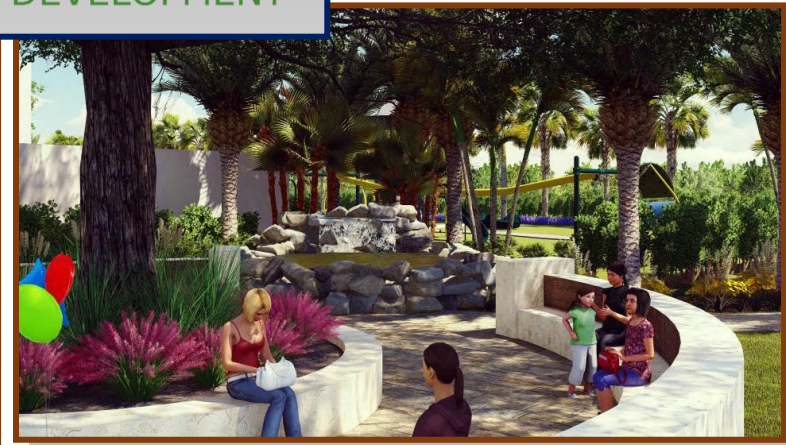
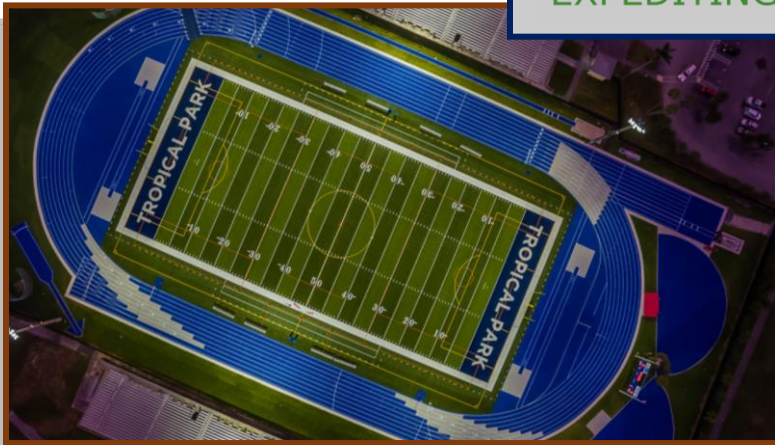


REQUEST FOR QUALIFICATIONS TO PROVIDE DESIGN SERVICES TO THE HOLLYWOOD COMMUNITY REDEVELOPMENT AGENCY FOR HOLLYWOOD BOULEVARD STREETScape

RFQ# DCRA 20-027



T H E
B E T A
J O N E S
G R O U P
A CIVIL ENGINEERING FIRM
EXPEDITING DEVELOPMENT



Luis A. Betalleluz
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Miami, FL 33131

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*TAB 1
LETTER OF
TRANSMITTAL*

**THE BETAJONES GROUP – LETTER OF TRANSMITTAL
CITY OF HOLLYWOOD RFQ# DCRA 20-027
RFQ TO PROVIDE DESIGN SERVICES TO THE HOLLYWOOD COMMUNITY REDEVELOPMENT
AGENCY FOR HOLLYWOOD BOULEVARD STREETScape**

As a fully Licensed, Insured, and Qualified Civil Engineering Consulting Firm with experience throughout Broward County and all of South Florida, via this letter, we would like to introduce our firm and express our interest in bidding on the City of Hollywood RFQ DCRA 20-027: RFQ to Provide Design Services to The Hollywood Community Redevelopment Agency for Hollywood Boulevard Streetscape.

With proven professional engineering experience working throughout the entire state Florida, including some of related professional specialties applicable to this project: Municipal Projects (Project Manager and / Civil Engineer of Record), Local City of Hollywood Projects, Broward County Projects, Water/Wastewater/ Drainage Studies, Water/Wastewater /Drainage Improvement Projects, Roadway Improvements, Parks, Airports, Golf Courses, Site Development, Redevelopment, and Multiple LEED Certified Projects, Our Civil Engineering Licensed Professional Engineers and Staff bring solid and proven experience applicable to Municipal Engineering Solutions.

We firmly believe we are the most qualified firm and team to work on this project with our detailed knowledge in Public Works Planning and the balance between technical expertise and real world scenarios by understanding and being able to design the Hollywood Boulevard streetscape with the knowledge to provide options to the City to balance Aesthetic Creative Design with Cost Efficiency and Solid Infrastructure solutions.

We wanted to thank you for the opportunity to bid on this project. Based on the service requirements, we have included many projects which highlight our professional experience over the years and related municipal and Streetscape projects which you seek. We are sure you will be impressed with the level of technical excellence, practical experience and client responsiveness that The BetaJones Group brings to every aspect of our work.

PROJECT MANAGER / CIVIL ENGINEER OF RECORD / AUTHORIZED REPRESENTATIVE

- Mr. Luis A. Betalleluz, Licensed Professional Engineer is the Project Manager and Lead Civil Engineer of Record on this Project. With over 20 years of professional experience working throughout the entire state Florida, including some of related professional specialties applicable to this project: Municipal Projects (Project Manager and / or Civil Engineer of Record), City of Hollywood Private and Municipal Projects, Broward County Projects, Drainage Rehabilitation, Park Projects, School Modernization, Roadway Improvements, and Multiple Sustainable Projects. This List make him an expert in Project Management and engineering design for each specific aspect that is needed for the Hollywood Boulevard Streetscape Project.
- Amongst the Types of Projects Specifically Related to similar geographic and other possible Municipal Projects (Listed in his Resume Section) Scope include:
 - 5 Luxury Hotel Projects in City of Ft. Lauderdale's Downtown Master Plan District which included design improvements to Broward County, City of Ft. Lauderdale, and FDOT Right of Way's with Retail, Restaurant, Hotel Drop-off Area Street Frontage.
 - Miami Beach Bay Road Drainage Improvements (Including Deep Injection Well System)

- City of Hollywood's Design-Build I-95 Pump Station Project – This took into account complex drainage modeling.
- The Sheldon Hotel in the City of Hollywood's Boardwalk
- The Seminole Tribe of Florida's Hollywood Reservation Security Entrances and perimeter wall.
- Miami-Dade County Transit Busway Improvements (over 12 Cities including Palmetto Bay)
- Deering Bay Country Club – Arnold Palmer Golf Course Drainage and Grading Design
- Zoo Miami Florida Exhibit and Park Entrance Cost-Value Analysis
- West Kendall District Park 155 Acre Regional Park – including Walking Trails, Wildlife Habitat Study, Water-Sanitary Sewer-Drainage Infrastructure, Buildings, Parking Areas (Full Design)
- Over 20 Fully LEED Certified Projects including High End Hotels, Government Buildings, and Parks. (See Resume Description for All LEED Certified Projects.)
- Additionally, over 50% of projects that Mr. Betalleluz has been involved throughout his career have had Architects, Landscape Architects, Surveyors, MEPs, Structural Engineers and Other Design Professionals, showing a proven track record in coordinating with a Design Team and the Client for successful completions of projects.
- Mr. Betalleluz has worked with Florida Fish and Wildlife in a 2,800 Acre Drainage Preservation Study, In Puerto Rico with the USCAE in a Mangrove Habitat Restoration Project, as well as the City of Miami Beach and City of Gainesville, FL in Historic Building Restoration and/or Preservation Projects.
- Mr. Betalleluz himself had his collegiate education at the University of Florida Top Engineering School in the State and 35-year Resident throughout the Entire State of Florida and practicing engineering experience throughout the state of Florida in similar or identical projects brings him experience in design and jurisdictional knowledge.
- Some of Mr. Betalleluz's designs also have won national awards, Project of the Year Nominations, amongst many years of design experience (Tropical Park Track and Field Stadium).

COMMITMENT TO PERFORM WORK

We also wanted to express our solid commitment to perform the work within the agreed time period and availability to FULLY participate on this project and to take a lead role in providing solid and proven professional services to the City of Hollywood. If selected, we will fully dedicate our team's time to a successful design and have an immediate response throughout the entire development process, as well as, provide dedicated people to each project and maximize our customer service and satisfaction to the client.

Cordially,



Luis A. Betalleluz, P.E.
Principal
The BetaJones Group, Inc.
801 Brickell Avenue, Suite 900
Miami, Florida 33131
business line: 786.284.8828
direct phone: 786.564.6276
fax (toll free): 866.312.8730
email: luis@betajones.com



*TAB 2
STANDARD FORM
330*

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Request for Qualifications to Provide Design Services to the Hollywood Community Redevelopment Agency for Hollywood Boulevard Streetscape (Hollywood, FL)

2. PUBLIC NOTICE DATE

September 29th, 2020

3. SOLICITATION OR PROJECT NUMBER

DCRA 20-027

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Luis A. Betalleluz, P.E.

5. NAME OF FIRM

The BetaJones Group, Inc

6. TELEPHONE NUMBER

(786) 284-8828

7. FAX NUMBER

(866) 312-8730

8. E-MAIL ADDRESS

Luis@betajones.com

C. PROPOSED TEAM

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

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	X			The BetaJones Group, Inc <input type="checkbox"/> CHECK IF BRANCH OFFICE	801 Brickell Avenue Suite 900 Miami, FL 33131	Civil Engineer/ Prime
b.		X		MLS Mapcons Group, Inc <input type="checkbox"/> CHECK IF BRANCH OFFICE	47 NW 56th AVE Miami, FL 33126	Surveyor
c.		X		Tonning & Associate, Inc <input type="checkbox"/> CHECK IF BRANCH OFFICE	4855 NW 92 Terr Coral Springs, FL 33067	Landscape Architect
d.		X		Idea Architects, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	3323 NE 163 Street Suite 200 North Miami Beach, FL 33160	Architect
e.		X		Caltran Engineering Group, Inc <input type="checkbox"/> CHECK IF BRANCH OFFICE	790 NW 107 Avenue Suite 200 Miami, FL 33172	Traffic Engineer
f.		X		Terracon Consultants, Inc <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5371 NW 33 AVE Suite 201 Fort Lauderdale, FL 33309	Geotechnical Engineer Environmental Wildlife

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

 (Attached)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Luis A. Betalleluz, P.E.	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 21 Years	b. WITH CURRENT FIRM 12 Years
15. FIRM NAME AND LOCATION (City and State) The BetaJones Group, Inc. Miami, FL			
16. EDUCATION (Degree and Specialization) B.S. Civil Engineering- University of Florida Minor in Business Administration- University of Florida		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Registered Professional Engineer# 65892 LEED Accredited Professional- New Construction- USGBC AdICPR Stormwater Modeling- Advanced Training Program Certification Certified NPDES Erosion Control Mgmt. Inspector – FDEP Certified for Maintenance of Traffic (MOT) Plan Design - ATSSA Certified in Sales Engineering – University of Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Miami-Dade Transit Master Bus Route Improvements	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm a. Served as Project Engineer. Design and permitting of over 200 bus shelter additions throughout Miami-Dade County's Bus Transit Route. Scope of work included: the modernization of Miami-Dade County's Bus Transit System, including ADA accessibility, bus shelter site selection, drainage improvements, and other Right of Way Improvements, Cities of Opa-Locka, Doral, Homestead, North Miami, North Miami Beach, Florida City, El Portal, Miami Lakes, Miami Gardens, Surfside, Medley, and Bay Harbor Islands, Miami-Dade County, Florida. Cost: Engineering Consulting: \$343,000		
(1) TITLE AND LOCATION (City and State) Tropical Memorial Park Track and Field Stadium	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm b. Served as Project Engineer. o Design and Permitting to upgrade the Tropical Park Track and Field Sports Stadium to include a USATF and IAAF Certified Olympic Track & Field Events Area and an NCAA Certified Artificial Turf Sports Field for Football, Soccer and Lacrosse.with additional site improvements. Engineering Consulting: \$150,000		
(1) TITLE AND LOCATION (City and State) Miami-Dade County Youth-Fair and Exposition - Sanitary Sewer Evaluation	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm c. Served as Project Engineer. Study, detailed analysis, and rehabilitation of the existing fairground's 40-year old sanitary sewer system including over 5-Miles of pipe, pump station, sewer laterals, mains, manholes, and clean outs. Engineering Consulting: \$50,000		
(1) TITLE AND LOCATION (City and State) Miami Beach Bay Road Drainage Improvements	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm d. Served as Project Engineer. Design, stormwater planning, modeling and permitting for the design-build of roadway and major drainage improvements throughout Bay Road within the City of Miami Beach, Florida . Scope of work included: Master Drainage Planning with the ICPR program, adding additional drainage injection wells, modifying an existing pump station, Right of way and roadway improvements		
(1) TITLE AND LOCATION (City and State) Dalmar / Tribute Hotel	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2020
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm e. Served as Project Civil Engineer of Record. Civil Design of the Water, Sanitary and Stormwater Management Facilities including a 1,000 Linear Foot Watermain Extension under a City Street. Scope included modernization of street along with bike lanes, lane shifting. Permitting of site, drainage, and utilities for Luxury Modern Mix-used Hotel and Retail Bldg. Engineering Consulting \$75,000		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
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>			

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	<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(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 type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(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 type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Hugo Soto, P.E.	Principal/Authorized Project Reviewer (APR)/Quality Reviewer	a. TOTAL	b. WITH CURRENT FIRM
		39	12

15. FIRM NAME AND LOCATION (City and State)

Terracon Consultants, Inc. (Miami Lakes, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
B.S./Civil Engineering M.S./ Geotechnical	Professional Engineer/Florida, Civil Engineering

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

Affiliations: American Society of Civil Engineers Cuban Society of Engineers

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	City of Lauderhill Police Station Lauderhill, FL	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	APR/Quality Review. The proposed new building includes a 3- to 5-story police building measuring approximately 55 feet by 110 feet. Terracon performed subsurface exploration and geotechnical engineering services to provide information and geotechnical engineering recommendations relative to: subsurface conditions; groundwater conditions; site preparation and earthwork; excavation considerations; foundation design and construction; floor slab design and construction; pavement design and construction; and hydraulic conductivity (k-value). Terracon is currently in the process of preparing the report for the client, the City of Lauderhill. Firm's Fee: \$6,400 estimated		
b.	Pompano Beach Amphitheater Pompano Beach, FL	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	APR/Quality Review. The project consists of construction of a membrane roof over the existing Pompano Beach Amphitheater. Terracon performed subsurface exploration and geotechnical engineering services for the proposed roof. The scope of work included the advancement of test borings to a depth of 90 feet below existing site grades. The borings were advanced with a truck-mounted drill rig using a rotary method. We observed and recorded groundwater levels during drilling and sampling. The samples were placed in appropriate containers and taken to our soil laboratory for testing and classification by a geotechnical engineer. Information and geotechnical engineering recommendations were provided in relation to subsurface soil (and rock) conditions; groundwater conditions; site preparation and earthwork; and foundation design and construction. Terracon delivered the firm's information, opinions, and recommendations using GeoReport®, a web-based information and delivery collaboration portal. Firm's Fee: \$19,595		
c.	City of Cooper City Water Treatment Plant (WTP) Water Storage Tank Replacement City of Cooper City, FL	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	APR/Quality Review. Geotechnical engineering services were performed for the proposed Cooper City WTP Water Storage Tank replacement project located at 11791 SW 49 th Street. Test borings were advanced to depths of approximately 60 to 65 feet below ground surface along the perimeter of the existing water storage tank. The purpose of these services is to provide information and geotechnical engineering recommendations relative to subsurface soil/rock conditions, groundwater conditions, foundation design and construction, and earthwork. Firm's Fee: \$7,675		
d.	Broward County Courthouse Fort Lauderdale, FL	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Principal Engineer. The \$213 million large scale construction project consisted of a 20-story building with more than 70 courtrooms within the 714,000-SF facility. Terracon performed a subsurface exploration program and geotechnical engineering evaluation to determine if the augercast piles were a suitable type of foundation system for support of the structure. Recommendations for the foundation design and related construction were furnished. Terracon also provided construction materials testing and inspection services. The scope of work entailed pile load test analysis and pile length recommendations, pile construction monitoring, post tension monitoring, and sealant special inspections. Firm's Fee: \$216,000 estimated		
e.	City of Cooper City Sports Complex Restroom City of Cooper City, FL	2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	APR/Quality Review. This project was planned to include the construction of a pre-fabricated concrete structure supported on a concrete slab with or without a perimeter concrete footings. The slab footprint was approximately 10 x 14 feet. Geotechnical exploration was performed for the structure in order to provide information and geotechnical engineering recommendations relative to subsurface soil conditions, earthwork, groundwater conditions, foundation design and construction, and floor slab design and construction. Firm's Fee: \$2,150		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Rutu Nulkar, P.E.	13. ROLE IN THIS CONTRACT Senior Geotechnical/Materials Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 16

15. FIRM NAME AND LOCATION (City and State)

Terracon Consultants, Inc. (Fort Lauderdale, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
B.S./Civil Engineering M.S./Civil Engineering	Professional Engineer/Florida, Civil Engineering

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

Affiliations: American Society of Civil Engineers (ASCE) Florida Engineering Society (FES)
Florida Engineering Society/Florida Institute of Consulting Engineers Leadership Institute

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) City of Lauderhill Police Station Lauderhill, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. Senior Geotechnical Engineer. The proposed new building includes a 3- to 5-story police building measuring approximately 55 feet by 110 feet. Terracon performed subsurface exploration and geotechnical engineering services to provide information and geotechnical engineering recommendations relative to: subsurface conditions; groundwater conditions; site preparation and earthwork; excavation considerations; foundation design and construction; floor slab design and construction; pavement design and construction; and hydraulic conductivity (k-value). Terracon is currently in the process of preparing the report for the client, the City of Lauderhill. Firm's Fee: \$6,400 estimated

(1) TITLE AND LOCATION (City and State) NW 38th Avenue Improvements Lauderhill, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. Project Engineer/Manager. The proposed project includes widening the existing roadway and constructing sidewalks and bus shelters along the proposed corridor. Test borings were drilled to a depth of approximately 15 feet below existing site grades and exfiltration tests were performed to a depth of 10 feet below the existing grades. Terracon performed subsurface exploration and provided geotechnical engineering recommendations relative to subsurface soil (and rock) conditions, groundwater conditions, site preparation and earthwork, foundations for the proposed bus shelter, and recommendations for the roadway widening and sidewalk construction. Firm's Fee: \$4,017

(1) TITLE AND LOCATION (City and State) City of Cooper City Water Treatment Plant (WTP) Water Storage Tank Replacement City of Cooper City, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. Senior Geotechnical Engineer. Geotechnical engineering services were performed for the proposed Cooper City WTP Water Storage Tank replacement project located at 11791 SW 49th Street. Test borings were advanced to depths of approximately 60 to 65 feet below ground surface along the perimeter of the existing water storage tank. The purpose of these services is to provide information and geotechnical engineering recommendations relative to subsurface soil/rock conditions, groundwater conditions, foundation design and construction, and earthwork. Firm's Fee: \$7,675

(1) TITLE AND LOCATION (City and State) Fire Station No. 54 Fort Lauderdale, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013, 2017	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

d. Project Engineer/Manager. A three-story fire station building was planned at the northeast corner of NE 32nd Street and NE 32nd Avenue in at the time of Terracon's initial services from 2012 to 2013. The facility contains an apparatus bay at the west and generator pad on the east. The firm performed geotechnical engineering services that included field exploration comprised of the drilling of borings, laboratory testing and geotechnical engineering services. Terracon also provided observation of the installation or the auger cast piles during construction as part of the design team in 2017. We completed the auger cast pile installation monitoring for the 14-inch auger cast piles (ACPs) for the proposed facility. The firm provided engineering oversight and related testing services during the ACP installation to assure that the work was completed in a manner which met the intent of the project plans and specifications. Our personnel furnished full-time observation of the pile installation work and recording such information as total length, rock socket length, grout volume, grout factor, and reinforcement type and placement procedures. The firm also provided geotechnical consultation services such as reviewing shop drawings, submittals and responded to requests for information during construction. Firm's Fee: \$19,350

(1) TITLE AND LOCATION (City and State) City of Hollywood Community Redevelopment Agency (CRA) Streetscapes Hollywood, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

e. Project Engineer/Manager. Responsible for the construction materials testing services that were provided for the general contractor. The CRA's project consists of converting three blocks of overhead public utilities to underground including TV, phone and power with hardscape beatification. It also includes beach access street-end public amenities tied to the Hollywood Boardwalk, paver streets and sidewalks, fountains, wood trellises, mosaic paver inserts, decorative street pole lighting and landscaping installed along with underground utilities, drainage water and sewer service tied to private residences. Terracon's scope of services consisted of field and laboratory testing services including field and density tests, moisture density tests, limerock bearing ratio (LBRs), concrete testing, unconfined compressive strength tests, and asphalt testing. Firm's Fee: \$15,040

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Brian Brandon	Senior Environmental Engineer	a. TOTAL	b. WITH CURRENT FIRM
		7	2

15. FIRM NAME AND LOCATION (City and State)

Terracon Consultants, Inc. (Winter Park, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION) 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

B.S./Biology

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

Environmental Professional per ASTM Standards Certified Florida Master Naturalist, UF IFAS
 38-hour USACE Wetland Delineation Certified FWC Authorized Gopher Tortoise Agent #GTA-14-00004
 40-hour Hazardous Waste Operations and Emergency Response Certification

