
44653 1103

SPECIAL INSPECTOR


State of Florida
Board of Professional Engineers
Attests that

Estela Geanninna Leon Aguilar, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201934581 I

P.E. Lic. No:
83307



This is to certify that this laboratory has been accredited for technical competence and found to meet the requirements for performing the test methods listed below for the inspection and testing of construction materials.

GFA International
1215 Wallace Drive
Delray Beach, FL 33444
United States

Reinspection Due Date: 5/1/2019
Accreditation ID: 1005088

AASHTO R18

Aggregate
ASTM Methods: ASTM C117, ASTM C127, ASTM C128, ASTM C131, ASTM C136, ASTM C29, ASTM C535, ASTM C702, ASTM C88, ASTM D75, ASTM Specification C1077 - Aggregate, ASTM Specification E329 - Aggregate
AASHTO Methods: AASHTO R76, AASHTO T104, AASHTO T11, AASHTO T19, AASHTO T2, AASHTO T27, AASHTO T84, AASHTO T85, AASHTO T96

Concrete
ASTM Methods: ASTM C1064, ASTM C1231, ASTM C138, ASTM C143, ASTM C172, ASTM C173, ASTM C31, ASTM C39, ASTM C511, ASTM C617, ASTM C78, ASTM Specification C1077 - Concrete, ASTM Specification E329 - Concrete
AASHTO Methods: AASHTO M201, AASHTO R60, AASHTO T119, AASHTO T121, AASHTO T196, AASHTO T22, AASHTO T23, AASHTO T231, AASHTO T309, AASHTO T97

Soil
ASTM Methods: ASTM D1140, ASTM D2216, ASTM D2487, ASTM D421, ASTM D4318 (1), ASTM D4318 (2), ASTM D4944, ASTM D6938, ASTM D698, ASTM D7928, ASTM Specification D3740 - Soil, ASTM Specification E329 - Soil
AASHTO Methods: AASHTO R58, AASHTO T217, AASHTO T265, AASHTO T267, AASHTO T310, AASHTO T88, AASHTO T89, AASHTO T90, AASHTO T99
State Methods: FM 1 T099, FM 1 T180, FM 5 514, FM 5 515, FM 5 550, FM 5 551

Accreditation Date: 5/16/2018

Expiration Date: 7/30/2019

David A. Savage
David A. Savage
Director of Accreditation

The current scope of accreditation can be obtained by viewing the CMEC Directory of Accredited Laboratories (www.cmec.org)

Christopher J. Robinson
Christopher J. Robinson, P.E.
Executive Director

GFA International, Inc.

www.teamgfa.com

Supplier: **Cartaya and Associates Architects PA**



City of Pembroke Pines

Attachment C

NON-COLLUSIVE AFFIDAVIT

BIDDER is the **Owner/President**,

(Owner, Partner, Officer, Representative or Agent)

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

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

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

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

Printed Name/Signature **Mario M. Cartaya**

Title **President**

Name of Company **Cartaya and Associates Architects, P.A.**

Supplier: **Cartaya and Associates Architects PA**



City of Pembroke Pines

Attachment D

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

1. This sworn statement is submitted **Cartaya and Associates Architects, P.A.** (name of entity submitting sworn statement) whose business address is **2400 E. Commercial Boulevard, Suite 201, Fort Lauderdale, FL 33308** and (if applicable) its Federal Employer Identification Number (FEIN) is **59-2329682**. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: .)
2. My name is **Mario M. Cartaya** and my
(Please print name of individual signing)

relationship to the entity named above is **Owner/President**.
3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**

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

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

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

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

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

Mario M. Cartaya

Cartaya and Associates 07/16/2018
Architects, P.A.

Bidder's Name/Signature

Company

Date

Supplier: **Cartaya and Associates Architects PA**

CONTACT INFORMATION FORM

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

A) Contact Information

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

COMPANY INFORMATION:

COMPANY: **Cartaya and Associates Architects, P.A.**

STREET ADDRESS: **2400 E. Commercial Boulevard, Suite 201, Fort Lauderdale, FL 33308**

CITY, STATE & ZIP CODE: **Fort Lauderdale, FL 33308**

PRIMARY CONTACT FOR THE PROJECT:

NAME: **Juan Justiniano** TITLE: **Vice President**

E-MAIL: **jjustiniano@cartayaandassociates.com**

- TELEPHONE: **954-771-2724 Ext. 2** FAX: **n/a**

CORPORATE OFFICER AUTHORIZED APPROVER:

NAME: **Mario M. Cartaya** TITLE: **President**

E-MAIL: **mjcartaya@cartayaandassociates.com**

- TELEPHONE: **954-771-2724** FAX: **n/a**

SIGNATURE: **Mario M. Cartaya**

Supplier: Cartaya and Associates Architects PA**PROFESSIONAL SERVICES FORM**

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

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

Supplier: **Cartaya and Associates Architects PA**



City of Pembroke Pines

Attachment G

EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES

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

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

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

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

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

SECTION 1 DEFINITIONS

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

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

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

SECTION 2 CERTIFICATION OF CONTRACTOR

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

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

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

COMPANY NAME: Cartaya and Associates Architects, P.A.

AUTHORIZED OFFICER NAME / SIGNATURE: **Mario M. Cartaya**

Supplier: Cartaya and Associates Architects PA



City of Pembroke Pines

Attachment L

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

I, **Mario M. Cartaya**, on behalf of **Cartaya and Associates Architects, P.A.**,
 Print Name and Title Company Name

certify that **Cartaya and Associates Architects, P.A.**
 Company Name

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

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

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

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

Cartaya and Associates Architects, P.A.
 Company Name

Mario M. Cartaya
 Print Name / Signature

President
 Title

3		4
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