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Orange County Public Schools Continuing Contract Orange County, FL	Ongoing	N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Staff Scientist for this continuing geotechnical engineering, construction materials testing, and environmental consulting services contact Terracon has held with Orange County Public Schools since 1994. These services include, threatened and endangered species studies and other environmental services on an as needed basis for new schools and additions/improvement to existing schools. Firm's fee: on a task-by-task basis.		
Chick-fil-A Store #04464 New Smyrna Beach, FL	2019	N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Staff Scientist and Project Manager responsible for providing wetland delineation and permitting services. Services included environmental resource permitting assistance, U.S. Army Corps of Engineers (USACE) permitting assistance, Section 7 consultation, and State Historic Preservation Office (SHPO) consultation. Firm's fee: \$2,500		
O'Reilly's at Palm Coast Palm Coast, FL	2019	N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Staff Scientist to provide endangered and threatened species survey and wetland assessment services for the above-referenced site. The scope of this assessment included a review of the current site conditions and available documentation pertaining to state and federally protected plant and animal species and their habitat; as well as an assessment to determine if wetlands were present on site. Firm's fee: \$3,000		
Proposed Publix - Indrio Road Permitting Fort Pierce, FL	2019	N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for a proposed commercial development. The scope of services included a wetland assessment and delineation, listed species review, agency review of the wetland delineation, preparation of Uniform Mitigation Assessment Method (UMAM) data sheets, and environmental permitting. Project Fee: \$7,784		
Fort Lauderdale Executive Airport Fort Lauderdale, FL	2019	N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Staff Scientist and Project Manager for commercial development on three non-contiguous lots. The scope of services included preliminary review of wetlands, threatened and endangered species, and cultural resources The scope of services also included Florida Burrowing Owl surveys and permitting, creation of a burrowing owl mitigation plan, and consultation with the FWC. Firm's Fee: \$52,370		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Lucas Barroso-Giachetti, P.E., CHMM	Senior Environmental Engineer	a. TOTAL	b. WITH CURRENT FIRM
		19	1.5

15. FIRM NAME AND LOCATION (City and State)

Terracon Consultants, Inc. – Miami Lakes, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
B.S./Environmental Engineering	Florida/Professional Engineer

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

Certifications: Certified Hazardous Materials Manager (CHMM)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Costco Warehouse Site within SoLe Mia Development North Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. Lucas is serving as Senior Environmental Engineer. Providing essential assessment and construction oversight services in support of the site investigation and preparation for development of the project site. Observing relocation and placement of landfill materials and assessing soil and groundwater quality for constituents of concern within the development site. The results will be incorporated into the conditional closure utilizing institutional and engineering controls provided through Miami-Dade County Department of Regulatory and Economic Resources (RER) which will allow effective operation of the site without the expense of having to conduct remediation of impacted materials. Firm's Fee: \$258,950 estimated

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
PFAS Assessment of Miami Dade College Academy of Fire Science Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. Lucas served as the Technical Lead and Project Manager for assessment of a firefighter training area that historically utilized Aqueous Fire Fighting Foam (AFFF) during training exercise that contained per and polyfluorylakyl substances (PFAS). Terracon was retained by Miami Dade College to assess potential impacts to soil and groundwater from PFAS, including development of a PFAS-focused sampling plan including special and rigorous practices and procedures to prevent cross-contamination during sampling from common everyday items such as water-resistant clothing, sunscreen and others. Firm's Fee: \$27,766 estimated

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Pompano Beach Airpark – Plane Crash Fuel Spill Pompano Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. Lucas led this project as the Professional Engineer (P.E.) and Project Manager, which involved emergency soil screening, soil sampling, groundwater sampling and source removal oversight related to a discharge of fuel resulting from an emergency aircraft crash landing within the Pompano Beach Airpark. Lucas provided P.E. oversight of the field activities and conducted regulatory interface on behalf of the client with Broward County. The impacted area was successfully excavated and remediated, receiving a No Further Action (NFA) status from Broward County. Firm's Fee: \$12,198

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
AAR Aircraft Services (formerly Avborne Heavy Maintenance), Miami International Airport (MIA) Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2014	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

d. Lucas performed a comprehensive environmental compliance review of a 250,000-square foot (SF) aircraft maintenance/painting operation for adherence to Miami-Dade County Division of Environmental Resources Management (DERM), Florida Department of Environmental Protection (FDEP), and US Environmental Protection Agency (EPA) guidelines and regulations. Trained several company employees on best management practices and applicable regulations and interfaced with the DERM Airports and Contracts Section and Miami-Dade Aviation Department (MDAD) representatives during the review process to achieve compliance in many areas related to MIA regulations. Produced plans and management tools for facility managers and staff: Stormwater Pollution Prevention Plan; Spill Prevention Control and Countermeasures (SPCC); Department of Transportation (DOT) Security Plan;

Hazardous Waste Management, Tracking, and Strategies; DERM Industrial Wastewater permitting; DERM volatile organic compounds (VOCs) Emissions Permits; Hazardous Waste Stream Analysis and Characterization; and SARA Tier II Reporting. Provided “on call” compliance support services related to County air and industrial waste (IW) permits, including FDEP air permitting and reporting.

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Port of Miami Tunnel Project (POMT) SPCC and Compliance Consulting Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2012 through 2013	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		
Lucas prepared multiple SPCC Plans for project-wide land and maritime operations for Nicholson Construction involving drilling and grout injection activities on floating barges off Watson Island and Dodge Island. Worked closely with Bouygues Civil Works Florida (BCWF) personnel during preparation and implementation of SPCC, which was reviewed and approved by Miami-Dade County.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Orlando Grandal	13. ROLE IN THIS CONTRACT Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 42	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION *(City and State)*
Mapcons Group, LLC.; Miami, Florida

16. EDUCATION <i>(Degree and Specialization)</i> Bachelor's: Surveying	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Land Surveyor, PLS No. 6677; Florida
---	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Worked in Regulatory and Economic Resources Department as Special Administrator for Concurrency; was a member of the Miami-Dade Platting Committee, Supervisor of the Intake Team, was part of Miami-Dade County Public Works Department in the Traffic Engineering Division as Traffic Engineer, and in the Special Taxing District Section.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Miami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
City of Miami Surveying Services: The scope consisted of the surveying of lines and grade sections for a new sidewalk, establishing official elevation bench monuments, and topographic surveys within the City of Miami for the Public Works Department.

(1) TITLE AND LOCATION <i>(City and State)</i> Hialeah, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Hogarama Investments: Development of a townhouses subdivision with 198 units. Included site planning, land surveying with tentative and final plat, plans for roadways paving and drainage, construction layout for engineering improvements and building construction.

(1) TITLE AND LOCATION <i>(City and State)</i> Davie, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Casa Facil International 3, Town of Davie: The scope consisted of surveying and subsurface utility engineering (SUE) for the development of 18 townhomes in the Town of Davie. This included changes to the Non Vehicular Access Line and changes to the site zoning as recorded on the plat. SUE services were limited to Quality Level C as per ASCE 38-02.

(1) TITLE AND LOCATION <i>(City and State)</i> Savannah, Georgia	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Mapping of Existing Utilities Inventory for City of Savannah, Georgia: Directed field survey crews to inventory location of existing utilities, compared with available records, production of a series of maps showing all the utilities and pertinent data within the City of Savannah.

(1) TITLE AND LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Ft. Lauderdale International Airport Fire Station: Consisted of preparation of site plan, boundary and topographic survey, and plans preparation for paving, grading and drainage and permitting with local and federal agencies. Also included construction inspections and certification.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION (City and State)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	

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)*

Tropical Memorial Park Track and Field Stadium

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2014

CONSTRUCTION *(If applicable)*
2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

MD Parks Recreation & Open Spaces

b. POINT OF CONTACT NAME

Mr. Jose Gonzalez P.E., Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

305-755-7833

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

Design and Permitting to upgrade the Tropical Park Track and Field Sports Stadium to include a USATF and IAAF Certified Olympic Track & Field Events Area and an NCAA Certified Artificial Turf Sports Multi-Purpose NCAA and High School Association Certified Field for Football, Soccer and Lacrosse.with additional site improvements including the Master Stormwater Plan for the Stadium.

Mr. Betalleluz was the Lead Civil Engineering and Project Engineer

Mr. Toning was the Landscape Architect.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

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)*

Miami-Dade Transit Master Bus Route Improvements

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2012

CONSTRUCTION *(If applicable)*
2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

MD Transit

b. POINT OF CONTACT NAME

Mr. Javier Salmon P.E., Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

786-473-4710

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

Design and permitting of over 200 bus shelter additions throughout Miami-Dade County's Bus Transit Route. Scope of work included: the modernization of Miami-Dade County's Bus Transit System, including ADA accessibility, bus shelter site selection, drainage improvements, and other Right of Way Improvements,

Cities of Opa-Locka, Doral, Homestead, North Miami, North Miami Beach, Florida City, El Portal, Miami Lakes, Miami Gardens, Surfside, Medley, and Bay Harbor Islands, Miami-Dade County, Florida

Cost: Engineering Consulting: \$343,000

Mr. Betalleluz was the Lead Civil Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

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

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION <i>(City and State)</i> Miami-Dade County Youth-Fair and Exposition - Sanitary Sewer Evaluation	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER MD Parks Recreation & Open Spaces	b. POINT OF CONTACT NAME Mr. Julio Ramos, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 305-773-4189
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Served as Project Engineer. Study, detailed analysis, and rehabilitation of the existing fairground's 40-year old sanitary sewer system including over 5-Miles of pipe, pump station, sewer laterals, mains, manholes, and cleanouts.

Cost: Engineering Consulting: \$50,000

Mr. Betalleluz was the Lead Civil Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

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)*

Miami Beach Bay Road Drainage Improvements

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2012

CONSTRUCTION *(If applicable)*
2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Miami Beach

b. POINT OF CONTACT NAME

Mr. Hermes Diaz, P.E. - City Engineer

c. POINT OF CONTACT TELEPHONE NUMBER

305-460-5006

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

Design, stormwater planning, modeling and permitting for the design-build of roadway and major drainage improvements throughout Bay Road within the City of Miami Beach, Florida . Scope of work included: Master Drainage Planning with the ICPR program, adding additional drainage injection wells, modifying an existing pump station, Right of way and roadway improvements.

Cost: Engineering Consulting: \$100,000

Mr. Betalleluz was the Lead Civil Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

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)*

North Glade Park

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2017

CONSTRUCTION *(If applicable)*
2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

MD Parks Recreation & Open Spaces

b. POINT OF CONTACT NAME

Mr. Ramon Valdez, Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

305-884-8512

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

Served as Project Civil and Structural Engineer/ Engineer of Record. Civil and Structural Design and Permitting of an 8.6 Acre MDPROS Park Improvement Project near Homestead. Improvements include the modernization of the Park Clubhouse, covered loggia, 6,000 SF clubhouse/community building, and site infrastructure improvements throughout the park. Silver LEED Certification.

Cost: Engineering Consulting: \$45,000

Mr. Betalleluz was the Lead Civil Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

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

20. EXAMPLE PROJECT KEY NUMBER

6

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

I-95 & Pembroke Road Pump Station

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2002

CONSTRUCTION *(If applicable)*
2004

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Hollywood

b. POINT OF CONTACT NAME

Mr. Walt Smyser, City Engineer

c. POINT OF CONTACT TELEPHONE NUMBER

954-921-3930

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

Design-Build of a 2.5 mile master drainage pipeline, roadway improvement, and pump station project, including the micro-tunneling under I-95, trenching and boring under major arterial roadways, dredging of the Hollywood Canal.

Project Cost: \$10,000,000

Mr. Betalleluz was the Office and Field Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Office and Field Engineer
b.			
c.			
d.			
e.			
f.			

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

20. EXAMPLE PROJECT KEY NUMBER

7

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

Starwoods Hotels: Tribute/Element Hotel

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2017

CONSTRUCTION *(If applicable)*
2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Wurzak Hotels

b. POINT OF CONTACT NAME

Mr. Primi Conde, Project Architect

c. POINT OF CONTACT TELEPHONE NUMBER

305-740-0723

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

Civil Design of the Water, Sanitary and Stormwater Management Facilities including a 1,000 Linear Foot Watermain Extension under a City Street. Scope included modernization of street along with bike lanes, lane shifting. Permitting of site, drainage, and utilities for Luxury Modern Mix-used Hotel and Retail Bldg.

Cost: Engineering Consulting: \$75,000

Mr. Betalleluz was the Lead Civil Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

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

8

21. TITLE AND LOCATION (City and State)

Margate Collision Center

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2018

CONSTRUCTION (If applicable)
2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

AutoNation

b. POINT OF CONTACT NAME

Ms. Dulce Conde, Project Architect

c. POINT OF CONTACT TELEPHONE NUMBER

305-522-4907

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

Complex Infrastructure Design of An Industrial Automotive Collision Center. Civil Design of the Water, Sanitary and Stormwater Management Facilities including complex systems such as Car Wash Oil/Water Separator, Metal Filter, Watermain Relocation. Scope included ADA Accessibility for Site. Permitting of site, drainage, and utilities at the City of Margate, Florida.

Cost: Engineering Consulting: \$50,000

Mr. Betalleluz was the Lead Civil Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

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

9

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

Roll N Lock Industrial Warehouse (Pompano Beach, FL)

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2013

CONSTRUCTION *(If applicable)*
2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Roll-N-Lock Corporation

b. POINT OF CONTACT NAME

Mr. Greg Bernardo

c. POINT OF CONTACT TELEPHONE NUMBER

954-785-7655

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

Civil Design of the Site Parking Lot Modification and Modernization of and Industrial Manufacturing Plant. Permitting of site, drainage, and ADA Accessibility, and Driveway, and Parking Lot Modification.

Cost: Engineering Consulting: \$75,000

Mr. Betalleluz was the Lead Civil Engineer.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

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

10

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

Dillard High School Fire Main Improvements (Ft. Lauderdale, FL)

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2018

CONSTRUCTION *(If applicable)*
2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Broward County Public Schools

b. POINT OF CONTACT NAME

Ms. Dulce Conde

c. POINT OF CONTACT TELEPHONE NUMBER

305-522-4907

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

Civil Design, Permitting and Feasibility Study of School Property and Multi-Building Fire Main System. Study Included Pressure Testing, Fire Line Extension and connections for updated sprinkler fire protection system to the School's oldest buildings.

Cost: Engineering Consulting: \$130,000

Mr. Betalleluz was the Lead Civil Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The BetaJones Group, Inc	801 Brickell Avenue Suite 900 Miami, FL 33131	Lead Civil Engineer
b.			
c.			
d.			
e.			
f.			

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL <i>(From Section E, Block 12)</i>	27. ROLE IN THIS CONTRACT <i>(From Section E, Block 13)</i>	28. EXAMPLE PROJECTS LISTED IN SECTION F <i>(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)</i>									
		1	2	3	4	5	6	7	8	9	10
Luis A. Betalleluz, P.E.	Civil Engineer/PM/Prime	X	X	X	X	X	X	X	X	X	X
Adriana Hegeman, P.E.	Assistant Project Manager	X	X	X	X	X	X	X	X	X	X

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	Tropical Memorial Park Track and Field Stadium	6	I-95 & Pembroke Road Pump Station
2	Miami-Dade Transit Master Bus Route Improvements	7	Starwoods Hotels: Tribute/Element Hotel - Ft. Lauderdale
3	Miami-Dade County Youth-Fair and Exposition - Sanitary Sewer Evaluation	8	Margate Collision Center - City of Margate
4	Miami Beach Bay Road Drainage Improvements	9	Roll N Lock Industrial Warehouse - Pompano Beach
5	North Glade Park	10	Dillard High School Fire Main Improvements - Ft. Lauderdale

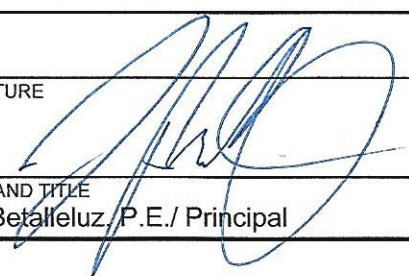
H. ADDITIONAL INFORMATION

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

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

10/26/2020

33. NAME AND TITLE

Luis A. Betalleluz, P.E./ Principal

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
DCRA 20-027

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME The BetaJones Group, Inc			3. YEAR ESTABLISHED 2006	4. UNIQUE ENTITY IDENTIFIER FE/EIN 20-84476958
2b. STREET 801 Brickell Avenue Suite 900			5. OWNERSHIP	
2c. CITY Miami			2d. STATE FL	2e. ZIP CODE 33131
6a. POINT OF CONTACT NAME AND TITLE Luis A. Betalleluz, P.E./ Principal			a. TYPE Corporation	
6b. TELEPHONE NUMBER (786) 284-8828			b. SMALL BUSINESS STATUS Engineering Services- 541330	
6c. E-MAIL ADDRESS Luis@betajones.com			7. NAME OF FIRM (If Block 2a is a Branch Office)	

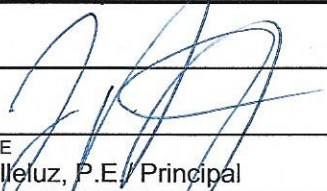
8a. FORMER FIRM NAME(S) (If any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
12	Land Development	1		A06	Airport Hangars- Civil	2
				C08	Codes	2
				C15	Construction Mgmt	2
				C18	Cost Estimating	2
				D04	Design Build- Warehouses	2
				H12	Hydraulic Modeling	2
				I06	Drainage	2
				P06	Site Planning	2
				P07	Plumbing Design	2
				R04	Park Design	2
				S13	Drainage Facilities	2
	Other Employees					
Total		1				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)	a. Federal Work	2
	b. Non-Federal Work	2
	c. Total Work	2
	Total	

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

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

a. SIGNATURE 	b. DATE 10/26/2020
c. NAME AND TITLE Luis A. Betalleluz, P.E./ Principal	

A photograph of a concrete sidewalk with two red textured mats. The text "TAB 3 PROFILE OF CONSULTANT" is overlaid in white. The sidewalk is made of light-colored concrete slabs. There are two red mats with a raised, textured surface. The sidewalk is bordered by green grass on both sides. A concrete curb is visible on the right side. The foreground shows a grey asphalt surface. The text is centered and written in a white, serif font.

*TAB 3
PROFILE OF
CONSULTANT*

THE BETAJONES GROUP – FIRM’S QUALIFICATIONS, OFFICE AND TEAM INFORMATION

HISTORY AND QUALIFICATIONS

The BetaJones Group, an S Corporation founded on August 21, 2006, with Principals that have over 20 years’ experience, is a South Florida local full-service Site/Civil Engineering Consulting firm serving as the client’s engineering consultant throughout the development process providing services needed for every phase including: Feasibility Studies, site planning, engineering design, regulatory permitting, and construction oversight. Our services apply for new development, redevelopment, and rehabilitation projects in all types of land use:

- Residential
- Commercial
- Industrial
- Municipal

The BetaJones Group, Inc. combines the experience of individuals who have worked in virtually every aspect of Civil/Site Design, Development, and Permitting across the entire state of Florida, the Southeastern United States, and the Caribbean. Specializing in Commercial, Residential, Industrial, and Municipal projects; the firm’s “*Expediting Development*” attitude signifies the importance of efficiency by completing projects on schedule and within budget.

An array of Civil Engineering services are offered at The BetaJones Group, Inc. from design and permitting of drainage, roadways, water/sewer systems, and pump stations, to in-depth studies, inspections, and investigations as well as construction observation and contract administration.

Our range of experience extends throughout the entire state of Florida, the Southeast United States, and the Caribbean. This allows our clients the comfort of staying with the same consultant throughout various projects, maximizing efficiency, quality designs, and speeding up the permitting process. Types of projects range from the complete development of a site to single phase projects such as permitting and bringing an existing site up to code compliance (i.e., parking issues utility compliance, setback and buffer issues, stormwater and drainage design, etc.). BetaJones Group professionals have worked on many **site plans, multi-family condominiums/apartments, subdivisions, building additions, site rehabilitations, major infrastructure repairs, LEED Certified Projects, Sustainable / Green sites, golf and country clubs, high rises, educational facilities, office buildings, retail centers, lifestyle centers, mix-used developments, strip malls/outlets, warehouses, industrial/commercial parks, cemeteries, waterways, national parks, highway systems**, and other complex structures. Some of our representative client list includes:

- The South Florida Water Management District
- GSA – U.S. Department of Homeland Security
- Broward County Public Schools
- The Seminole Tribe of Florida
- AutoNation of South Florida
- Dezer/Trump Development Group
- The United States Department of Military Affairs
- The United States Corps of Engineers
- Miami-Dade County Parks, Recreation and Open Spaces

- Miami-Dade County Transit
- Miami-Dade Aviation Department
- The Arnold Palmer Design Group
- City of Pinecrest, Florida
- City of Miami Beach, Florida
- City of Marathon, Florida
- City of Miami Gardens, Florida
- City of Hollywood, Florida
- Deering Bay Golf and Country Club
- Stanbery Development
- Brown Hill Development
- Maxam Group, LLC.
- Cargo Ventures
- Colliers Arnold International
- USAA Realty Company
- Wachovia Center – Tampa
- The Columbus Center
- Sol-Arch Architecture
- Itasca Construction
- Cycle World Companies
- Balfourt Finnvold Architecture
- Various Property Management Firms
- Various HOA's and Condominium Boards

As Land Development issues continue to become more complex, costly, and time-consuming; the need for rapid resolution of problems as well as the desire to be confident in the quality of the end product means that an efficient, responsive Civil Engineering team with knowledge, experience, and talent needs to be introduced in order to assist Clients in reaching their goals.

PRIME AND SUBCONSULTANT OFFICES

The firm has two offices, A total of 15 Employees (Full-Time, Part-Time, and Per-Diem), It's headquarters is located in the One Brickell Square Tower at 801 Brickell Avenue, Suite 900, Miami, Florida 33131. It's South office is located at 7700 North Kendall Drive, Suite 300, Miami, Florida 33156. The Main Office will be the office of operations for the proposed project.

Full-Time Staff Located at this office is:

1. Mr. Luis A. Betalleluz, P.E. – Principal, Project Manager and Civil Engineer
2. Ms. Adriana Hegeman, P.E. – Assistant Project Manager and Civil Engineer
3. Ms. Michelle Lopez – Technical Staff
4. Ms. Angela Rosina Manunta – Technical Staff

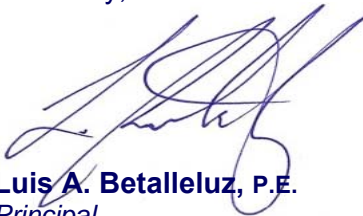
Subconsultants included in this Project:

1. IDEA Architects, LLC.
 - a. Discipline: Architects
 - b. Discipline: MEP
2. MLS Mapscons Group, Inc.
 - a. Discipline: Surveying Team
3. Terracon Consultants, Inc.

- a. Discipline: Environmental Engineers
- b. Discipline: Geotechnical Engineers
- 4. Toning & Associates, Inc.
 - a. Discipline: Landscape Architect
- 5. Caltran Engineering Group, Inc.
 - a. Discipline: Traffic and Transportation Engineers

We would be glad to assist in expediting the development process on any civil engineering services that you or your clients may need. We are sure you will be impressed with the level of technical excellence, practical experience and client responsiveness that The BetaJones Group brings to every aspect of our work. Thank you for your time, and we look forward to meeting with you to discuss your current and planned projects. Feel free to check out our website www.BetaJones.com for a list of our complete services. Please don't hesitate to contact us if you have any questions or if you require additional information.

Sincerely,



Luis A. Betalleluz, P.E.

Principal

The BetaJones Group, Inc.

801 Brickell Avenue, Suite 900

Miami, Florida 33131

business line: 786.284.8828

direct phone: 786.564.6276

fax (toll free): 866.312.8730

email: luis@betajones.com

THE BETAJONES GROUP – COMPLETED PROJECTS
PROJECT EXPERIENCE MUNICIPAL AND RELATED PROJECTS WITH REFERENCES

■ ■ **Miami Beach Bay Road Drainage Improvements**

- Reference Project Description: Served as Project Engineer. Design, stormwater planning, modeling and permitting for the design-build of roadway and major drainage improvements throughout Bay Road within the City of Miami Beach, Florida . Scope of work included: Master Drainage Planning with the ICPR program, adding additional drainage injection wells, modifying an existing pump station, Right of way and roadway improvements.
- Miami Beach, Miami-Dade County, Florida
- Initial Cost Estimate: \$1.0 Million
- Number of Change Orders: 4
- Total Value of Change Orders: \$30,000
- Initial Design Fees: \$50,000
- Change Orders to Design Contract: 0
- Mr. Hermes Diaz, P.E.
- City of Miami Beach Engineer,
- Telephone: 305-460-5006
- Email: hdiaz2@coralgables.com

■ ■ **I-95 & Pembroke Road Pump Station**

- Reference Project Description: Served as Office and Field Engineer. Design-Build of a 2.5 mile master drainage pipeline, roadway improvement, and pump station project, including the micro-tunneling under I-95, trenching and boring under major arterial roadways.
- Hallandale, Pembroke, and Hollywood, Broward County, Florida
- Initial Cost Estimate: \$10 Million
- Number of Change Orders: 6
- Total Value of Change Orders: \$100,000
- Initial Design Fees: \$1,000,000
- Change Orders to Design Contract: \$50,000
- Client: City of Hollywood
- Mr. Walt Smyser, P.E. City Engineer
- Telephone: 954-921-3930

■ ■ **Tropical Memorial Park Track and Field Stadium - Development of an Olympic Certified Track & Multi-Purpose Artificial Turf Sports Field.**

- Client: Miami-Dade Parks, Recreation, and Open Spaces
- Contact Person: Mr. Jose Gonzalez P.E., Project Manager
 - Phone: 305-755-7833
- Served as Project Engineer/ Engineer of Record/ Head Designer.
- Design and Permitting to upgrade the Tropical Park Track and Field Sports Stadium to include a USATF and IAAF Certified Olympic Track & Field Events Area and an NCAA Certified Artificial Turf Sports Multi-Purpose NCAA and High School Association Certified Field for Football, Soccer and Lacrosse with additional site improvements including the Master Stormwater Plan for the Stadium.
- Miami-Dade County, Florida
- Initial Cost Estimate: \$3.4 Million
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: \$192,000
- Change Orders to Design Contract: 0

■ ■ **Miami-Dade Transit Master Bus Route Improvements**

- Reference Project Description: Served as Project Engineer. Design and permitting of over 200 bus shelter additions throughout Miami-Dade County's Bus Transit Route. Scope of work included: the

- modernization of Miami-Dade County's Bus Transit System, including ADA accessibility, bus shelter site selection, drainage improvements, and other Right of Way Improvements,
- Cities of Opa-Locka, Doral, Homestead, North Miami, North Miami Beach, Florida City, El Portal, Miami Lakes, Miami Gardens, Surfside, Medley, and Bay Harbor Islands, Miami-Dade County, Florida
- Initial Cost Estimate: \$2.0 Million
- Number of Change Orders: 10
- Total Value of Change Orders: \$50,000
- Initial Design Fees: \$575,000
- Change Orders to Design Contract: \$50,000
- Client: Miami-Dade Transit
- Mr. Javier Salmon, P.E. Project Manager
- Telephone: 786-473-4710

■ ■ **Pinecrest Gardens ADA Renovation Park Project (IN PROGRESS – END OF DESIGN) – Study of ADA Accessibility throughout the Park's existing pathways and bringing the pathways to compliance with ADA Code**

- Client: Village of Pinecrest
- Contact Person: Mr. David Mendez P.E., Public Works Director
 - Phone: 305-669-6916
- Served as Project Manager/ Engineer of Record/Head Designer.
- Initial Cost: Currently: (In Progress)
- Actual Cost Currently: Construction TBA 2020
- Date of Completion: TBA (Design and Permits)
- Design and Permitting to design the ADA Compatible Pathways of a 20-Acre Botanical Garden Park, Pinecrest, Miami-Dade County, Florida

■ ■ **West (End) Kendall District Regional Park – Design of Infrastructure to serve the Development of Miami-Dade County's next Regional Park.**

- Client: Miami-Dade Parks, Recreation, and Open Spaces
- Contact Person: Ms. Lydia Salas P.E., Project Manager
 - Phone: 305-984-9023
- Served as Project Manager/ Engineer of Record/Head Designer.
- Design and Permitting to design the complete site infrastructure of a 155-Acre Regional Park, including the Master Stormwater Plan to serve the entire park buildings, sport fields, running tracks and all other facilities which included a 22 Acre Lake specially designed and coordinated with the State, County and FAA since the site is designed adjacent to Kendall-Tamiami Executive Airport.
- Miami-Dade County, Florida
- Initial Cost Estimate: \$1.2 Million for Lake Excavation Project
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: \$150,000
- Change Orders to Design Contract: 0

■ ■ **Opa-Locka Airport MDC Fire Rescue Helipad Station #25**

- Reference Project Description: Served as Project Engineer. Design and Permitting of site, paving, grading, and drainage for the development of a Helipad, Associated hangar, and driveway connection within Basin 220 of the Opa-Locka Master Drainage Plan located within the Opa-Locka Airport Property. Scope required an engineering study of the Opa-Locka Airport Drainage Master Plan Basin 220 As-Builts and Calculations to provide site modifications without causing negative impacts on the Airport's Drainage System.
- Miami-Dade County, Florida
- Initial Cost Estimate: \$450,000
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: \$3,5000
- Change Orders to Design Contract: 0

- Client and Project Manager: Angel H. Lamela
- Miami Dade Fire Rescue Department
- 786-331-4502 office
- 305 799-7889 cell

■ ■ **Kendall-Tamiami Executive Airport – Design of 2 Airplane Hangars and Taxiways with Associated Infrastructure.**

- Reference Project Description: Served as Project Engineer. Design and Permitting of site, paving, grading, and drainage for the development of a 2, 5,000 SF Airplane Hangars with associated driveway connection, Utility Design (water sanitary sewer and drainage) within the Tamiami Airport Property. Scope required an engineering study of the Tamiami Airport Drainage Master Plan As-Builts and Calculations to provide site modifications.
- Miami-Dade County, Florida
- Initial Cost Estimate: \$1.2 Million per Hangar
- Number of Change Orders: 2 (Leed Certification and Bringing Structural up to Current Code)
- Total Value of Change Orders: \$45,000
- Initial Design Fees: \$300,000
- Change Orders to Design Contract: \$45,000

- Client: Miami-Dade Aviation Department
- **Jose Luis Rodriguez, MS, PE**, Engineer 4
- 305-876-7127 Phone
- jlrodriguez@miami-airport.com
- www.miami-airport.com

■ ■ **Starwoods: Tribute/Element Hotel**

- Served as Project Engineer. Designed a Storm Drainage System including a Deep Injection Well System to serve as the Master Storm Drainage Facility serving the Hotel Property. Additionally, designed Water, Fire, Irrigation Water Infrastructure and Sanitary Sewer Collection Facility to Serve the Hotel. The Project included the design a 1,500 Linear Foot Watermain extension and direct improvements to the Water Treatment Plant serving the facility to attain the additional water capacity.
- Ft. Lauderdale, Broward, Florida
- Initial Cost Estimate: \$35 Million
- Number of Change Orders: Multiple (Based on Contractor not building to Plans)
- Total Value of Change Orders: Not sure Client will be responsible for These change orders (Around 150k+ in infrastructure)
- Initial Design Fees: \$55,000
- Change Orders to Design Contract: \$22,000 (Watermain Extension required based research acquired after design contract).

- Owner Representative: Mr. Sal Farruggia
- Dovehill Investment & Development
- Telephone: 856-236-8576
- Email: sal@dovehillcos.com

■ ■ **North Miami Bus Shelter and Bus Hub**

- Design and Permitting of bus stop improvements for ADA compatibility on over 26 bus shelter sites within the City of North Miami plus the construction of the North Miami Bus Hub by City Hall.
- North Miami, Miami-Dade, Florida
- Initial Cost Estimate: \$350,000
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: \$75,000
- Change Orders to Design Contract: 0
- Client: Miami-Dade Transit
- Mr. Javier Salmon, P.E. Project Manager

- Telephone: 786-473-4710

■ ■ **Armani Sales Center / Clubhouse Building**

- Design, modeling, and permitting of site, drainage, and utilities for a \$9 Million Luxury Modern Sales Center to service the Armani Condominium Luxury Tower. Designed a Storm Drainage System including a Deep Injection Well System to serve as the Master Storm Drainage Facility serving the Building. Additionally, designed Water, Fire, Irrigation Water Infrastructure and Sanitary Sewer Collection Facility to Serve the Property. All Utility Connections required major improvements, MOT , and direct coordination with FDOT.
- Sunny Isles Beach, Miami-Dade, Florida
- Initial Cost Estimate: \$5.5 Million
- Number of Change Orders: 10 (Client Building Finishes Requests)
- Total Value of Change Orders: \$3.5 Million
- Initial Design Fees: \$55,000
- Change Orders to Design Contract: \$25,000
- Ms. Dulce Conde – Project Architect,
- SD Collaborative Architects,
- Telephone: 305-522-4907
- Email: d@sdcollaborative.com

LEAK DETECTION STUDIES

■ ■ **Miami-Dade County Youth-Fair and Exposition - Sanitary Sewer Evaluation**

- Client: Miami-Dade Parks, Recreation, and Open Spaces
- Contact Person: Mr. Julio Ramos, Project Manager
 - Phone: 305-773-4189
- Reference Project Description: Served as Project Engineer. Study, detailed analysis, and rehabilitation of the existing fairground's 40-year old sanitary sewer system including over 5-Miles of pipe, pump station, sewer laterals, mains, manholes, and cleanouts.
- Miami-Dade County, Florida
- Initial Cost Estimate: \$250,000
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: \$55,000
- Change Orders to Design Contract: 0

■ ■ **41 East Flagler Downtown Building - Sanitary Sewer Evaluation**

- Reference Project Description: Served as Project Engineer. Study, detailed analysis, and rehabilitation of the existing 100-year-old sanitary sewer system including underground basement, sewer laterals, mains, manholes, and cleanouts.
- Jose Norberto Saal , Client Representative
- TIR Prime Properties Corporation by Saal Trust Group
- Office: 305-944-5900 | Cell: 305-999-3327
- Miami-Dade County, Florida

- Initial Cost Estimate: \$110,000
- Number of Change Orders: 0
- Total Value of Change Orders: \$0
- Initial Design Fees: \$7,500
- Change Orders to Design Contract: 0

■ ■ **62 NE 1st street Downtown Building - Sanitary Sewer Evaluation**

- Client: Miami-Dade Parks, Recreation, and Open Spaces
- Reference Project Description: Served as Project Engineer. Study, detailed analysis, and rehabilitation of the existing 100-year-old sanitary sewer system including underground basement, sewer laterals, mains, manholes, and cleanouts.
- Miami-Dade County, Florida

- Jose Norberto Saal , Client Representative
- TIR Prime Properties Corporation by Saal Trust Group
- Off: 305-944-5900 | Cell: 305-999-3327
- Initial Cost Estimate: \$110,000
- Number of Change Orders: 0
- Total Value of Change Orders: \$0
- Initial Design Fees: \$7,500
- Change Orders to Design Contract: 0

■ ■ **Monsignor Pace High School - Sanitary Sewer Evaluation**

- Client: Archdiocese of Miami
- Contact Person: Mr. Julio Ramos, Facilities Manager
 - Phone: 305-773-4189
- Reference Project Description: Served as Project Engineer. Study, detailed analysis, and rehabilitation of the existing High School 40-year old sanitary sewer system including over 5-Miles of pipe, pump station, sewer laterals, mains, manholes, and cleanouts.
- Miami-Dade County, Florida
- Initial Cost Estimate: \$25,000
- Number of Change Orders: 1
- Total Value of Change Orders: \$5,000
- Initial Design Fees: \$7,500
- Change Orders to Design Contract: 0

■ ■ **Grove Isle - Sanitary Sewer Evaluation**

- Client: Miami-Dade Parks, Recreation, and Open Spaces
- Contact Person: Mr. Calixto Rodriguez, Property Manager Manager
 - Phone: 305-858-1207
- Reference Project Description: Served as Project Engineer. Study, detailed analysis, and rehabilitation of the sanitary sewer system including over 3-Miles of pipe, pump station, sewer laterals, mains, manholes, and cleanouts serving 4 mixed-use Residential Multi-family buildings within an island off the coast of Coconut Grove.
- Miami-Dade County, Florida
- Initial Cost Estimate: \$25,000
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: \$10,000
- Change Orders to Design Contract: 0

PERMIT REVIEW

■ ■ **Zoo Miami Florida Exhibit & Park Entrance - Value Analysis Study**

- Reference Project Description: Served as Project Engineer. Complete Value Engineering Analysis and Design Review of Proposed Renovation of Zoo Miami.
- Owner: Miami-Dade Parks and Recreation
- Contact Person: Mr. Ricardo J. Fernandez, Project Architect
 - email: RJF@mail.indigoservice.com
 - phone: 305-305-6906
- Miami-Dade County, Florida
- Initial Cost Estimate: \$4.5 Million
- Number of Change Orders: 3
- Total Value of Change Orders: Saved Client over \$250,000
- Initial Design Fees: \$10,000
- Change Orders to Design Contract: 0

■ ■ **Ansonia Hotel - Plan and Cost Analysis and Building Inspections**

- Engineering Study and detailed analyses of all Construction Documents for the re-development of a 3-story, 20 Room Historical Hotel. The Study included a review of all disciplines of the Construction

- Plans, Design Contracts, Contractor Contracts, as well as a Cost review of the development and comparison to local market costs. Monthly Building Inspections were provided.
- Owner: Think Properties / DQM Corp.
- Contact Person: Mr. Yair Daikel
 - email: yair@thinkproperties.com
- Miami Beach Miami-Dade County, Florida
- Initial Cost Estimate: \$10 Million
- Number of Change Orders: 5 (Client Building Finishes Requests)
- Total Value of Change Orders: \$5 Million
- Initial Design Fees: \$55,000
- Change Orders to Design Contract: 0

■ ■ **The Clinton Hotel - Plan and Cost Analysis and Building Inspections**

- Engineering Study and detailed analyses of all Construction Documents for the re-development of a 4-story, 45 Room Historical Hotel. The Study included a review of all disciplines of the Construction Plans, Design Contracts, Contractor Contracts, as well as a Cost review of the development and comparison to local market costs. Monthly Building Inspections were provided.
- Owner: Think Properties / DQM Corp.
- Contact Person: Mr. Yair Daikel
 - email: yair@thinkproperties.com
- Miami Beach Miami-Dade County, Florida
- Initial Cost Estimate: \$5 Million
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: \$35,000
- Change Orders to Design Contract: 0

■ ■ **Karanda I Village Reserve Study & Engineering Estimates**

- Engineering Estimates for a 30-Acre Residential Subdivision's master improvement and rehabilitation plan
- Owner: Karanda Village 1 Homeowner Association
- Contact Person: Ms. TJ Mallet, Association President
 - email: TJMallet@mail.com
- Coconut Creek, Broward, Florida
- Initial Cost Estimate: \$100,00
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: 100,000
- Change Orders to Design Contract: 0

■ ■ **Miami International Airport - Westside Fuel Tender Facilities**

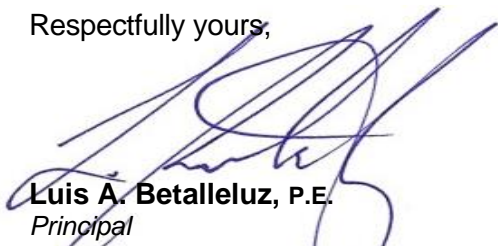
- Quantity Take-off Plans Review on behalf of the Contractor for the Construction of the Westside Fueling Facilities with associated parking, access roads, utilities and other infrastructure at Miami International Airport. Served as the Office Engineer throughout the Construction of the project.
- Owner: Miami-Dade County Aviation Department
- Contact Person: Mr. Brian Johnson, P.E.,
 - email: rbjohnson@hntb.com
- Miami-Dade County, Florida
- Initial Cost Estimate: \$4 Million
- Number of Change Orders: 0
- Total Value of Change Orders: 0
- Initial Design Fees: \$250,000
- Change Orders to Design Contract: 0

**THE BETAJONES GROUP
STATEMENT OF NO LITIGATION**

The BetaJones has never been involved in any litigation from its inception in August 21, 2006.

Based upon the addressed information, herein; please advise if you have any questions or if you require additional information.

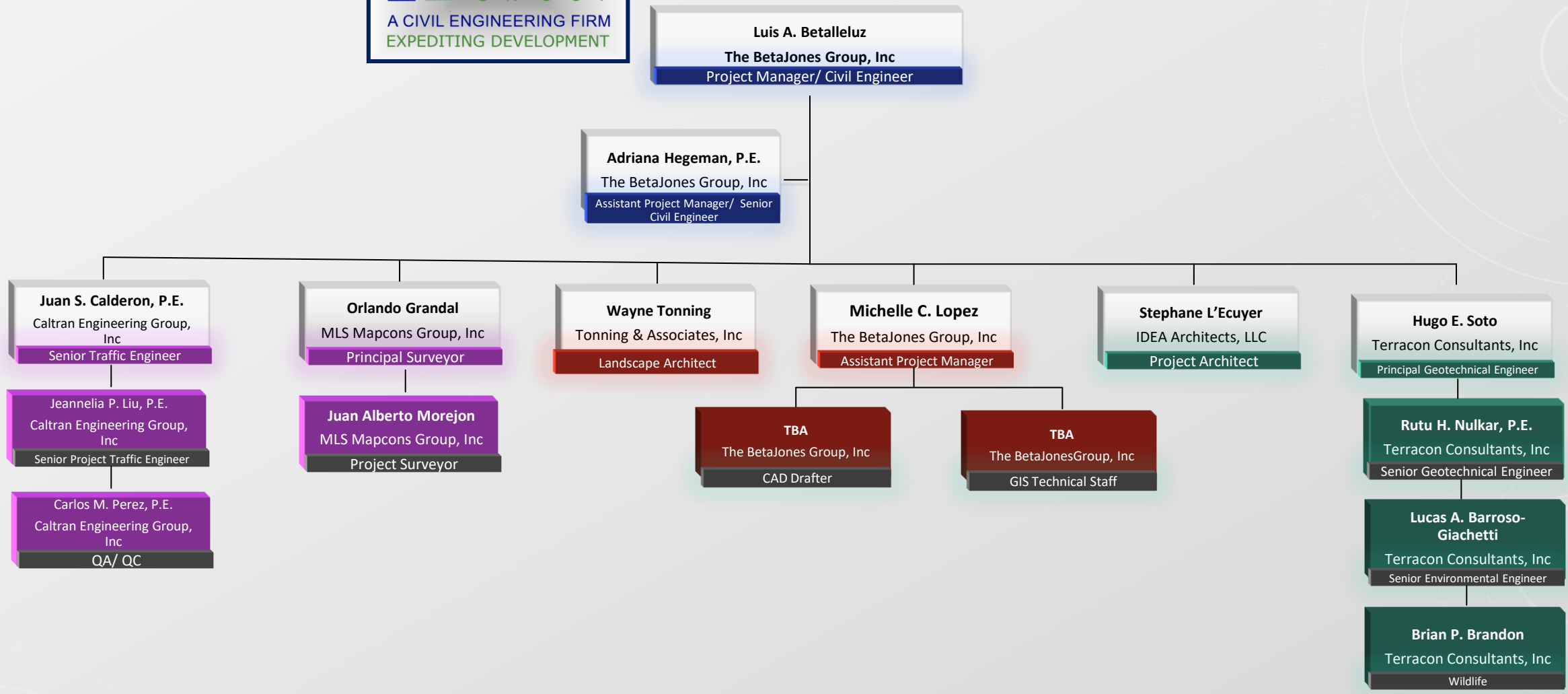
Respectfully yours,



Luis A. Betalleluz, P.E.
Principal
business line: 786.284.8828
direct phone: 786.564.6276
fax (toll free): 866.312.8730
email: Luis@betajones.com



ORGANIZATIONAL TEAM CHART



Luis A. Betalleluz, P.E., LEED A.P.

Principal / Project Manager / Senior Civil Engineer

Graduate of the University of Florida's College of Engineering and President of The BetaJones Group, Mr. Betalleluz provides leadership, professional business ethic, as well as technical expertise in managing, designing, permitting, coordinating, inspecting, and reviewing Civil Engineering Projects. He is a former the Chair of the Builders Association of South Florida's Green Building Council and Environmental Code Committees; and a member of the American Society of Civil Engineers, Builders Association of North Central Florida, American Water Resources Association, Environment and Water Resources Institute, and Transportation and Development Institute. In 2009 and 2010 Mr. Betalleluz was selected by the National Home Builders Association to Judge the best communities built in Florida at the Florida Parade of Homes. In his early profession, Mr. Betalleluz worked for the **White House** Advance Team under President William Jefferson Clinton.

Mr. Betalleluz's civil engineering experience expands across the state of Florida and the Caribbean in both the public and private sectors. His areas of expertise include: project management, comprehensive permitting, site planning, stormwater management facility design, utility transmission system design, grading plan design, hydraulic studies, and LEED certification. His experience includes the planning and design of hydrologic restoration, mitigation projects, new development, renovations, commercial, residential, industrial, and municipal sites. He has performed site-civil services on major projects such as: large residential subdivisions, residential condominiums/buildings, site rehabilitation, commercial centers, industrial parks, mixed-use sites, college campus additions, and roadways.

Mr. Betalleluz also brings specialized services such as extensive experience in the FDEP NPDES Program for Industrial and Construction Activities. Additional expertise in erosion & sedimentation control design & inspection, including Stormwater Pollution Prevention Plans (SWPPP), Cost-Benefit analyses, and construction estimates.

PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

- ■ Florida Registered Professional Engineer # 65892
- ■ LEED Accredited Professional – New Construction – USGBC
- ■ AdICPR Stormwater Modeling - Advanced Training Program Certification
- ■ Certified NPDES Erosion Control Mgmt. Inspector – FDEP
- ■ Certified for Maintenance of Traffic (MOT) Plan Design - ATSSA
- ■ Certified in Sales Engineering – University of Florida

EDUCATION

- ■ B.S. Civil Engineering – University of Florida
- ■ Minor in Business Administration – University of Florida

PROFESSIONAL EXPERIENCE

- ■ The BetaJones Group, Inc. –Miami, Florida - Present
 - President
- ■ Langan Engineering and Environmental Services - Miami, Florida - Past
 - Site-Civil Engineering Department Manager - Miami Office
- ■ Water & Air Research, Inc. - Gainesville, Florida - Past
 - Civil/Land Development Engineer
 - Engineer Technician
- ■ Peter Kiewit Sons' Inc./ Gilbert Southern Corp. - Ft. Lauderdale, Florida - Past
 - Civil Engineer

PROFESSIONAL SERVICE AREAS

- ■ **Site Plan Design**
 - Property Condition Assessments
 - Due Diligence
 - Conceptual Layout
 - Final Site Plan
- ■ **Site-Civil Engineering Design & Permitting**
 - Green Building Design
 - Stormwater Management Facilities
 - Paving, Grading, and Drainage
 - Utility Transmission Systems
 - Maintenance of Traffic (MOT) Design
 - Waste Management Master Plans
- ■ **Erosion and Sedimentation Control Plans**
 - NPDES permitting and inspections
 - Stormwater Pollution Prevention Plans
 - Industrial activity control reports
 - Construction activity reports
- ■ **Floodplain Studies**
 - Floodplain limit analysis
 - F.E.M.A. Floodplain Certifications
- ■ **Construction Engineering Administration**
 - Construction Estimates
 - Cost-Benefit Analysis
 - As-Built Certifications
- ■ **Hydrologic Restoration**
 - Historical site analysis
 - Watershed delineation
 - Groundwater Modeling
 - Mitigation Planning and Design
- ■ **Structural Design and Analysis**
- ■ **LEED Accredited Professional**
- ■ **Design-Build**

RELATED PROJECT EXPERIENCE

- ■ **Mc Fatter Technical School Improvements**
 - Site Fire Suppression System Modernization to Old School Buildings
 - Davie, Broward County, Florida
- ■ **Dillard High School Improvements**
 - Site Fire Suppression System Modernization to Old School Buildings
 - Ft. Lauderdale, Broward, Florida
- ■ **Plantation Middle School Improvements**
 - Site Fire Suppression System Modernization to Old School Buildings
 - Plantation, Broward County, Florida
- ■ **Tedder Elementary School Improvements**
 - Site Fire Suppression System Modernization to Old School Buildings
 - Deerfield Beach, Broward, Florida
- ■ **Miami-Dade Transit Busway Improvements**
 - Design and Permitting of bus stop improvements for ADA compability on over 200 bus shelter sites in 12 different Municipalities in Miami-Dade.
 - Doral, Homestead, North Miami, North Miami Beach, Florida City, El Portal, Miami Lakes, Miami Gardens, Surfside, Medley, Opa-Locka, Bay Harbor Islands, Miami-Dade, Florida
- ■ **Zoo Miami Florida Exhibit & Park Entrance**
 - Complete Value Engineering Analysis and Design Review of Proposed Renovation of Zoo Miami.
 - Miami, Miami-Dade County, Florida
- ■ **I-95 & Pembroke Road Pump Station**
 - Design-Build of 2.5 mile master drainage pipeline and pump station project, including micro tunneling under I-95, trenching and boring under major arterial roadways.
 - Hallandale + Pembroke + Hollywood, Broward County, Florida
- ■ **Miami-Dade County Youth-Fair and Exposition - Sanitary Sewer Evaluation**
 - Engineering Study, detailed analysis, and rehabilitation of the existing fairground's 40-year old sanitary sewer system including over 5-Miles of pipe, pump station, sewer laterals, mains, manholes, and cleanouts.
 - Miami-Dade County, Florida
- ■ **Opa Locka Airport - Fire-Rescue Heliport**
 - Design, modeling, and permitting of the Miami-Dade County's Fire Rescue Station No. 25 Heliport with associated infrastructure within the Opa-Locka Airport.
 - Miami-Dade County, Florida
- ■ **West Kendall District Park - Phase 1**
 - Prime Consultant: Master Plan and engineering design for the development of 155 Acres of existing agricultural land into a new state of the art Park and Recreational Facility.
 - Miami-Dade County, Florida
 -

ADDITIONAL PROJECT EXPERIENCE

■ ■ Miami Beach, Bay Road Drainage Improvements

- Design and permitting for the design-build of a roadway and major drainage improvements project throughout Bay Road. Including stormwater planning, adoption of a Master Drainage Plan with the ICPR modeling program.
- Miami Beach, Miami-Dade County, Florida

■ ■ Tropical Park Track and Field Stadium

- Design and Permitting to upgrade the Tropical Park Track and Field Sports Stadium to include a USATF and IAAF Certified Olympic Track & Field Events Area and an NCAA Certified Artificial Turf Sports Field for Football, Soccer and Lacrosse with additional site improvements.
- Miami-Dade County, Florida

■ ■ North Glade Park Community Center

- Civil and Structural Design and Permitting of an 4 Acre MDPROS Park Improvement Project in Carol City. Improvements include the modernization of the Park Clubhouse, design of the park basketball courts, parking, drainage, and other infrastructure improvements throughout the park.
- **Silver LEED Certification** – Goal
- Miami-Dade County, Florida

■ ■ Live Like Bella Park

- Civil and Structural Design and Permitting of an 8.6 Acre MDPROS Park Improvement Project near Homestead. Improvements include the modernization of the Park Clubhouse, covered loggia, additional clubhouse building, and site infrastructure improvements throughout the park.
- **Silver LEED Certification** – Goal
- Miami-Dade County, Florida

■ ■ MIA Fumigation Facility

- Design, modeling, and permitting of site, parking, and utility improvements for a proposed Miami International Airport fumigation storage facility located at the SW corner of the MIA property.
- Miami-Dade County, Florida

■ ■ Miami Free Zone Expansion

- Design, modeling, and permitting of site addition, drainage, and utility improvements, including a 7-Story Parking Garage, Office Building, and parking lot redesign to accommodate standard and oversized vehicle capacity on a 32- Acre Warehouse Secured Site.
- Doral, Miami-Dade, Florida

■ ■ North Miami Bus Shelter and Bus Hub

- Design and Permitting of bus stop improvements for ADA compability on over 26 bus shelter sites within the City of North Miami plus the construction of the North Miami Bus Hub by City Hall.
- North Miami, Miami-Dade, Florida

■ ■ Seminole - Big Cypress Cemetery

- Site improvements and hydrological study for a cemetery expansion, design, modeling, and permitting of site, drainage, and utilities for the Seminole Tribe of Florida.
- Hendry County, Florida

■ ■ Homestead Air Force Base Armory Expansion

- Site Improvements, including drainage renovations and utility upgrades of an existing Military Building for the Department of Military Affairs
- Miami, Miami-Dade County, Florida

■ ■ SJRCC Performing Arts Center

- Design, modeling, and permitting of site, drainage, and utilities St. John River Community College Arts Center
- Middleburg, Clay County, Florida

■ ■ Biscayne Gardens Elementary

- School Renovation Project
- Design, modeling, and permitting of infrastructure improvements for school.
- North Miami, Miami-Dade, Florida

■ ■ Goodwill Industrial Laundry Facility

- Design, permitting, and construction management of an industrial water well system, gravity and pressured sewer systems to serve a major industrial laundry facility.
- Miami-Dade County, Florida

- ■ **Border Patrol Detainee Center**
 - Design, modeling, and permitting of site, drainage, and utilities for the Department of Homeland Security on a 4.3 acre wetland. Project included major drainage design and permitting with the U.S. Corps of Engineers.
 - NPDES Construction Activity Report
 - Stormwater Pollution Prevention Plan
 - Dania Beach, Broward County, Florida

- ■ **Department of Military Affairs Miramar Military Base Training Facilities**
 - Design and permitting of military training building addition including site, utility, and, drainage improvements. Permitting through the Department of Military Affairs, City of Miramar, Broward County, Florida

- ■ **Seminole Tribe - Hollywood Security Access**
 - Design of new security perimeter, including gates, fencing, barriers, and guard houses in the residential area of the reservation.
 - Hollywood Seminole Indian Reservation, Broward County, Florida

- ■ **Rio Fajardo (Fajardo River) Mitigation Plan**
 - Hydraulic Study, Mangrove Restoration, Plan for a 85-Acre site near Punta Fajardo, Puerto Rico.
 - Designed and permitted for the U.S. Army Corps of Engineers

- ■ **Seminole Native Learning Center**
 - Building conversion and site re-development, design, modeling, and permitting of site, parking, drainage, and utilities of an existing commercial bldg. for The Seminole Tribe of Florida
 - **Gold LEED Certification** – in progress
 - Hollywood, Broward County, Florida

- ■ **Seminole - Big Cypress Family Services**
 - Design of parking lot, utility, stormwater system, and grading improvements for Foster Care Facility.
 - Big Cypress Seminole Indian Reservation

- ■ **Florida Fish & Wildlife CC - Royce Unit**
 - 2,700 Acre Hydrologic Study and Hydraulic Restoration Project
 - Highlands County, Florida

- ■ **Seminole Tribe - Ft. Pierce Security Access**
 - Design of new security perimeter, including gates, fencing, barriers, and guard houses in the residential area of the reservation.
 - Ft. Pierce, St. Lucie County, Florida

- ■ **Miami Cargo Park**
 - Design, modeling, and permitting of site parking additions, drainage, and utility improvements, including implementation of sustainable products such as permeable asphalt design for a 23-acre, 600,000 SF, Warehouse and UPS distribution Facility.
 - Doral, Miami-Dade County, Florida

- ■ **Robert M. Ballad Armory Expansion**
 - Site Improvements, including drainage renovations and utility upgrades of an existing Military Building for the Department of Military Affairs
 - Miami, Miami-Dade County, Florida

- ■ **Haile Plantation Historical Estate**
 - Design, modeling, and permitting of site improvements, drainage, and utilities for the 20-acre project. Included the design of museum parking areas, gift shop building with associated infrastructure and drainage repairs for the historical site..
 - Kanapaha, Alahua County, Florida

- ■ **Ensenada Condominiums - 40-Year Recertification Project**
 - Professional Engineering Inspections, Design Improvements, and Construction Administration of the Structural and life Safety Systems of 2-40-Year old, 8-story buildings with 276 unit res. community on an 8-Acre Site
 - Aventura, Miami-Dade, Florida

- ■ **Marina Del Ray Homes**
 - Design, modeling, and permitting of site, accessibility, drainage, and utilities for a 100-Unit Multi-Family Subdivision, 55+ Community
 - Beverly Hills, Citrus County, Florida

- ■ **Promenade at Coconut Creek**
 - Design, modeling, and permitting of site, drainage, and utilities for a Mainstreet Development Mix-use condo, office, and retail lifestyle center
 - **LEED Certification**
 - Coconut Creek, Broward, Florida

- ■ **Zoo Miami Amphitheatre**
 - Renovation of site, drainage, and utilities Zoo main amphitheatre
 - Miami-Dade County, Florida
- ■ **Santa Maria Golf and Country Club**
 - 700-acre Mixed-Use Project including Retail Center, High and Low Density Residential Areas, Country Club, Banquet Hall, and Jack Nicklaus Signature Golf Course.
 - Panama City, Panama
- ■ **Karanda I Village Foundation Stabilization**
 - Design and Permitting of Erosion and Sedimentation Control and Foundation Stabilization for a 30-Acre Residential Subdivision.
 - Coconut Creek, Broward, Florida
- ■ **Golden Lakes Village Association - Roofing Rehabilitation Project**
 - Design of Roofing Rehabilitation for a 315-acre, 182 multi-family townhome residential subdivision. Including detailed engineering specifications, evaluations and final certification.
 - West Palm Beach, Palm Beach County, Florida
- ■ **Alhambra West – LEED Certification**
 - Production of a Waste Management Master Plan of a 14-story office building to acquire Gold Certification through the Leadership in Energy and Environmental Design (LEED) Green Building Rating System as set forth by the United States Green Building Council (USGBC)
 - **Gold LEED Certification**
 - Coral Gables, Miami-Dade County, Florida
- ■ **Karanda I Village Site Rehabilitation**
 - Design and Permitting of Asphalt Rehabilitation improvements for a 30-Acre Residential Subdivision
 - Coconut Creek, Broward, Florida
- ■ **Pinto-Castro Land Development Study**
 - Engineering property assessment to assist the client in the land development, property selection process. The study focused on the current property parameters, constrains, and the feasibility of future development of several properties.
 - Miami-Dade County, Florida
- ■ **Dollar General Franchise Store**
 - Design, modeling, and permitting of site, drainage, and utilities
 - Levy County, Florida
- ■ **Karanda I Village Reserve Study & Engineering Estimates**
 - Engineering Estimates for a 30-Acre Residential Subdivision's master improvement and rehabilitation plan
 - Coconut Creek, Broward, Florida
- ■ **Southern Mills Business Park**
 - NPDES Construction Activity Report
 - Stormwater Pollution Prevention Plan
 - Palm Beach County, Florida
- ■ **Wachovia Center-Tampa–LEED Certification**
 - Production of a Waste Management Master Plan of a 22-story office building with associated parking garage to acquire Gold Certification through the Leadership in Energy and Environmental Design (LEED) Green Building Rating System as set forth by the United States Green Building Council (USGBC)
 - **Gold LEED Certification** – in progress
 - Tampa, Hillsborough County, Florida
- ■ **Deering Bay Country Club (www.dbycc.com)**
 - 70-acre Golf Course Redesign Project and conversion into an Arnold Palmer Signature Course.
 - Coral Gables, Miami-Dade, Florida
- ■ **Alhambra Plaza – LEED Certification**
 - Production of a Waste Management Master Plan of a 14-story office building to acquire Gold Certification through the Leadership in Energy and Environmental Design (LEED) Green Building Rating System as set forth by the United States Green Building Council (USGBC)
 - **Gold LEED Certification** – in progress
 - Coral Gables, Miami-Dade County, Florida
- ■ **Neuhut Commercial Property**
 - Building Additions & Improvement Project
 - Bay Harbor Islands, Miami-Dade, Florida

- ■ **Montclair Oaks Multi-Family Subdivision**
 - Design, modeling, and permitting of site, drainage, and utilities for a 100-Unit Multi-Family Subdivision
 - Lake County, Florida
- ■ **Avila Condominium Capital Improvements**
 - Design, modeling, and permitting of site, parking, drainage, and sewer to rehabilitate a 40-year old, 4, 4-story buildings, 360 unit residential 55+ community on a 10-acre site.
 - Sunny Isles Beach, Miami-Dade, Florida
- ■ **Kanapaha Station**
 - Design, modeling, and permitting of site, drainage, and utilities for a 3-Acre Strip Mall
 - NPDES Construction Activity Report
 - Alachua County, Florida
- ■ **Datran Center 1 and 2 – LEED Certification**
 - Production of a Waste Management Master Plan of 2- 21-story office buildings to acquire Gold Certification through the Leadership in Energy and Environmental Design (LEED) Green Building Rating System as set forth by the United States Green Building Council (USGBC)
 - **Gold LEED Certification** – in progress
 - Miami-Dade County, Florida
- ■ **450 Las Olas Blvd. - LEED Certification**
 - Production of a Water Management Master Plan of an 15-story mix-use office-residential-retail building to acquire Gold Certification through the Leadership in Energy and Environmental Design (LEED) Green Building Rating System as set forth by the United States Green Building Council (USGBC)
 - **Gold LEED Certification**
 - Miami, Miami-Dade County, Florida
- ■ **MIA Midfield Phase III**
 - Worked on the master takeoff which included pavement rehabilitation, construction of utilities (water, sewer, and drainage), demolition of buildings, clearing & grubbing, and removal of miscellaneous items (airport lights, , bldg. equipment, etc). Served as estimating engineer.
 - Miami-Dade County, Florida
- ■ **The Columbus Center – LEED Certification**
 - Production of a Waste Management Master Plan of a 14-story office building on a 3-acre site to acquire Gold Certification through the Leadership in Energy and Environmental Design (LEED) Green Building Rating System as set forth by the United States Green Building Council (USGBC)
 - **Gold LEED Certification** – in progress
 - Coral Gables, Miami-Dade County, Florida
- ■ **350 Las Olas Blvd. - LEED Certification**
 - Production of a Water Management Master Plan of an 18-story mix-use office-residential-retail building to acquire Gold Certification through the Leadership in Energy and Environmental Design (LEED) Green Building Rating System as set forth by the United States Green Building Council (USGBC)
 - **Gold LEED Certification**
 - Miami, Miami-Dade County, Florida
- ■ **GMAIR Warehouse - Engineering Study**
 - Comprehensive engineering analysis of an industrial office/warehouse. Including coordination with regulatory agencies to assist in large scale code compliance improvements and building rehabilitation.
 - Doral, Miami-Dade County, Florida
- ■ **26 Star Island Residency - Interior and Exterior Railing Systems**
 - Structural design, certification and permitting of a luxury hand rail system and gated entrance for a high-end residential estate.
 - Star Island, Miami Beach, Miami-Dade County, Florida
- ■ **1 Brickell Square – LEED Certification**
 - Production of a Waste Management Master Plan of a 26-story office building to acquire Gold Certification through the Leadership in Energy and Environmental Design (LEED) Green Building Rating System as set forth by the United States Green Building Council (USGBC)
 - **Gold LEED Certification** – in progress
 - Miami, Miami-Dade County, Florida

- ■ **Pinto Castro Ranch Development Project**
 - Design and permitting of water and sewer utilities for a 15-acre agricultural site and farmers market including a potable water well, primary and secondary septic treatment units.
 - Miami-Dade County, Florida

- ■ **Isaia Property Drainage Improvements**
 - Design and permitting of a stormwater management system and landscape irrigation system. Including design of a stormwater drainage well, design of a cistern, and associated infrastructure for irrigation purposes.
 - Coconut Grove, Miami-Dade County, Florida

- ■ **The Sheldon Hotel – Property Conditions Assessment Report**
 - Engineering Site and Structural Assessment of an existing 1943 beachfront hotel along the Hollywood Beach historic boardwalk, including the identification of ADA updates and community connectivity improvements
 - Hollywood Beach, Broward County, Florida

- ■ **280 South Parkway - Seawall Inspections**
 - Site Investigation and production of a detailed engineering report on the conditions of an existing inter-coastal seawall. Including, historical permitting information, seawall component conditions and repair work recommendations
 - Golden Beach, Miami-Dade County, Florida

- ■ **Dezer/Trump Development Group - Exotic Car Museum Property Conditions Assessment Report**
 - Engineering Site and Structural Assessment of an existing abandoned gas station for site conversion into car museum, including the identification of development and improvement options
 - North Miami Beach, Miami-Dade County, Florida

- ■ **Cycle World Office/Retail Site Renovation**
 - Building conversion from a church to office and retail and site re-development, design, and permitting of site, parking, drainage, and utilities of an existing commercial bldg.

- Miami-Dade County, Florida

- ■ **NW Industrial Properties - Site Improvements**
 - Design and permitting of a recycled asphalt and gravel parking area in the vicinity of a designated contaminated zone. Including production of a stormwater management system and associated infrastructure.
 - Miami-Dade County, Florida

- ■ **APAC Asphalt SE Plant**
 - NPDES Industrial Activity Report
 - NPDES Construction Activity Report
 - Stormwater Pollution Prevention Plan
 - Gainesville, Alachua County, Florida

- ■ **Kendall-Tamiami Airport Hangars**
 - Design and Construction of 2 extra large hangars with driveway, taxiway, reinforced foundation design, with associated parking, utilities, and other infrastructure at Kendall-Tamiami Executive Airport. Served as Project Engineer throughout the Design and Construction of the project.
 - Silver LEED Certification
 - Miami-Dade County, Florida

- ■ **Wynwood Neighborhood Service Center**
 - Government Building site renovation and neighborhood re-development, design, modeling, and permitting of site, accessibility, parking, drainage, community connectivity and utilities for the expansion of Miami's Design District
 - **Silver LEED Certification** – Goal
 - Miami, Miami-Dade County, Florida

- ■ **O'Riley Stores - Sanitary Sewer Evaluation**
 - Engineering Study, detailed analysis, and rehabilitation of an existing commercial property's sanitary sewer system including pump station, and cleanouts.
 - Miami-Dade County, Florida

- ■ **MIA Westside Fuel Tender Facilities**
 - Construction of the Westside Fueling Facilities with associated parking, access roads, utilities and other infrastructure at Miami International Airport. Served as the Office Engineer throughout the Construction of the project.
 - Miami-Dade County, Florida

- ■ **Santa Fe Community College – Pond A**
 - Design and Permitting of 20-Acre Master Stormwater Plan.
 - NPDES Construction Activity Report
 - Stormwater Pollution Prevention Plan
 - Gainesville, Alachua County, Florida



**JUAN S. CALDERON, P.E.,
PTOE, PTP, RSP
Senior Engineer**

Education/Training:

Master of Science in Civil Engineering; Florida International University, Miami 1999

Bachelor of Science in Civil Engineering; University Santo Tomas, Bogota, Colombia, 1997

Years of Experience:

Total 20 years
2011-Present - CALTRAN
2006-2011 - FTE
1999-2006 - other firms

Registration:

Professional Engineer in Florida No. 58569, 2002 | Professional Traffic Operations Engineer No. 1301, 2004 | Professional Transportation Planner No. 20, 2007

Proficiencies:

Project Management | Traffic & Safety Engineering | Planning Engineering | Traffic, Highway & Transit Data Collection | Traffic & Transit Analysis | Roadway Design Platforms | GIS | Simulation

Office Location

Miami, FL

Professional Experience

Mr. Calderon has over 20 years of experience in traffic/ transportation engineering with a Master Degree in Civil Engineering. Mr. Calderon has been involved in managing multiple traffics and planning engineering projects with the Florida Department of Transportation (FDOT) by providing direct support in traffic and safety projects for Districts 4 and District 6.

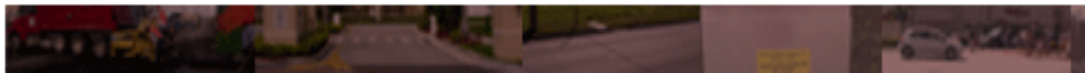
Within FDOT related contracts, he has participated actively in preliminary engineering reports, design projects, planning, development of alternatives, conceptual designs, corridor studies, simulation, GIS, as well as, managing or directing projects that encompassed traffic impact studies, traffic circulation, PD&E, modeling, and traffic forecasting signalization, scoping reports and safety countermeasures. In regards to FDOT D6 planning projects he has participated in tasks involving the EPMP program, freight planning projects, highway and traffic data collection, functional classification/governmental jurisdictions, scoping reports, traffic operation analysis and modeling, and public involvement.

Key Projects

Iron Triangle (2016-2018) - This project intends to provide alternatives for improvements at the interchange of SR 112/LeJeune Road/Okeechobee Road. As part of the tasks assigned includes evaluation of existing conditions, traffic data collection including big data evaluation for origin-destinations (HERE, Bluetooth and Streetlight), operational analysis microsimulation model development, provide documentation for the Design Traffic Technical Memorandum (DTTM). Conceptual improvements assessment for Tier 1 and Tier 2 including long and short term improvements; Provide final recommendations, assist in cost estimates and support in public involvement. *Contact: Ana Elias/Jacobs, (954)246-1243.*

FDOT D6, Transportation Statistics Support No. 1 & 3 (2011-Ongoing) - Responsible for providing engineering services to support the Transportation Statistics Unit of the Planning Environmental Management Office D6 by performing the following services: PTMS design, traffic data collection (over 2,000 traffic stations and over 1,000 miles of road inventories) in charge of enhanced pavement management program and reporting. *Contact: FDOT Neil Lyn, (305) 470-5373.*

Interstate 195 Corridor Planning Study (2017-2018) - CALTRAN as participant of this project with limits from I-95 to Alton Road is in charge of all traffic data collection including big data evaluation (HERE, Bluetooth and Streetlight) for origin-destinations. Documentation of existing conditions, and support of operational analysis microsimulation model development, provides documentation for the Design Traffic Technical Memorandum. *Contact: Lorin Brissett/BCC, (954)928-1828.*



FDOT D4, Districtwide Data Collection (2005-Ongoing) - Project Manager responsible for the supervision of the traffic data collection and analysis for the Statistics Unit in the Planning Office. Project's assignments include 24, 48, & 72 hrs. Traffic counts, researching and recording data into the Roadway Characteristics databases, Straight Line Diagrams (SLD), traffic counts, jurisdictional transfers, and GIS services. *Contact: PM Kara Schwartz, FDOT D4, (954) 777-4364.*

FDOT D4, Traffic Operations Districtwide Data Collection Services (2014-Ongoing) - CALTRAN is currently providing consulting services to assure uniform procedures for the inspection and reporting of District Maintenance Office contracts, agreements, and permits. Services provided include, but are not limited to, maintenance, engineering, inspection and contract administration for the miscellaneous maintenance projects assigned. Mr. Calderon is the Project Manager. *Contact: Adalberto Acuña, PE, FDOT D4, (954) 677-7886.*

Downtown Miami Complete Streets (Lane Elimination) Project, SW/SE 1st Street, Project Manager, (2016-2017) - Responsible for traffic-engineering services to complete a feasibility study to apply a Complete Street concept to SW/SE 1st Street in Downtown Miami, between SW 2nd Avenue and Biscayne Boulevard. Tasks included provided an existing condition analysis, traffic analysis for no built and built conditions, transit system operation analysis. Study recommended lane elimination and 1st on-road bus lane only in Miami-Dade County. *Contact: Fabian De La Espriella, (305) 579-6675.*

City of Coral Gables Comprehensive Multimodal Transportation Plan, (2016-Ongoing) – Project Manager responsible for the evaluation of multimodal projects and transportation traffic calming plan with the vision to support the City developing a framework and analysis of existing and future conditions, civic engagement and putting ideas into action as well as a recommendation and prioritization of funding. *Contact: Atkins, Jack S. Schnettler, P.E., (305) 514-3369.*

FDOT D4, SR 708/Blue Heron Blvd and Avenue S, (2014-2016) - Project consisted of intersection improvement at Blue Heron and Avenue S. Currently the intersection has sub-standard curb radius at all four corners. Responsibilities to this modification included new mast arms and new lighting poles. *Contact: Jorge Maspons, (305) 450-2693/Scott Thurman, (954) 777-4135.*

FDOT D4, Traffic Operations Safety Study, C9845 (2012-Ongoing) - Project Manager responsible for providing traffic engineering services to the department through traffic operations and safety studies such as: Ramp safety studies, spot speed studies, safe curve speed studies, gap studies amongst others. *Contact: Gannett Fleming, Nelson Castillo, P.E., (305) 823-5662.*

FDOT D4 District-wide Modal Development Consultant Services, Broward and Palm Beach Counties, Florida, (2014-2015) - as sub to Tindale Oliver, CALTRAN collected data for assessing at-grade rail crossing traffic delay impacts using video cameras. Each crossing utilized from 3 to 4 cameras, depending on their complexity and sight distances. Observations made regarding the overall operation of the railway crossings were updated. The data collected was reviewed and summarized, as well as the video data of the locations assigned. Data analysis produced the statistics for each crossing location. Statistics collected included delay per gate closing event (vehicle-minutes), and average number of vehicles in the queue, among others. These statistics were aggregated to be compared by railroad corridor and by county. The number of engines and railcars was collected and summarized. Client: Paola Baez, PE, *Tindale Oliver, 954-641-5680*

FDOT D6, Maintenance and Permit Inspection, Contract No. C9G32, (2014-Ongoing) - Project Manager overseeing all on-site activities. Under this contract, CALTRAN provided onsite support in the collection of Maintenance RCI features. Quality control of data collected as well as data inputted into the RCI mainframe to ensure accuracy maintained. Conducted field reviews to cross check against if work needs are completed adequately. CALTRAN also assisted in GIS efforts and data collection for legal purposes. *Contact: Amman and Whitney, Ernesto Polo, (305) 261-2006.*



Jeannelia P. Liu, P.E.
Senior Project Engineer

Education/Training:
Bachelor of Science in Civil Engineering, University of Miami, 1996

Years of Experience:
Total 21 years
2014-Present - CALTRAN
2003-2014 - BMcD
1996-2003 - other firms

Registration:
Professional Engineer in Florida, No. 57565, 2001

Proficiencies:
Project Management |
Transportation Engineer |
Signalization Design | ArcView
ArcGIS | Data Management |
RCI and HPMS | Traffic
Counts

Office Location:
Miami, FL

Professional Experience

Mrs. Liu has a wide-range of experience in consulting engineering and throughout her 21 year career. Her experience includes more than fifteen years providing project management services to various GIS, planning, studies and data collection projects. Mrs. Liu has produced a vast amount of scoping reports for reconstruction and resurfacing roadway projects and has been involved in numerous roadway design and planning projects in FDOT. Additionally, she was involved in the Pavement Management Process since it was first implemented in FDOT District Six.

Key Projects

FDOT D4, Districtwide Data Collection, (2005-Ongoing) - Project Manager responsible for the supervision of the traffic and roadway data collection and analysis for the Statistics Unit in the Planning Office. Project's assignments includes 24, 48, & 72 hr traffic counts, researching and recording data into the Roadway Characteristics databases, Straight Line Diagrams (SLD), traffic counts, jurisdictional transfers, and GIS services. She also provided in house engineering support services for four years in FDOT District Six, Miami, Florida. *Contact: Min-Tang Li, Ph.D., P.E. (954) 777-4652*

FDOT D6, Transportation Statistics Support No. 3, (2013-Ongoing) - Quality Control Supervisor responsible for providing engineering support at the Intermodal Systems Development Office in District 6 and amongst other tasks includes; PTMS design through work program projects; Roadway Characteristic Inventory data collection and review; enhanced pavement deficiency evaluation and reporting. *Contact: Neil Lyn, (305) 470-5373.*

FDOT D6, Public Transportation Consultant, (2012-Ongoing) - Quality Control Supervisor responsible to provide studies, perform evaluations, develop strategies, and secure funding for highway, transit, rail, freight and seaport projects while enhancing performance for all transportation modes. Those analyses require capabilities to collect data, assess the context, validation of data, analysis of demands, forecasting and growth, and provide sound engineering design and construction judgments in conjunction to responding to public and private stakeholders concerns. MOT for railroad closures are also prepared. *Contact: Dionne Richardson, (305) 470-5292.*

FDOT D6, District Wide Freight and Logistics Consultant, C9D04, (2013-Ongoing) - QA/QC Manager responsible for assisting FDOT D6 to evaluate freight plans, to develop freight strategies with the objective to incorporate within future or ongoing projects. Review and collect data related to freight project. Perform plans reviews. Perform audits to transit, airport and seaport projects and coordinate with District and private stakeholders as necessary. Her experience includes conducting triennial reviews for nonprofit organizations, part of the 5310 program. *Contact: FDOT Dionne Richardson, (305) 470-5292.*

FDOT D6, Districtwide Plans Reviews, (2013-Ongoing) - Senior Engineer responsible for reviewing FDOT and LAP projects during all phases of design. *Contact: Jesus Mustafa, (954)744-4691.*



FDOT D4, Districtwide Planning & Environmental GIS General Consultant, (2005-2014) - Project Manager responsible to provide GIS services to supplement the FDOT's District Four PL&EM Staff. Support areas include but are not limited to: organization and maintenance of GIS data library, geographical information systems (GIS) on-site application support, development of office specific GIS applications, website programming, training, and miscellaneous general services to support planned and ongoing production efforts as directed by the FDOT. The GIS consultant shall function as an extension of FDOT's resources. *Contact: Min Tang Li, (954) 777-4652.*

FDOT D6, Districtwide Plans Reviews, (2009-2012) - Project Engineer responsible for all aspects of the scoping reports during draft and final phases. She also reviewed roadway design plans. She posted the comments in the ERC and attended review meetings. *Contact: Erenia Nagid (retired), (305) 470-5469.*

FDOT D6, Short Range Project Development Consultant, (2006-2010) - Project Manager for pavement management enhancement projects within Miami Dade and Monroe counties in which recommended improvements and preliminary cost estimates need to be prepared. She is also managing highway and traffic data collection assignments under this project. Under this project, a scoping report is produced to assess existing conditions on the project based on requirements from Chapter 25 of the Plans Preparations Manual "Florida's Design Criteria for Resurfacing, Restoration and Rehabilitation (RRR) of Streets and Highways. The assessment includes physical and operational conditions, and a safety assessment, as well as ADA Compliance. *Contact: Neil Lyn, (305) 470-5373.*

FDOT D6, Districtwide Public Transportation Consultant, (2003-2008) - Project Manager for this Districtwide Public Transportation Consultant contract. Burns & McDonnell provided general consulting services in support of multi-modal planning in the District in five areas: aviation, transit, intermodal, ports, and rail. Under this contract, BMCD provided airport/heliport inspections, Vehicle inventories and workshops for FTA 5310 & 5311 Programs, project management site visits to Miami International Airport South Terminal Program, plans reviews, rail data collection, and commuter assistance sign placement design, among others. *Contact: Paola Baez, (305) 470-5333 (no longer at DOT).*

MDAD, Miami International Airport, Perimeter Road Realignment, (2005-2007) - The project consisted of the re-alignment of Perimeter Road to accommodate the new Southeast Gate and a new employee parking lot adjacent to the east side of Miami International Airport. Engineering services included design, construction document development, permitting, and construction administration. Work activities included a new 4-lane divided road, exfiltration trenches and drainage structures, lighting, a new signalized intersection, signing and pavement marking, and a surface parking lot. Mrs. Liu served as the Project Engineer for the design and construction documents development of the signalization plans. *Contact: Tyrone Browne, (305) 876-0529.*

City of Miami Beach Neighborhood Capital Improvement Program, Flamingo Neighborhood Improvements (2003-2007) - Project Engineer. Responsible for the supervision of the master plan, preliminary design, and cost estimating of above and under-ground improvements to the right-of-way infrastructure of the "Flamingo" neighborhood in Miami Beach. The Flamingo neighborhood encompasses more than a square mile of city streets. The scope of the work includes aboveground improvements including: streetscape design, street lighting, traffic calming, signage, parking studies, and final design of parking, traffic engineering, signalization, paving, grading, and ADA-compliance updates to walkways. Underground improvements include pipe upsizing and replacement of water mains, wastewater mains, storm sewers, and installation of new deep. *Contact: Cesar Garcia Pons (no longer at EDAW), (305) 579-6675.*



Carlos M. Perez, P.E.
QA/QC

Education/Training:

Bachelor of Science in Civil Engineering,
Florida International University, 1999

Fundamentals 101, 102, and 103 (Distance Learning)
TranStat RCI Intermediate Field Data Collection, FDOT, 2013

Years of Experience:

Total 19 years
2013-Present - CALTRAN
2003-2013 - BMcD
1999-2003 - other firms

Registration:

Professional Engineer - Florida, No. 63521, 2005 | Professional Engineer - Delaware, No. 13213

Proficiencies:

Project Management | Data Management | ArcView | ArcGIS | RCI and HPMS | Transportation Engineer | Lighting Design | Signalization Design

Organizations:

American Society of Civil Engineers

Office Location:

Miami, FL

Professional Experience

Mr. Perez is a civil engineer, with more than 19 years of experience in transportation statistics and planning for the Florida Department of Transportation (FDOT). He has provided Geographic Information Systems, Pavement Management System Analysis, Traffic Monitoring Site selection and design, Roadway Characteristics Inventory, Highway Performance Monitoring System, and Railroad Highway Crossing Inventory and Inspection consulting services to the FDOT in various districts. He is skilled in the use of MicroStation, ArcGIS, Aladdin, HCM software, MS Access, and other MS software. Mr. Perez has also been involved in final design of roadway lighting and signalization plans for the Department RRR and reconstruction projects. He is currently a member of the FDOT Technical Task Force Committee for the State Transportation Statistics Office. He is currently also working in two GIS projects at the Florida Department of Transportation.

Key Projects

FDOT D6, Maintenance and Permit Inspection, Contract No. C9G32 (2014-Ongoing) - Project Manager overseeing all on-site activities. Under this contract, CALTRAN provided onsite support in the collection of Maintenance RCI features. Quality control of data collected as well as data inputted into the RCI mainframe to ensure accuracy maintained. Conducted field reviews to cross check against if work needs are completed adequately. CALTRAN also assisted in GIS efforts and data collection for legal purposes. *Contact: Amman and Whitney, Ernesto Polo, (305) 261-2006.*

FDOT D6, Transportation Statistics Support No. 3, C9617, (2013-Ongoing) - Prime consultant responsible for providing engineering support at the Intermodal Systems Development Office in D6 and amongst other tasks includes; PTMS design through work program projects; Roadway Characteristic Inventory data collection and review; enhanced pavement deficiency evaluation and reporting. *Contact: Neil Lyn, (305) 470-5373.*

FDOT D4, District wide Planning Data Collection (2015-2019) - Project Manager responsible for the supervision of the traffic data collection and analysis for the Statistics Unit in the Planning Office. Project's assignments include 24, 48, & 72 hrs. Traffic counts, researching and recording data into the Roadway Characteristics databases, Straight Line Diagrams (SLD), traffic counts, jurisdictional transfers, and GIS services. *Contact: PM Kara Schwartz, FDOT D4, (954) 777-4364.*

FDOT D4 -BDZ18 Traffic Operations Data Collection Consultant, (2015-2019) Multiple assignments including TMCs, pedestrian studies, gap studies as well as documentation of the Intra-Costal Waterway Bridges Bike and Peds Counts along several movable bridges in Broward, Palm Beach, Indian River, St Lucie and Martin Counties. FDOT Adalberto Andres Acuña, 954-677-7886

FDOT D4 & D6, Districtwide Data Collection, (2005-Ongoing) - Project Manager and Project Engineer. Responsible for the supervision of the traffic



and roadway data collection and analysis for the Statistics Unit in the Planning Office. Project's assignments includes 24, 48, & 72 hr traffic counts, researching and recording data into the Roadway Characteristics Inventory (RCI) and Highway Performance Monitoring System (HPMS) databases, Straight Line Diagrams (SLD), traffic counts, jurisdictional transfers, and GIS services. He also provided in house engineering support services for four years in FDOT D6, Miami, Florida. *Contact: Min-Tang Li, Ph.D., P.E. (954) 777-4652/ Neil Lyn, (305) 470-5373.*

City of Miami Gardens Continuing Architectural/Engineering Services. Miami-Dade County, FL. (2015-2019)

Under this contract, CALTRAN is responsible for providing traffic and roadway design engineering services for specific projects as authorized by the City. Tasks being performed under this contract include plats review and survey acceptance for over 15 plats, traffic impact peer review process for a Walmart, a Family Dollar Store and a new TopGolf Driving Range. *Contact: Nakeischea Smith, City of Miami Gardens, 305-622-8000*

City of Coral Gables Comprehensive Multimodal Transportation Plan, (2016-2018) – Project Manager responsible for the evaluation of multimodal projects and transportation traffic calming plan with the vision to support the City developing a framework and analysis of existing and future conditions, civic engagement and putting ideas into action as well as a recommendation and prioritization of funding. *Contact: Atkins, Jack S. Schnettler, P.E., (305) 514-3369.*

FDOT D6, Traffic Operations (Contract No. C8W68), Miami-Dade County, FL. (2012-2015) This project consisted of multiple TWO with traffic data collection and collection including 72-hour arterial counts, turning movement counts and intersection delay studies.

Contact: TY Lin International, Inc. Claudia Diaz, P.E., 305-567-1888

FDOT D6, Districtwide Public Transportation Consultant C-9769, (2013-2015) - CALTRAN was responsible for providing traffic engineering services to the Department to evaluate freight traffic demand within the Miami-Downtown traffic area pre-opening of the Port Miami Tunnel. As part of this contract assignments such as evaluation of TSM&O performance measures, airport inspections grants and on-site support. *Contact: David Rivera, P.E., BCC Engineering, 786-514-1378*

FDOT D6, Transportation Systems GIS Data Development & Mapping, (2006-2013) - Project Manager for ongoing GIS and Mapping functions for the District Intermodal Systems Planning Office. Project assignments involved database re-structuring and organization of the Districts archives, GIS and web application development and other miscellaneous map development functions. Assignments also included districtwide roadway and traffic data collection and analysis. *Contact: Neil Lyn, (305) 470-5373.*

FDOT D6, Transportation Systems GIS Data Development & Mapping, (2006-2013) - Project Manager for ongoing GIS and Mapping functions for the District Intermodal Systems Planning Office. Project assignments involved database re-structuring and organization of the Districts archives, GIS and web application development and other miscellaneous map development functions. Assignments also included districtwide roadway and traffic data collection and analysis. *Contact: Neil Lyn, (305) 470-5373.*

DOT D4, Districtwide Planning & Environmental GIS General Consultant, (2007-2013) - Project Manager for this project aimed to provide GIS services to supplement the FDOT's D4 PL&EM Staff. Support areas include but are not limited to: organization and maintenance of GIS data library, geographical information systems (GIS) on-site application support, development of office specific GIS applications, website programming, training, and miscellaneous general services to support planned and ongoing production efforts as directed by the FDOT. The GIS consultant shall function as an extension of FDOT's resources. *Contact: Jason Learned (954) 777-4664.*

Hugo E. Soto, P.E.

PRINCIPAL GEOTECHNICAL ENGINEER

PROFESSIONAL EXPERIENCE

Hugo Soto has 39 years of experience providing geotechnical engineering, construction materials testing, inspection and consulting services. Geotechnical services include geotechnical design, analyses and recommendations related to the design and construction of foundations as well as geotechnical exploration programs. He is well versed in performing analysis and evaluation of field and laboratory data, in-situ soil testing, in-place permeability testing and geophysical explorations.

Hugo's extensive experience includes: evaluating bearing capacity and settlement for different types of shallow and deep foundation systems; analysis/evaluation of retaining walls, sheet piling systems, slope stability analysis of conventional and reinforced embankments, evaluation of drilled shafts, augercast piles and driven piles; evaluation, design, and implementation of subsurface improvement programs (i.e. application of dynamic compaction, preloading, compaction grouting, and vibro-compaction techniques); and conducting studies including monitoring vibrations of structures during construction.

PROJECT EXPERIENCE

Micosukee Tribe of Indians of Florida, Water Treatment Plant Upgrades (WTP) – Miami-Dade, County, FL

Principal/Project Manager. The geotechnical engineering scope of services for this project included the advancement of nine test borings to depths ranging from approximately 15 to 30 feet below existing site grades. The purpose of these services was to provide information and geotechnical recommendations relative to: subsurface soil conditions, groundwater conditions, site preparation and earthwork, and mat foundation design. The improvements to the WTP included the following: Filter System Structure, Pellet Softener Structures, and Caustic facility.

Reasonable Assurance Report (RAR) along Northwest 7th Avenue. from 12th to 29th Street – Miami Dade County, FL

Principal Engineer/Quality Review. The project site is located along NW 7th Avenue (SR 7) from Culmer Rail Station to NW 34th Street in Miami, Florida. The purpose of this study was to complete a RAR to support the stormwater drainage wells design and well permitting by the Florida Department of Environmental Protection (FDEP). FDEP requires that specific conditions be met prior to issuing a Class V, Group 6 stormwater drainage well permit, to ensure that water quality in the surficial aquifer or in surface water bodies is not adversely affected by vertical migration of dissolved solids and contaminants. Terracon performed a geotechnical exploration with the purpose of providing soil and groundwater data to develop a reasonable assurance report for design of proposed stormwater injection wells. The exploration consisted of performing Standard Penetration Test (SPT) soil borings to a depth of 200 feet in conjunction with collecting water samples approximately every 5 feet from a depth ranging from 60 to 165 feet. The water samples were tested for total dissolved solids (TDS) to aid in determining the interface between the Class G-II and G-III aquifers.

8-inch Force Main Replacement and Pump Station 9141 Upgrade, PortMiami - Miami-Dade County, FL

Principal Engineer/Geotechnical Project Manager. Subsurface study and geotechnical engineering recommendations were provided for the proposed new 10-inch diameter force main pipeline to be installed between Pump Station 9141 on the Port side (Dodge Island) to a point of connection on the mainland (City of Miami). The proposed pipeline will replace the existing 8-inch diameter force main which runs partially affixed to the Port Boulevard bridge. Terracon is currently providing construction materials engineering testing services Miami-Dade Water and Sewer Department (WASD) that include soils testing, concrete testing, and asphalt concrete testing.



EDUCATION

Master of Science in Geotechnical Engineering, Utah State University, 1980

Bachelor of Science in Civil Engineering, Utah State University, 1979

REGISTRATIONS

Professional Engineer, #56108, Texas, 1994

Professional Engineer, #36440, Florida, 1985

AFFILIATIONS

American Society of Civil Engineers

Cuban Society of Engineers

YEARS OF EXPERIENCE: 39

YEARS AT FIRM: 11

Hugo E. Soto, P.E. (continued)

Miami-Dade Public Works, Miscellaneous Projects - Miami-Dade County, FL

Contract Manager/Principal Engineer for soils, foundation and construction materials testing services. Project experience within Miami-Dade County has included subsurface exploration and foundation design, construction materials testing, and geotechnical engineering for several of the County's departments including: Miami-Dade Seaport, Water and Sewer, Fire Rescue, Public Works, Housing, Park and Recreation, Environmental Resources Management, Solid Waste and Transit Agency. Services have been provided for several roadway extension and improvement projects throughout the County.

6-Inch Diameter (D.I.) Force Main, Miami-Dade County WASD - Miami, FL

Principal Engineer. WASD wanted to install a 6-inch D.I. force main from the existing sewer PS-746 to the intersection of SW 156th Street and US-1 at the Village of Palmetto Bay. Hugo served as Principal Engineer for the services provided by Terracon including subsurface exploration to determine the subsurface conditions along the 6-inch D.I. force main corridor and geotechnical recommendations for foundation design and construction of the proposed force main.

Installation of Permanent Monitoring Wells – Miami-Dade County, FL

Principal Engineer/Quality Review. The project consisted of the installation of a monitoring well. The project site is located at 690 NW 13th Street in Miami, Florida. Ground cover at the location of the requested monitoring well installation consisted of paved parking areas and was within the right-of-way of NW 7th Street. Terracon provided a traffic plan and Maintenance of traffic (MOT). Well locations were laid out in the field and utilities were cleared with Sunshine State One Call. Terracon's scope of work also consisted of the drilling and the installation of one permanent monitoring well. Truck-mounted drilling equipment was mobilized to the site to perform drilling. The installation of the monitoring well was single cased: 2-inch diameter PVC pipe to a depth of 50 feet with 5-foot screen (screen size – 0.0010) from 45 feet to 50 feet.

New Sewage Lift Stations – Hollywood, FL

Principal Engineer. Four new sewage lift stations were planned to be constructed on Funston, Buchanan, McKinley, and Sheridan Streets. The scope of work involved exploration of subsurface soil conditions, laboratory testing and recommendations. The purpose of these services was to provide information and geotechnical engineering recommendations relative to subsurface soil conditions, earthwork, groundwater conditions, and foundation design and construction.

City of Fort Lauderdale, Fort Lauderdale, FL

Principal Engineer responsible for design and quality assurance (QA) testing services provided for various construction projects administered for the City's Engineering and Waterworks Divisions. The scope of work included testing of soil, limerock, concrete and asphalt as well as other specialized testing services required for the design and construction of municipal projects.

Florida International University (FIU) Satellite Chiller Plant (SCP) - Miami, FL

Principal Engineer. The \$5.2 million SCP (BT-834) is located on the FIU Modesto A. Maidique Campus. The project consisted of a new SCP, approximately 13,200 gross square feet (gsf) in area, with an ultimate 7,500-ton cooling capacity to supplement the University's existing chilled water generation operations serving the immediate and future needs of the Academic Health Center as well as other facilities. The project also included a surface parking lot with new stormwater drainage. Terracon performed field exploration and geotechnical engineering foundation evaluation for the proposed structure and associated drainage infrastructure. The firm provided: design recommendations for feasible foundation system (i.e. shallow system); recommendations and geotechnical parameters for design and construction of ground floor slabs, retaining walls, soil bearing pressures, lateral earth pressures, coefficient of friction and subgrade modulus; construction recommendations for support of underground utilities, fill and backfill materials, and compaction requirements; and pavement section suggestions.

Fed Ex Ground Distribution Warehouse – Homestead, FL

Principal Geotechnical Engineer. The proposed facility included a main distribution warehouse structure, paved parking areas and driveways, truck loading docks, and stormwater drainage improvements. Terracon provided subsurface exploration and geotechnical recommendations concerning earthwork and the design and construction of foundations, floor slabs, and pavements for the proposed project.

Rutu H. Nulkar, P.E.

SENIOR GEOTECHNICAL ENGINEER

PROFESSIONAL EXPERIENCE

Rutu has been practicing geotechnical engineering in South Florida for more than 15 years. A State of Florida registered professional engineer, she has managed several continuing services contracts during her career. Her geotechnical consulting capabilities include providing services for various types of projects including buildings, roadways, bridges, and drilled shaft inspections.

Rutu has performed geotechnical analysis and provided recommendations for design of shallow and deep foundation systems for bridges and buildings, and slope stability analyses for levees and canals. She also has over 15 years of construction materials testing and verification experience working on numerous Florida Department of Transportation (FDOT) projects and districtwide materials contracts. She has worked as an in-house geotechnical consultant with the District Materials Research Office (DMRO). Additionally, Rutu has led several geotechnical and materials testing contracts for the City of Fort Lauderdale, Palm Beach County, Broward County, and various School Districts located in South Florida.

PROJECT EXPERIENCE

Micosukee Tribe of Indians of Florida, Water Treatment Plant Upgrades (WTP) – Miami-Dade, County, FL

Senior Geotechnical Engineer. The geotechnical engineering scope of services for this project included the advancement of nine test borings to depths ranging from approximately 15 to 30 feet below existing site grades. The purpose of these services was to provide information and geotechnical recommendations relative to: subsurface soil conditions, groundwater conditions, site preparation and earthwork, and mat foundation design. The improvements to the WTP included the following: Filter System Structure, Pellet Softener Structures, and Caustic facility.

Seminole Big Cypress Water Conservation Plan Basin 1 and Siphon 1 – Hendry County, FL

Project Engineer. The Seminole Big Cypress Reservation Water Conservation Plan consists of constructing water control and treatment facilities in the western portion of the Big Cypress Reservation that will improve the water quality of agricultural water run-off within the reservation and restore water storage capacity and native vegetation. Terracon was responsible for conducting construction materials testing services for the water conservation plan. The scope of work included soil and concrete testing in the field and laboratory.

Big Cypress Ahfachkee School Expansion- Clewiston, FL

Project Engineer. Terracon is providing construction materials testing services, special inspections, and private provider services for construction of a new 2-story building to include new classrooms/labs, media center, dining room, kitchen and serving area as well as all related service spaces. The project will consist of a new building and existing buildings located on the existing school site. Work includes the renovation and remodeling of existing school buildings #310 and 312.

Big Cypress RV Resort Slab Replacement – Clewiston, FL

Senior Engineer/Quality Review. Terracon provided construction materials testing services for the replacement of seven concrete RV pads. The scope of work included conducting densities on the sub-grade and testing of the concrete.

48-inch Diameter Water Main Downtown Loop Closure - Miami, FL

Project Manager. The 48-inch diameter water main will be constructed under railroad tracks and roadway at the Miami Loop, along NW 12th Street between NW 1st Avenue West and NW 1st Avenue East. Terracon provided geotechnical exploration services including drilling borings. The purpose of these services was to provide subsurface field exploration, laboratory testing information, and geotechnical engineering recommendations to assist in the design and construction of the water main.



EDUCATION

M.S., Civil Engineering,
University of Florida, 2004

B.S., Civil Engineering, V.J.T.I.
Matunga, Mumbai, India, 2001

REGISTRATIONS

Registered Professional Engineer,
Florida #70625

AFFILIATIONS

American Society of Civil
Engineers (ASCE)

Florida Engineering Society (FES)

Florida Engineering
Society/Florida Institute of
Consulting Engineers Leadership
Institute

YEARS OF EXPERIENCE: 15

YEARS AT FIRM: 15

Rutu H. Nulkar, P.E. (continued)

Seawall Evaluation at Pump Station 1 Facility, Miami-Dade Water and Sewer Department (WASD) – Miami, FL

Project Engineer. WASD planned to renovate the seawall that existed at the time of Terracon's services due to signs of deterioration along the southeast edge. Pavement areas were also showing signs of heavy deterioration with holes found in the asphalt. Subsurface exploration, laboratory testing, and geotechnical engineering recommendations related to the design and construction of the seawall modifications were provided. The purpose of these services was to provide information and geotechnical engineering recommendations relative to subsurface and groundwater conditions, geotechnical engineering parameters for the design of the new seawall, construction considerations, and hydraulic conductivity of the existing soils.

WTP Water Storage Tank Replacement - Cooper City, FL

Senior Engineer. The proposed project included tank replacement consisting of an approximately 65-foot diameter tank with a storage capacity of 0.5 million gallons (MG) of water to be located at 11791 SW 49th Street. Terracon conducted geotechnical engineering services including 4 test borings. Information and geotechnical engineering recommendations provided were relative to: subsurface soil/rock conditions; groundwater conditions; foundation design and construction; and earthwork.

City WTP - West Palm Beach, FL

Project Manager/Engineer. The WTP, a conventional lime softening facility located at 1009 Banyan Boulevard, was built in 1894 and has grown to produce 47 million gallons per day (MGD). Terracon provided geotechnical engineering services to determine the soil conditions for various components at the WTP including the electrical generator building, fuel storage facility, proposed pipelines, and the lime sludge area. The firm provided subsurface exploration and geotechnical engineering recommendations. Subsurface exploration was conducted for the proposed 36/48-inch and 60-inch diameter pipelines. The purpose of this study was to determine the existing soil conditions and provide geotechnical recommendations to assist in the installation of the pipelines connecting the high service pump station no. 1 to the 3 MG ground storage tank (GST) and the proposed pipeline around the meter building.

Southwest Waste Water Treatment and Reclamation Facility - Sunrise, FL

Project Manager/Engineer. Two monitoring well groups were installed, one at the Water Reclamation Facility (WRF), consisting of 6 wells, and one at the WTP, inclusive of 3 wells. The firm performed subsurface exploration including 9 Standard Penetration Test (SPT) borings, installed 2-inch permanent monitoring well groups (one at the WRF and one at the WTP), and conducted 5 exfiltration tests to determine hydraulic conductivity. Terracon also furnished geotechnical engineering recommendations.

Western Water Conservation Restoration Project – Hendry County, FL

Project Engineer. The restoration project is comprised of 10 miles of levee and canals, 14 gated control and overflow structures, 1 twin barrel inverted siphon with inflow and outfall structures, 1 five-barrel equalization structure, and 10 pump stations ranging in size from 12-42" within a project area of 700 acres. A dual pipe bypass siphon was installed under the existing feeder canal. Terracon provided geotechnical engineering services that included the performance of slope stability analysis

New Sewage Lift Stations - Hollywood, FL

Senior Engineer. Four new sewage lift stations were planned to be constructed at: Funston Street east of State Road (SR) 7; Buchanan Street east of SR 7; McKinley Street east of SR 7; and off Sheridan Street east of SR 7. Terracon provided the subsurface exploration and geotechnical recommendations for project design and construction. The evaluation involved exploration of subsurface soil conditions, laboratory testing and preparation of the geotechnical report. The purpose of these services was to provide information and geotechnical engineering recommendations relative to: subsurface soil and rock conditions; earthwork; groundwater conditions; and foundation design and construction

Bill Keith Preserve - Fort Lauderdale, FL

Project Geotechnical Engineer. This 3.5 acres located on the north bank of the South Fork of the New River has been a joint effort between Broward County and City of Fort Lauderdale creating a Natural Preserve project funded with parks and open space bond monies. Geotechnical engineering services were provided directly for the City of Fort Lauderdale under a continuing contract. A subsurface exploration was conducted to determine the existing subsurface and groundwater conditions as well as to establish geotechnical soil parameters for the proposed construction of facilities/amenities including a gazebo. Geotechnical recommendations were provided to assist in the foundation design.

Lucas A. Barroso-Giachetti, P.E., CHMM

SENIOR ENVIRONMENTAL ENGINEER

PROFESSIONAL EXPERIENCE

Lucas is a senior environmental engineer in the Miami Lakes office of Terracon's South Florida region. Since receiving his Bachelor of Science degree, he has progressed from staff level to senior project management and client manager level responsibilities. Lucas leads Terracon's Miami environmental services operations including client management and business development, project management and providing senior engineering design services in South Florida and throughout Terracon.

A State of Florida licensed professional engineer, Lucas has over 19 years of experience in remediation and environmental consulting. His expertise includes environmental assessments, due diligence, regulatory compliance, solid waste, landfill redevelopment, and related practice areas. He has worked with a diverse array of public and private sector clients ranging from school properties to airport to landfills.

Lucas has extensive experience with local regulatory authorities in Miami-Dade County, including the now Division of Environmental Resources Management (DERM), as it relates to environmental consulting services, permitting and regulatory closures. For example, Lucas was the Professional Engineer of Record (EOR) during the soil remediation and engineering control implementation efforts at the City of Miami's Armbrister Park during 2016 through 2018, including site closure through Miami-Dade County and DERM.

Lucas' technical environmental expertise is complimented by his management capabilities and attention to detail in completing environmental projects. His organization skills allow him to effectively interact with clients and regulatory agencies to assure that work is completed in accordance with project specifications, regulatory requirements, project timeframes, and budgets.

PROJECT EXPERIENCE

Pompano Beach Airpark Plane Crash Fuel Spill – Pompano Beach, FL

Senior Environmental Engineer. Conducted soil screening, soil sampling, groundwater sampling and source removal oversight related to a discharge of fuel resulting from an aircraft crash landing within the Pompano Beach Airpark. Lucas provided Professional Engineer (P.E.) oversight of the field activities and conducted regulatory interface on behalf of the client. The impacted area was successfully excavated and remediated.

PortMiami Tunnel Project – Miami-Dade County, FL *

Prepared Spill Prevention, Control, and Countermeasure (SPCC) for project-wide land and maritime operations for Nicholson Construction involving drilling and grout injection activities on floating barges off Watson Island and Dodge Island. Lucas worked closely with Bouygues Civil Works Florida (BCWF) personnel during preparation and implementation of SPCC, which was reviewed and approved by Miami-Dade County.

Costco Warehouse Site within SoLe Mia Development - North Miami, FL

Lucas is serving as Senior Environmental Engineer. Providing essential assessment and construction oversight services in support of the site investigation and preparation for development of the project site. Observing relocation and placement of landfill materials and assessing soil and groundwater quality for constituents of concern within the development site. The results will be incorporated into the conditional closure utilizing institutional and engineering controls provided through Miami-Dade County Department of Regulatory and Economic Resources (RER) which will allow effective operation of the site without the expense of having to conduct remediation of impacted materials.



EDUCATION

Bachelor of Science, Environmental Engineering, University of Florida, 2002

REGISTRATIONS

Professional Engineer: Florida, No. 68283

CERTIFICATIONS

Certified Hazardous Materials Manager, No. 13849

40-hour HAZWOPER

OSHA Site Supervisor Trained

WORK HISTORY

Terracon Consultants, Inc., Senior Environmental Engineer, 2018 - Present

SCS Engineers, Environmental Services Group Leader/Senior Project Manager, 2016 – 2018; Project Manager/Field Services Manager/Client Services Manager, 2007 - 2011

GLE Associates, Inc., Site Environmental Group Leader/FDEP PRP South Region Contract Manager/Senior Engineer, 2011 – 2016

SECOR International Inc. (Stantec), Project Manager/Project Engineer/Office Quality Officer, 2005 - 2006

CTL Environmental Services, Project Manager/Staff Engineer, 2002 - 2005

YEARS OF EXPERIENCE: 19

YEARS AT FIRM: 1.5

* Work performed prior to joining Terracon.

Lucas A. Barroso-Giachetti, P.E., CHMM (continued)

Polyfluorylakyl Substances (PFAS) Assessment of Miami Dade College Academy of Fire Science - Miami, FL

Lucas served as the Technical Lead and Project Manager for assessment of a firefighter training area that historically utilized Aqueous Fire Fighting Foam (AFFF) during training exercise that contained per and PFAS. Terracon was retained by Miami Dade College to assess potential impacts to soil and groundwater from PFAS, including development of a PFAS-focused sampling plan including special and rigorous practices and procedures to prevent cross-contamination during sampling from common everyday items such as water-resistant clothing, sunscreen and others.

Miscellaneous Environmental Services Contract for the City of Miami, FL *

Lucas was the Project Manager and Professional EOR during the soil removal and engineering control implementation efforts involving the use of a high-visibility, puncture resistant geotextile and one foot of clean fill, as an alternate “cap”. Lucas was also the EOR for the Engineering Control Plan (ECP) for Armbrister Park detailing the procedures and practices related to the management and protection of the engineering control. Lucas also provided project management and Professional Engineer consulting services during the civil and environmental engineering efforts for Curtis Park during 2016 through 2017.

Continuing Services for Miami-Dade County DERM – Miami-Dade County, FL *

Project Manager for Miami-Dade County DERM contract projects included site assessment reports (SARs), tank closure assessment reports (TCARs), Phase I/II environmental site assessments (ESAs), and other projects at Miami International Airport (MIA), Opa-Locka Airport, Tamiami Park, and other Miami-Dade County properties, including parks. Responsible for day-to-day management of projects, interfacing with DERM project managers and staff, project billing, and preparation of proposals and final technical reports. Security clearance approved for work at MIA. Lucas was the Project Manager during the soil and groundwater assessment of Olinda Park in 2011.

Former Golf Course Redevelopment – Tamarac, FL *

Senior Project Manager. The golf course redevelopment project involved assessment of hundreds of residential lots, regulatory interface and negotiations with Broward County and coordination/management of onsite contractors for compliance with regulatory requirements (Soil Management Plan).

SoLe Mia/Turnberry – North Miami, FL *

EOR and Senior Engineer/Consultant to owner. The project consists of a landfill redevelopment including residential and commercial structures. Services provided to the owner included environmental evaluation, permitting, regulatory interface and other development issues. Responsible for client management with multiple internal project managers on several projects, including leading internal team.

Florida Power & Light (FPL) Electrical Substations – Miami-Dade County, FL *

Project Manager and Professional Engineer. Soil and groundwater assessment was conducted for arsenic contamination from historical herbicide application at multiple electrical substations. Prepared multiple Source Removal Reports (SRRs), Remedial Action Plans (RAPs), and technical reports submitted to Miami-Dade County DERM.

Florida Department of Environmental Protection (FDEP) Petroleum Restoration Program (PRP) - South Region *

Authored PRP proposals for all three regions for former firm (North, Central, and South). In addition to serving as Contract Manager for PRP Agency Term Contracts (ATC) South Region Contract, Lucas was also Project Manager for over 20 sites including limited site assessments (LSAs), natural attenuation monitoring (NAM), and active remediation systems. Successful completion of multiple LSAs with re-assignments as RAP and NAM phase projects. Responsible for management and professional engineering oversight of active remediation project involving air sparging(AS)/soil vapor extraction (SVE).

AAR Aircraft Services (formerly Avborne Heavy Maintenance), MIA - Miami, FL *

Lucas performed a comprehensive environmental compliance review of a 250,000-square foot (SF) aircraft maintenance/painting operation for adherence to Miami-Dade County DERM, FDEP, and US Environmental Protection Agency (EPA) guidelines and regulations. Trained several company employees on best management practices and applicable regulations and interfaced with the DERM Airports and Contracts Section and Miami-Dade Aviation Department (MDAD) representatives during the review process to achieve compliance in many areas related to MIA regulations. Produced plans and management tools for facility managers and staff: Stormwater Pollution Prevention Plan; SPCC; Department of Transportation (DOT) Security Plan; Hazardous Waste Management, Tracking, and Strategies; DERM Industrial Wastewater permitting; DERM volatile organic compounds (VOCs) Emissions Permits; Hazardous Waste Stream Analysis and Characterization; and SARA Tier II Reporting. Provided “on call” compliance support services related to County air and industrial waste (IW) permits, including FDEP air permitting and reporting.

Brian P. Brandon

SENIOR STAFF SCIENTIST

PROFESSIONAL EXPERIENCE

Brian has 6 years of experience as an environmental professional, specializing in the investigation and management of environmental due diligence and natural resources projects in the southeastern United States. His expertise includes wetland delineation, wetland permitting and compliance, habitat assessments, floral surveys, threatened and endangered species surveys, migratory bird evaluations, creation and maintenance of avian protection programs, and tribal and agency consultation pursuant to the National Environmental Policy Act (NEPA). Experience also includes coordination with the United States Fish and Wildlife Service (USFWS), Florida Fish and Wildlife Conservation Commission (FWC), Federal Communications Commission (FCC), various state and tribal historic preservation offices (HPOs), the Florida Department of Environmental Protection (FDEP), United States Army Corps of Engineers (USACE), and all Florida Water Management Districts for various permitting projects.

PROJECT EXPERIENCE

Phase I Environmental Site Assessments (ESAs) – Various Locations in AL, FL, GA, NC, SC, TN *

Project Manager and Environmental Professional per ASTM standards. Conducted site reconnaissance; property owner interviews; submitted Freedom of Information Act requests to local government regulatory agencies; reviewed historic topographic maps, aerial photographs, city directories, Sanborn Fire Insurance Maps, Site plans and construction drawings, and regulatory database reports to investigate potential Recognized Environmental Conditions. Compiled analytical environmental reports with the conclusions and recommendations of the investigation.

NEPA Assessments – Various Locations in AL, FL, GA, NC, SC, TN *

Project Manager and Lead Biologist. Conducted regulatory compliance reviews for proposed telecommunications tower facilities. Reviews included consultation with the State Historic Preservation Offices, Native American Tribal Organizations, Certified Local Government officials, and the general public. Ordered and reviewed cultural resource assessments prepared by Secretary of the Interior qualified archaeologists.

Biological Assessments - Various Locations in AL, FL, GA, NC, SC, TN *

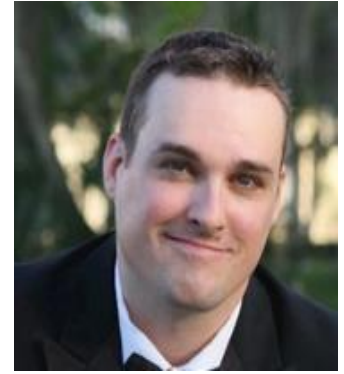
Project Manager and Lead Biologist. Analyzed habitat structure and performed surveys to determine anticipated impacts to threatened and endangered species and species of special concern pursuant to Section 7 of the Endangered Species Act. Species-specific surveys include Gopher Tortoise, migratory bird evaluations, bats, Red cockaded Woodpeckers, Florida Scrub-Jays, and various vegetation surveys. Consulted with lead agency for determinations of “no adverse effect” findings and coordinated permitting when necessary.

Wetland Delineations – Various Locations in FL, GA, MD*

Project Manager and Lead Wetland Scientist. Determined the landward extent of wetlands and other surface waters in accordance with Florida Administrative Code 62-340 and the USACE wetland delineation methodology. Delineated wetland boundaries and coordinated Environmental Resource Permits (ERP’s), Nationwide Permits, and Individual Permits with the FDEP, USACE, and all Water Management Districts.

Migratory Bird Evaluations and Avian Protection Programs – Nationwide*

Director of Migratory Bird Services. Managed and directed a team of scientists to conduct evaluations of Osprey, Bald Eagle, Red-tailed Hawk, Great Horned Owl, Crested Caracara, Crows, Ravens, Eastern Kingbirds, and other migratory birds for compliance with the Migratory Bird Treaty Act (MBTA), Bald and Golden Eagle Protection Act, and Endangered Species Act. Determined nest status and facilitated permit actions. Created and maintained Avian Protection Programs for various national clientele.



EDUCATION

Bachelor of Science, Biology
University of Central Florida, 2012

CERTIFICATIONS

FWC Authorized Gopher Tortoise Agent

Certified Florida Master Naturalist

PADI Certified Open Water Diver

CPR, AED, and Basic First Aid

ADDITIONAL TRAINING

38-Hour Army Corps of Engineers
Wetland Delineation Training Program

40-hour Hazardous Waste Operations
and Emergency Response Certification

AFFILIATIONS

Florida Native Plant Society – Tarflower Chapter

National Association of Environmental Professionals

Ecological Society of America

National Audubon Society

Florida Fish and Wildlife Conservation Commission – Volunteer

Florida Forest Service – Volunteer

YEARS OF EXPERIENCE: 6

YEARS AT FIRM: <1

** Work performed prior to joining Terracon.*

Brian P. Brandon (continued)

Orange County Public Schools (OCPS) – Continuing Contract

Senior Staff Scientist for this continuing environmental consulting services contact with OCPS. The scope of services includes sand skink surveys, consultation with USFWS, gopher tortoise burrow surveys and permitting, wetland delineations and permitting, and consultation with the Orange County Environmental Protection Division, FWC, and USFWS.

Indrio Road Commercial Development – Fort Pierce, FL

Senior Staff Scientist for a proposed commercial development. The scope of services includes a wetland assessment and delineation, listed species review, agency review of the wetland delineation, preparation of Uniform Mitigation Assessment Method (UMAM) data sheets, cultural resources review, and environmental permitting.

Fort Lauderdale Executive Airport (FXE) – Fort Lauderdale, FL

Senior Staff Scientist and Project Manager for commercial development on three non-contiguous lots. The scope of services included preliminary review of wetlands, threatened and endangered species, and cultural resources. The scope of services also included Florida burrowing owl surveys and permitting, creation of a burrowing owl mitigation plan, and consultation with the FWC.

Sadler's Landing – Woodbine, GA

Senior Staff Scientist for proposed telecommunications tower development. The scope of services included utilizing an endoscope to inspect gopher tortoise burrows to analyze the potential presence of the federally listed eastern indigo snake. The scope of services included field verification with a USFWS eastern indigo snake biologist.

Pinecrest Elementary School – Sanford, FL

Senior Staff Scientist and Project Manager for proposed building demolition. The scope of services included a 100% gopher tortoise survey, permitting, bucket trapping of tortoises, and relocation of tortoises. The scope of services also included consultation with FWC.

**Stéphane L'Écuyer, AIA, Principal
President IDEA Architects LLC**

Canal Park,
3323 NE 163rd street, Suite 200
North Miami Beach Florida 33332

**PROFESSIONAL AFFILIATION: Architecture, State of Florida License # AR93637
AIA,**

EDUCATION & DEGREES: BACHELOR IN ARCHITECTURE (B.ARCH)
University of Montreal, Montreal, Canada (June 1990)

PROFESSIONAL PROFILE

Stéphane L'Écuyer obtained a Bachelor degree in Architecture at the University of Montreal in 1990. Member of the AIA, he is a registered Architect in Florida.

Mr. L'Écuyer is the owner and principal of IDEA Architects (IDEA) located in North Miami Beach, Florida.

As lead designer, Mr. L'Écuyer has personally designed over the years over a thousand projects of all sizes and shapes.

His work ethic and his determination to offer his clients the best possible design make him a respected architect recognized by his peers. Stéphane L'Écuyer also leads the firm Interior Design Studio. His portfolio includes projects of all types, such as residential, commercial, institutional, and industrial.

Recent significant projects:

Crimson Tower, Miami Florida – 30 million - 90 units residential tower on 19 floors
One Bay, Miami Florida – 15 million – 38 Units residential low rise
929 Alton Road, Miami Beach Florida – 9 million – 20,000 SF office and retail
Ivory 214, Aventura Florida – 30 million 100 hotel rooms & 35,000 SF of office
Hilton Brickell, Miami Florida – 85 million 325 hotel rooms on 30 floors
Hollywood East, Hollywood Florida – 40 million 250 residential units
Canal Park, North Miami Beach Florida – 19.5 million – 65,000 SF of office
Vista Trace Residential Condominiums – 8.5 million – 216 units residential renovation
441 ROC – Hollywood Florida – 30 million – 178 units residential mid rise on 8 floors
Vista Clara – Deerfield Florida – 50 million – 326 units residential mid rise on 6 floors
Victoria Park 333 – FLL Florida – 18 million – 53 residential units on 15 floors

Orlando Grandal

1598 SW 25th Avenue, Miami, Florida 33145 | (786) 553-4658 | PSM No. 6677

Work Experience:

Orlando Grandal, P.S.M., Surveyor and Mapper:

- Director of Surveying of Orlando Grandal PSM, PA.
- More than 42 years of experience in Land Surveying and Civil engineering fields.
- Worked for Miami-Dade County in several departments:
 - Regulatory and Economic Resources Department as Special Administrator for Concurrency: Reviewed permits and tentative plats for concurrency approval.
 - Miami-Dade County Public Works Department in the Traffic Engineering Division, as Traffic Engineer.
 - Special Taxing District Section: Performed calculations and design of special taxing district, lighting and maintenance. Preparation of recommendations for the creation of special taxing districts by the Miami-Dade Board of County Commissioners and prepare resolutions for approval. Member of the Miami-Dade Platting Committee. Supervisor of the Intake Team
- Partnered with MLS Mapcons Group, Inc. in June of 2019.

Other Relevant Projects:

- HBO Latin American Group (LAG) City of Sunrise, FL: Relocation of the earth satellite antenna farm to a parcel adjacent to their office in the City of Sunrise, development of a 2.3-acre parcel for a server farm and antenna farm, with emergency operation center characteristics, land and hydrographic surveying, subsurface utility engineering and investigations, and other engineering services.
- Jackson Memorial Hospital, JMH Miami, FL: Survey and SUE Services. Surveying two areas within the hospital for upgrades to the exterior of the buildings and installation of a new guard house at a roadway. Subsurface utility engineering services to provide quality level A locations of utilities to design footings for an awning.
- Bonavida Condominium Association, Aventura, FL: Surveying and Engineering services for drainage improvements of parking lot. Provided boundary and topographic survey for the development of the engineering plans for deep drainage well design and permitting for the improvement of the parking lot.
- Leomar Homes Subdivision, Miami, FL: Preparation of Subdivision Plans for construction of 98 residential homes including preparing tentative plat, record plat, paving and drainage plans, engineering construction (including water and sewer) stake outs and as-builts, house construction layout & final surveys, including elevation certifications.
- Surveying of Andrew Air Force Base, Virginia – Perform field determination of all property acquisition parcels for the Air Force Base, establish field boundary of parcels using GPS and traditional equipment, verifying control monuments, extensive topography of parcels, review and interpret land deeds to determine parcel boundary continuity, prepare survey drawings of all acquired parcel.

JUAN ALBERTO MOREJON

47 NW 56th Avenue, Miami, FL 33126
(305) 615-3103 – mlsurveying@ymail.com

SKILLS

- GPS measuring equipment
- Topographic surveying
- Land surveying
- Proficient in AutoCAD
- Team training
- Site conditions
- Project specifications

WORK HISTORY

04/2015 to Present

President

MLS Mapcons Group, Inc. – Miami, Florida

- Gathered field survey data using Global Positioning System methods in an effort to measure distances and elevations.
- Ensured that all crew members observed safety precautions while working outdoors in various climates and rugged conditions and when operating vehicles and field equipment.
- Met all project milestones and deadlines, completing projects within or above client specifications.
- Created, printed and modified drawings in AutoCAD.

09/2011 to 10/2014

Survey Crew Chief

Sergio Redondo & Associates – Miami, Florida

- Gathered field survey data using Global Positioning System methods in an effort to measure distances and elevations.
- Documented all phases of the field crew's work via in-depth reporting methods.
- Ensured that all crew members observed safety precautions while working outdoors in various climates and rugged conditions and when operating vehicles and field equipment.
- Met all project milestones and deadlines, completing projects within or above client specifications.
- Created, printed and modified drawings in AutoCAD.
- Measured and marked property guidelines and key features.
- Performed field calculations to complete assessments.

05/2006 to 08/2011

President

MLS Land Surveying, Inc. – Miami, Florida

- Gathered field survey data using Global Positioning System methods in an effort to measure distances and elevations.
- Met all project milestones and deadlines, completing projects within or above client specifications.
- Documented all phases of the field crew's work via in-depth reporting methods.
- Ensured that all crew members observed safety precautions while working outdoors in various climates and rugged conditions and when operating vehicles and field equipment.
- Measured and marked property guidelines and key features.
- Performed field calculations to complete assessments.
- Created, printed and modified drawings in AutoCAD.

11/2002 to 04/2006

Survey Crew Chief

Weidener Surveying and Mapping – Miami, Florida

- Gathered field survey data using Global Positioning System methods in an effort to measure distances and elevations.
- Ensured that all crew members observed safety precautions while working outdoors in various climates and rugged conditions and when operating vehicles and field equipment.
- Met all project milestones and deadlines, completing projects within or above client specifications.
- Created, printed and modified drawings in AutoCAD.

EDUCATION

2002

Bachelor's: Geodesy and Cartography
Antonio Maceo – Havana, Cuba

Wayne K. Toning, RLA



4855 NW 92 Terrace
Coral Springs, Florida 33067
Office Tel: (561) 414-8269

E-Mail: wtonning@tonningandassociates.com

Registration **State of Florida – Landscape Architect**
License # LA6666709

State of Florida – Real Estate Sales Associate
License # SL3223185

Florida Department of Transportation Certified:
March 2013

LEED Green Associate, Accredited

National Center for Construction Education and Research, Accredited

Education **Kansas State University, Manhattan, Kansas.**
Bachelor of Landscape Architecture. May 1998.

The University of Connecticut, Storrs, Connecticut.
Bachelor of Arts. May 1992.
Major : Organizational Communications Minor : Business

Florida Atlantic University, Fort Lauderdale, Florida.
Masters of Urban and Regional Planning, May 2014
Major: Urban and Regional Planning

Professional Experience **Registered Landscape Architect, Principal and President**
January 2004 – Present. Toning and Associates, Inc.

- Design and project management for firm specializing in landscape architecture, land planning, and urban design.
- Responsibilities include conceptual design through construction detailing, landscape code compliance, cost estimation, site evaluation, daily client contact, site planning, layout, planting plans, hardscape, lighting, irrigation, preparation of bid sets, on-site inspections, and city development permit processing.
- Recent projects include Margate Boulevard Streetscape-CRA City of Margate, State Road 7 City of Margate, The Riverhouse Towers-Deerfield Beach, Willingham Park-City of Fort Lauderdale, INS-Fort Lauderdale International Airport.
- Projects vary in scale from residential site planning to commercial development.

Registered Landscape Architect.

June 1998 – January 2006. Architectural Alliance, Fort Lauderdale, Florida.

- Design and project management for multi-disciplinary firm specializing in landscape architecture, land planning, and urban design.
- Responsibilities include conceptual design through construction detailing, landscape code compliance, cost estimation, site evaluation, daily client contact, site planning, layout, planting plans, hardscape, lighting, irrigation, preparation of bid sets, on-site inspections, and city development permit processing.
- Construction administration for estate improvements including awarding contracts, managing escrow account, issuing release of liens, obtaining certificate of completion, coordinating, managing and providing supervision of contractors and sub-contractors.
- Preparation of Development Review Committee submittal exhibits.
- Recent projects include The Waverly at Surfside, Flamingo Park of Commerce, The Village at Sailboat Bend -Lennar-Fort Lauderdale, The Isles at Bayshore-Lennar-Miami, Various CRA work and Street improvements – City of Fort Lauderdale, Miramar Medical Office-Stiles Corporation.
- Projects vary in scale from residential site planning to commercial development.

Computer Technology Proficient with AutoCAD 2018

Memberships American Society of Landscape Architects, Full Member.
The Irrigation Society.
United States Green Building Council



4855 NW 92 Terrace
Coral Springs, FL 33067

Municipal Work:

City of Margate-City Hall dedication Plaza
City of Margate - Margate Boulevard Streetscape Urban renewal
City of Margate-State Road 7 Streetscape (Colonial Drive to 31st)
City of Margate-Atlantic Boulevard Streetscape
City of Margate-Coconut Creek Parkway
INS Border Patrol - Fort Lauderdale International Airport
City of Fort Lauderdale - Willingham Park

Private Development:

LeLac HOA – Boca Raton – common areas redevelopment, entry road, and wetland mitigation
Westshore Plaza-Tampa out parcel redevelopment
Martinique II-Singer Island-7 acre ocean front redevelopment
New Floresta HOA-Boca Raton-1/2 mile Jog Road streetscape and 5 entry landscape
The Riverhouse Towers-Deerfield Beach – redevelopment
Westgate Square Sunrise-20 acre redevelopment
Staples –Various Stand Alone Stores
Timbercreek HOA-Park Design

Wayne Toning with previous employers

Previous Work Experience:

Fort Lauderdale International Airport-Terminal 3 and 4,
Lennar Corporation- Isles at Bayshore
Lennar Corporation-The Village at Sailboat Bend
Shoppers Haven-Pompano Beach-out parcel
BJ's Wholesale-Fort Lauderdale
Bonnet House-Fort Lauderdale Water taxi design
Plantation Key-redevelopment office park
Paraiso Park Publix-Pembroke Pines
Florida Humane Society Deerfield Beach,
Dixie Highway Streetscape - Pompano Beach
Various school board projects: Broadview Elementary, Plantation High, and Hollywood Hills

**THE BETAJONES GROUP – PROJECT APPROACH AND TEAM BR
 CITY OF HOLLYWOOD RFQ# DCRA 20-027
 RFQ TO PROVIDE DESIGN SERVICES TO THE HOLLYWOOD COMMUNITY REDEVELOPMENT
 AGENCY FOR HOLLYWOOD BOULEVARD STREETScape**

Below, is a GENERAL APPROACH to successfully bring the Hollywood Boulevard Streetscape project from a Conceptual Stage to Construction. The General Project Approach shows Design Team as well as Municipal Staff Support Anticipated for this Project:

1. **FEASIBILITY STUDY - SITE RESEARCH AND INVESTIGATION**
 - Design Team will coordinate with the City Management Team and review As-Built Plans of Site, Underground Utilities and Adjacent Structures.
 - Design Team will review Building Code, Zoning, Engineering, and landscape regulations to identify required code and any possible obstacles.
 - Design Team will conduct a full site visit to study perform the walkthrough portion of the Study to identify and measure any Compliance Issues.

2. **TOPOGRAHICAL AND LOCATION SURVEYS**
 - Surveyor shall conduct the necessary surveys (Location, Tree, Topographical) in order to prepare a base background for the Design Drawings and to identify existing longitudinal and cross slopes throughout the Site.

3. **ENGINEERING STUDIES**
 - Geotechnical Engineer shall conduct the necessary Soils Studies to identify and recommend Drainage, Pavement, Foundation Parameters.
 - If required, and Environmental Assessment will be conducted on the Project Location

4. **FEASIBILITY REPORT COMPLETION, PRESENTATION AND DESIGN OUTLOOK WITH OWNERS**
 - Design Team will complete Study and prepare a presentation of Improvement requirements and optional recommendations to the Client.
 - Design team to discuss with client if sections will close or remain open during improvements in order to implement construction phases and areas to remain open for onsite animals.
 - Client will provide a preliminary approval on all improvements throughout the site.

5. **ARCHITECTURAL AND ENGINEERING SCHEMATIC DESIGN (50%)**
 - a. Project Manager and Senior Civil Engineer of Record, Mr. Luis A. Betalleluz, P.E. will focus on all Site Layout, Site Improvement Design, Utility Design, Paving and Grading Design as well as Preparation of all Related Construction Plans for submittal and approval with Ownership as well as all required jurisdictional agencies.
 - A Cost Estimate Based on the Schematic Design will be prepared for the Client
 - Coordination with City Staff, Council and Advisory Boards will occur during this process.

6. **ENGINEERING DESIGN DEVELOPMENT (90%)**
 - Design team will provide more detailed Engineering Design Plans.
 - Coordination with City Staff, Council and Advisory Boards will occur during this process.

7. **ENGINEERING CONSTRUCTION DOCUMENTS (100%)**
 - Design team will finalize Engineering Design Plans to Prepare for Final Permitting Process

- A Final Cost Estimate will be prepared for the Client
- A Project Specifications Manual will be prepared for the Client

8. PERMITTING PROCESS

- Project Manager Mr. Luis A. Betalleluz and Team will deliver and work with all Jurisdictional Agencies to obtain all necessary sub-permits and final Building Construction Permit as required to be able to proceed to the Construction Process.

9. BIDDING PROCESS

- The Design Team will Prepare and/or assist the client in preparing a bid package as required to obtain bids from qualified Contractors.
- The Design Team will conduct and/or be part of the pre-bid meetings to answer all contractor's questions and or clarifications.
- The Design Team will also assist the client in reviewing the Contractor's proposals follow up with references and provide a written summary and/or oral presentation of their findings to assist the Client in selecting the Contractor.

10. CONSTRUCTION PROCESS, PROJECT CLOSEOUT, & FINAL PROJECT CERTIFICATION

- Once the Construction Team is selected, the Design Team will hold a Pre-Construction Meeting with the Client and Construction Team to discuss Client Goals and Construction Procedures specifically of importance to the Client such as: Traffic and Pedestrian Flow Operations, Construction Team Staging, MOT, Noise and Dust Control, Construction Schedule, Equipment Storage, Security, etc.
- The Architect and Engineers of Record shall review and approve payment schedules prior to the Client releasing payments to the Contractor
- The Design Team will work with the Client and Construction Team and attend Pre-Construction Meetings, as necessary, with Jurisdictional Agencies and Inspectors requiring such meetings.
- The Design Team will review and process, as necessary, all construction shop drawings and Contractor RFIs (Request for Additional Information) for materials to be ordered, accordingly, and any clarifications questions answered.
- Any Finishes on the project still left to be determined will be coordinated between the Client, Design and Construction Teams.
- The Design Team Shall conduct onsite inspections, review testing, and maintain coordination with the Contractor on all As-built Requirements to be reviewed and approved prior to certification.
- The Design Team shall assist the Contractor with the Permit Close-out with the required Jurisdictional Agencies.
- At the End of Construction, the Design team will conduct a final review of the Asbuilt Survey and Site Work and provide a checklist in coordination with the Client to the Contractor of any remaining close out items.
- Once the Permit has been closed and final Punch list items have been completed, the Project Manager will provide all certification letters and obtain and releases from the Contractor for the owners to proceed with operating the newly built project.

Estimated Design and Permitting: 12 Months
Estimated Construction – 12-24 Months

SCHEDULE CONTROL, COST CONTROL, AND QUALITY CONTROL

The BetaJones Group, Inc. team's philosophy "level of technical excellence, practical experience and client responsiveness" includes the following 3 key Tasks in every project:

1. SCHEDULE CONTROL

- Large Projects such as Everglades Restoration Project, Tropical Memorial Park Track and Field Stadium, West (End) Kendall District Regional Park, Miami-Dade Transit, and All Miami Dade Aviation Airport Projects were successfully completed via a Controlled Schedule done in professional Scheduling Software. An analysis of the Critical Path Method and Tight Contract Control along with Agency Follow Ups allowed for these projects to be finalized within the Project Time Period.

2. COST CONTROL

- Many of our Large Projects such as Tropical Memorial Park Track and Field Stadium, West (End) Kendall District Regional Park, Miami-Dade Transit, and All Miami Dade Aviation Airport Projects were successfully completed on budget by providing Cost Estimates throughout the Design Process, along with Value Engineering and Constant Coordination with the Client. This allowed all of our projects to come be completed within the full Project's budget and allowed our clients to save thousands of dollars and in some cases, hundreds of thousands of dollars in construction costs.

3. QUALITY CONTROL

- The BetaJones Group does not release any internal design until at least two experienced engineers have reviewed Design and Design Calculations. This allows the quality of our product to always be solid and presentable.

DESIGN TEAM HOURLY BREAKDOWN

The BetaJones Group - 2,080 Hrs

1. Mr. Luis A. Betalleluz, P.E. – Principal, Project Manager and Civil Engineer
2. Ms. Adriana Hegeman, P.E. – Assistant Project Manager and Civil Engineer
3. Ms. Michelle Lopez – Technical Staff
4. Ms. Angela Rosina Manunta – Technical Staff

Subconsultants included in this Project:

1. IDEA Architects, LLC. - 2,080 Hrs
 - a. Discipline: Architects
 - b. Discipline: MEP
2. MLS Mapscons Group, Inc. – 3,000 Hrs.
 - a. Discipline: Surveying Team
3. Terracon Consultants, Inc.
 - a. Discipline: Environmental Engineers – 200 Hrs
 - b. Discipline: Geotechnical Engineers – 500 Hrs
4. Toning & Associates, Inc. - 1,500 Hrs
 - a. Discipline: Landscape Architect
5. Caltran Engineering Group, Inc. - 800 Hrs
 - a. Discipline: Traffic and Transportation Engineers

NOTEWORTHY ACHIEVEMENTS

THE BETAJONES GROUP

- In 2015 the National Technical Meeting and Awards for the American Sport Builders Association awarded the Bronze Award for National Track Facility of the Year to the Tropical Park Track and Field Stadium Designed by The BetaJones Group.
- The BetaJones Group has been awarded CCNA Projects with multiple Municipalities in Florida for the past 10 years.
- The BetaJones Group has worked in the entire range of Municipal Projects, from Water and Sewer Facilities, Pipelines and Pump Stations, to Large Master Stormwater Plan Projects, Airport Projects, Park Projects, Bus Shelter/Stop Planning, Location and Design, Roadway Renovations, Museums, Historical Buildings, etc..
- Mr. Luis Betalleluz, President of The BetaJones Group and proposed Project Manager to this Project has worked in over 100 successfully completed Municipal Projects in the past 22 years.
- Mr. Luis Betalleluz, President of The BetaJones Group and proposed Project Manager to this Project has worked in over 40 successfully completed Master Stormwater Planning Studies/Reports in his career since 1998 including 10 Communities between 1,000 to 9,000 Acres in size.
- Mr. Luis Betalleluz, President of The BetaJones Group and proposed Project Manager to this Project has designed and permitted in over 80% of the County in the State of Florida and has permitted with all 5 Water Management Districts.
- Mr. Luis Betalleluz, President of The BetaJones Group and proposed Project Manager to this Project has previously been elected and held positions with the South Florida Builder's Association as Chair of the Green Building Council and Environmental Code Committees, as well as, has been a Judge (2009-2010) for the National Home Builders Association to Judge the best communities at the Florida Parade of Homes.
- Mr. Luis Betalleluz, President of The BetaJones Group and proposed Project Manager to this Project has worked in over 8 successfully completed projects with the Seminole Tribe of Florida in the past 10 years.
- Mr. Luis Betalleluz, President of The BetaJones Group and proposed Project Manager to this Project has been a member of the American Water Resources Association and Institute since 1998.



*TAB 4
INSURANCE*

INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
 03/20/2020

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

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

PRODUCER Collinsworth Ins & Risk Mgmt Services Inc P.O. Box 661628 Miami Springs FL 33266	CONTACT NAME: Erinn E Collinsworth PHONE (A/C, No, Ext): (786) 930-4795 FAX (A/C, No): (786) 930-4794 E-MAIL ADDRESS: erinn@collinsworthinsurance.com														
INSURED BetaJones Group Inc., The 801 Brickell Ave., Suite 900 Miami FL 33131	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A: Travelers Ind. Co.</td> <td>25658</td> </tr> <tr> <td>INSURER B: The Phoenix Insurance Company</td> <td>25623</td> </tr> <tr> <td>INSURER C: Hanover Ins Co</td> <td>22292</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> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Travelers Ind. Co.	25658	INSURER B: The Phoenix Insurance Company	25623	INSURER C: Hanover Ins Co	22292	INSURER D:		INSURER E:		INSURER F:	
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INSURER E:															
INSURER F:															

COVERAGES **CERTIFICATE NUMBER:** Cert ID 4203 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS								
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			660-9K49687A	03/30/2020	03/30/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 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 \$								
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/>			BA-9K497318	03/30/2020	03/30/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 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 RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$								
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">PER STATUTE</th> <th style="width: 50%;">OTH-ER</th> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$</td> </tr> </table>	PER STATUTE	OTH-ER	E.L. EACH ACCIDENT	\$	E.L. DISEASE - EA EMPLOYEE	\$	E.L. DISEASE - POLICY LIMIT	\$
PER STATUTE	OTH-ER														
E.L. EACH ACCIDENT	\$														
E.L. DISEASE - EA EMPLOYEE	\$														
E.L. DISEASE - POLICY LIMIT	\$														
C	Professional Liability			LHJ D878887 00 Claims-Made Basis	03/30/2019	03/30/2021	Each Claim \$ 1,000,000 Annual Aggregate \$ 1,000,000								

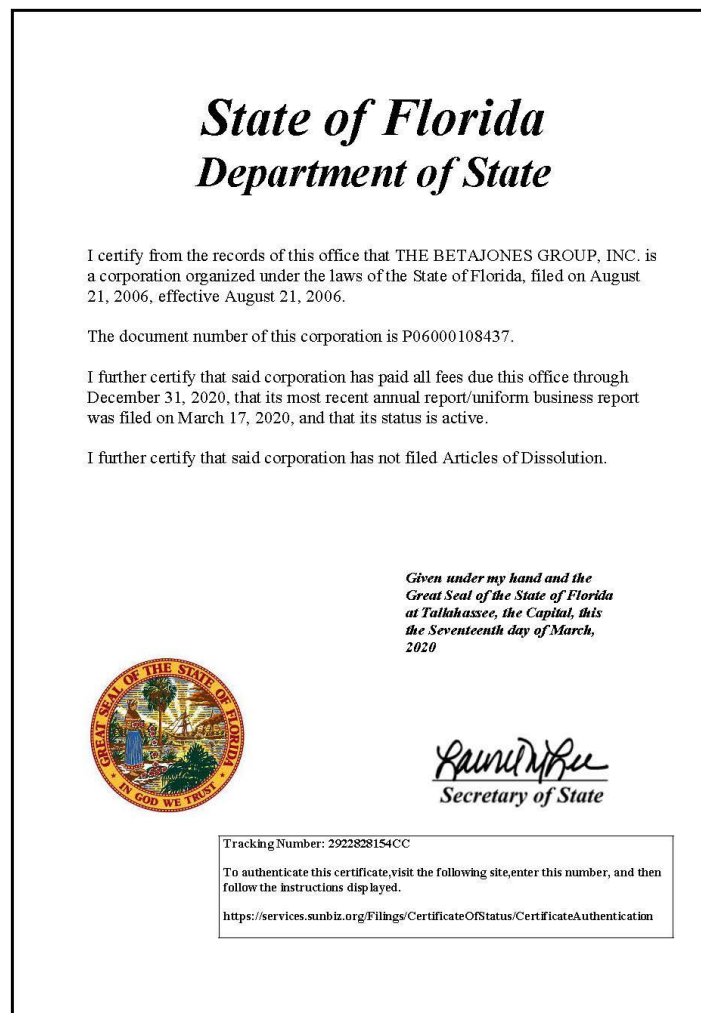
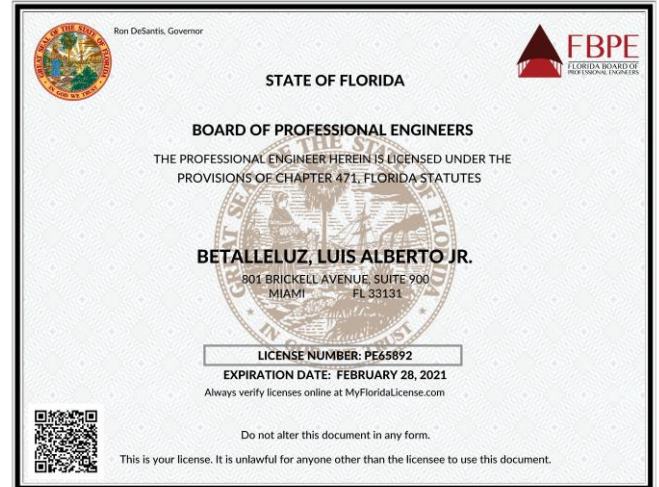
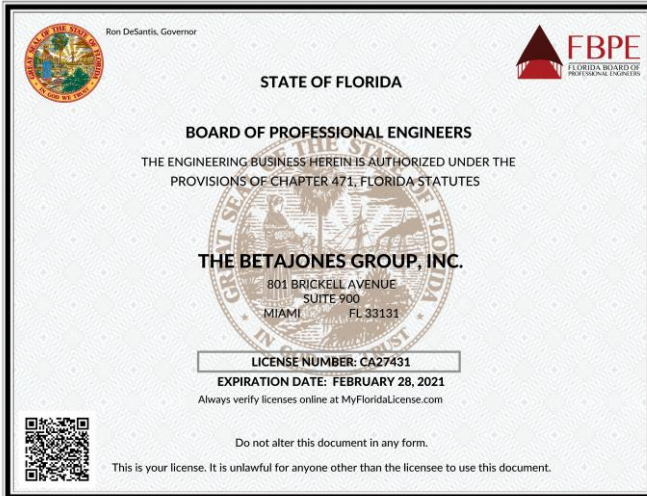
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER *****SPECIMEN***** *****SPECIMEN*****	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	--



TAB 5
LICENSES

LICENSES



ARCHITECT



Ron DeSantis, Governor

Halsey Beshears, Secretary



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

THE ARCHITECT HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

L'ECUYER, STEPHANE

3323 NE 163RD STREET, SUITE 200
NORTH MIAMI BEACH FL 33160

LICENSE NUMBER: AR93637

EXPIRATION DATE: FEBRUARY 28, 2021

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TRAFFIC ENGINEER


RICK SCOTT, GOVERNOR
 JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 BOARD OF PROFESSIONAL ENGINEERS
 THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
 PROVISIONS OF CHAPTER 471, FLORIDA STATUTES



CALTRAN ENGINEERING GROUP, INC.
 790 NW 107 AVENUE
 SUITE 200
 MIAMI FL 33172

LICENSE NUMBER: CA29379
 EXPIRATION DATE: FEBRUARY 28, 2021
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RICK SCOTT, GOVERNOR
 JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 BOARD OF PROFESSIONAL ENGINEERS
 THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
 PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

CALDERON, JUAN S.
 790 NW 107 AVE
 SUITE 200
 MIAMI FL 33172

LICENSE NUMBER: PE58569
 EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor
 Halsey Beshears, Secretary




STATE OF FLORIDA
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 BOARD OF PROFESSIONAL ENGINEERS
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PEREZ, CARLOS M.
 8500 SW 81ST LANE
 MIAMI FL 33143

LICENSE NUMBER: PE63521
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 Halsey Beshears, Secretary

STATE OF FLORIDA
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 BOARD OF PROFESSIONAL ENGINEERS
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LIU, JEANNELIA P.
 1411 SIENA AVENUE
 CORAL GABLES FL 33146

LICENSE NUMBER: PE57565
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GEOTECHNICAL ENGINEER, ENVIRONMENTAL ENGINEER & WILDLIFE


RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY


STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
 THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
 PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
TERRACON CONSULTANTS, INC.
 10841 S RIDGEVIEW ROAD
 OLATHE KS 66061

LICENSE NUMBER: CA8830
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor
Halsey Beshears, 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
TERRACON CONSULTANTS INC
 MICHAEL W SCHRUM
 1675 LEE ROAD
 WINTER PARK FL 32789

LICENSE NUMBER: ZA337
EXPIRATION DATE: NOVEMBER 30, 2021
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State of Florida Department of State


I certify from the records of this office that TERRACON CONSULTANTS, INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on December 31, 2003.


The document number of this corporation is F04000000114.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 9, 2020, 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 Ninth day of January, 2020*




 Secretary of State

Tracking Number: 8115446990CC

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

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

United States Environmental Protection Agency

This is to certify that



Terracon Consultants Inc.

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint renovation, repair, and painting activities pursuant to 40 CFR Part 745.89

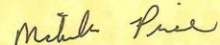
In the Jurisdiction of:

All EPA Administered States, Tribes, and Territories


This certification is valid from the date of issuance and expires May 19, 2021


NAT-2606-2
Certification #
July 30, 2014
Issued On




Michelle Price, Chief
Lead, Heavy Metals, and Inorganics Branch

GEOTECHNICAL ENGINEER

 RICK SCOTT, GOVERNOR


JONATHAN ZACHEM, SECRETARY 

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


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


SOTO, HUGO E
15450 SW 27TH STREET
MIAMI FL 33185

LICENSE NUMBER: PE36440
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 Ron DeSantis, Governor


 FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

STATE OF FLORIDA
BOARD OF PROFESSIONAL ENGINEERS

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

NULKAR, RUTUGANDHA H.
5371 NW33RD AVENUE
SUITE 201
FORT LAUDERDALE FL 33309


LICENSE NUMBER: PE70625
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ENVIRONMENTAL ENGINEER

Ron DeSantis, Governor



STATE OF FLORIDA




BOARD OF PROFESSIONAL ENGINEERS

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

BARROSO-GIACHETTI, LUCAS ALBERTO
16570 NE 26TH AVENUE
APT. 6B
NORTH MIAMI BEACH FL 33160

LICENSE NUMBER: PE60283
EXPIRATION DATE: FEBRUARY 28, 2021
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THIS CERTIFIES THAT

LUCAS A. BARROSO-GIACHETTI

HAS SUCCESSFULLY MET ALL THE REQUIREMENTS OF EDUCATION, EXPERIENCE AND EXAMINATION, AND IS HEREBY DESIGNATED A

**CERTIFIED HAZARDOUS MATERIALS MANAGER
CHMM**

June 30, 2006 DATE OF CERTIFICATION
13849 CREDENTIAL NUMBER
June 30, 2022 CERTIFICATION EXPIRES



Eric Sutton ENGINEER DIRECTOR



Accredited by the American National Standards Institute and



WILDLIFE

Richard Chinn Environmental Training, Inc.

certifies that

Brian Brandon

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate No. 7478 and 3.8 CEUs from December 2 - 5, 2014 in Gainesville, Florida



Richard Chinn, PWS, CET

Richard Chinn Environmental Training, Inc.
804 Cottage Hill Way, Brandon, FL 33511-8098

1.800.427.0307 • FAX: 1.813.354.4659 • info@richardchinn.com • http://www.richardchinn.com

This training has been listed in part on the U. S. Army Corps of Engineers Wetland Delineation Manual (Technical Report 9-87-1 (1987 manual), as provided for in the training materials developed in conjunction with section 309(b) of the Water Resources Development Act of 1986 for the wetland delineation certification program.



Authorized Gopher Tortoise Agent
FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
Division of Habitat and Species Conservation
Species Conservation Planning Section
620 South Meridian Street, Mail Station 2A
Tallahassee, Florida 32399-1500
(850) 921-1031

Permittee Name: Brian Brandon
Permittee Address: Terracon Consultants Inc.
14521 Lisalynne Court
ORLANDO, FLORIDA 32826
UNITED STATES

Permit Number: GTA-14-00004C
Effective Date: November 26, 2019
Expiration Date: January 24, 2022

IS AUTHORIZED TO:

1. Conduct gopher tortoise surveys
2. Capture gopher tortoises using bucket traps
3. Capture gopher tortoises using live traps
4. Capture gopher tortoises using hand shovel excavation of gopher tortoise burrows
5. Mark, transport, and release captured gopher tortoises at recipient sites

Permittee Signature:  Date: November 26, 2019

Not valid unless signed. By signature, confirms that all information provided to issue the permit is accurate and complete, and indicates acceptance and understanding of the provisions and conditions listed below. **Any false statements or misrepresentations when applying for this permit may result in felony charges and will result in revocation of this permit.**

Authorized By: Eric Seckinger Authorized for: Eric Sutton, Executive Director

Authorizing Signature:  Date: 11/26/2019
Species Conservation Planning Section

Is Authorized To (Continued)

This permit is in effect an amendment and supersedes all previous versions. The affiliation of the Permittee has been changed. All other amended conditions and provisions of the previous permit (changed or new items) are indicated in bold text.

PERMIT CONDITIONS AND PROVISIONS:

1. Authorization to conduct the specified activities in association with the relocation of gopher tortoises in Florida is subject to Rules 68A-9.002 and 68A-27, Florida Administrative Code (F.A.C.), the Gopher Tortoise Permitting Guidelines (April 2008 - revised January 2017) [hereafter, the "Permitting Guidelines"], and subsequent revisions of these guidelines that are in effect at the time the authorized activities are conducted, and subject to the following provisions/conditions.
2. Authorized activities are also predicated and conditioned on the information and assurances provided in the Permittee's **11/26/2019 application**, the assurances of which are herein incorporated by reference.
3. The Permittee shall only take, attempt to take, pursue, hunt, harass, capture, possess, or transport gopher tortoises, or molest, damage or destroy any gopher tortoise burrows when such activity is authorized by a separate permit (e.g., Conservation, 10 or Fewer Burrows, Temporary Exclusion, Recipient Site, Scientific Collecting) issued by the FWC for a specified property that authorizes the Permittee to capture and possess gopher tortoises from or within that property.
4. Gopher tortoise burrow surveys must be conducted in accordance with the Permitting Guidelines, or as amended. Surveys must be conducted no more than 90 days prior to submitting a relocation application.
5. Tortoises shall only be relocated when the low temperature at the recipient site is forecasted by the National Weather Service to be above 50° Fahrenheit for three consecutive days after release (including the day of relocation). This three-day window of milder overnight temperatures is required to allow the relocated tortoises to settle into the recipient site and to reduce the chance of cold-related stress or mortality.
6. Captured gopher tortoises that show signs of disease (i.e., nasal and ocular discharge, emaciation, etc.) shall not

SURVEYOR



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

December 11, 2018

ORLANDO GRANDAL
1598 SW 25TH AVE
MIAMI, FL 33145-2039

SUBJECT: Professional Surveyor and Mapper License # LS6677

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

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

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

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

Detach Here



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

LS6677

**Professional Surveyor and Mapper
ORLANDO GRANDAL**

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

Detach Here



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

License No.: **LS6677**
Expiration Date February 28, 2021

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

ORLANDO GRANDAL
1598 SW 25TH AVE
MIAMI, FL 33145-2039

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.

LANDSCAPE ARCHITECT



Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

TONNING, WAYNE KYLE

4855 NW 92 TERRACE
CORAL SPRINGS FL 33067

LICENSE NUMBER: LA6666709

EXPIRATION DATE: NOVEMBER 30, 2021

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*TAB 6
ADDENDUMS*



**CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY**

1948 Harrison Street
Hollywood, FL 33020
Phone (954) 924-2980 Fax (954) 924-2981

ADDENDUM NUMBER 1

Date: **10/22/2020**

FOR: **Request for Design Services**
FILE NUMBER: **DCRA 20-027**

ALL APPLICANTS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:

This addendum is issued as part of the Request For Qualifications Documents for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated with closing date of October 28, 2020. The Applicant shall coordinate all modifications herein with all trades and disciplines related to the work. The Applicant shall acknowledge receipt of this addendum in the RFQ documents by including the addendum. Failure to do so may subject Bidder to disqualification.

CLARIFICATION

Question 1: Will the architectural firm who provided the Hollywood Blvd Streetscape Analysis be precluded from submitting a proposal?

Clarification: The RFQ is open to all architectural/engineering consulting firms.

Question 2: Coastal Systems would like to know if the City plans on scheduling a mandatory/optional pre-bid meeting for RFQ No. DCRA 20-027.

Clarification: No, there is no plan to schedule a pre bid meeting.

Question 3: We would like to verify if Bermello Ajamil will be precluded from this contract?



**CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY**

1948 Harrison Street
Hollywood, FL 33020
Phone (954) 924-2980 Fax (954) 924-2981

ADDENDUM NUMBER 1

Clarification: The RFQ is open to all architectural/engineering consulting firms and the CRA can't preclude Bermello Ajamil.

Question 4: Is electronic submittal required?

Clarification: Yes. Provide 5 hard copies and 1 electronic file of the submittal package.

Question 5: What is the design and/or construction budget currently estimated at?

Clarification: \$6M.

Question 6: Were any preliminary drawings or renderings completed? If so, can those be provided?

Clarification: There are renderings which are included in the RFQ package and called: Attachment "A".

Question 7: Page 3 Scope of Services mentions an accelerated schedule – what is that preferred schedule?

Clarification: 4-5 Months.

Question 8: Under Section II. 'Scope of Services' in describing attachment "A" it is stated that "since attachment "A" represents the master plan for Hollywood Blvd the selected consultant is expected to provide the CRA with construction drawings on an accelerated schedule". In the next paragraph it is stated that upon meeting with the CRA "Preliminary plans will be provided to the Consultant". Based on the above mentioned statements, is it safe to assume that while the master plan design has been developed to a sufficient level of detail to define the spirit and scope of work, that the selected team is to work with the CRA and stakeholders to develop that concept design further as initial schematic design documents are developed for pricing?"



**CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY**

1948 Harrison Street
Hollywood, FL 33020
Phone (954) 924-2980 Fax (954) 924-2981

ADDENDUM NUMBER 1

Clarification: Attachment "A" represent work in progress of the master plan. Currently the CRA consultant continues to work on the master plan which will be provided to the selected firm as basis to develop construction documents. The CRA is intending to hire CMAR to work closely with the selected firm and provide value engineering.

Question 9: Can the RFQ be led by an architecture firm with an engineering firm as a sub or should this be the other way around? We have partners lined up. Just want to make sure who should be spearheading this RFQ.

Clarification: Yes, the team could be led by an architecture firm.

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE RFQ DOCUMENTS.

Moshe Anuar, P.E., Senior Coastal Project Manager
Community Redevelopment Agency