CITY OF KEY WEST

REQUEST FOR QUALIFICATIONS FOR

GENERAL ENGINEERING SERVICES

Civil Engineering
Utility Engineering
Solid Waste Engineering
Coastal Engineering
Structural Engineering
Mechanical Engineering

RFQ # 22-006

DECEMBER 7, 2022

Trumbo Road, Key West, FL

Sailfish Pier, Key West, FL

Reynolds Street Pier-Scenic Overlooks, Key West, FL

Duval Street Paving Improvements, Key West, FL

TABLE OF CONTENTS

TAB 1.
COVER LETTER 1

TAB 2.
INFORMATION PAGE 2

TAB 3.
ORGANIZATION CHART 4

TAB 4.
COMPANY INFORMATION 6

TAB 5.
METHODOLOGY AND APPROACH 8

TAB 6.
PERSONNEL 13

TAB 7.
QUALIFICATIONS 27

TAB 8.
REPRESENTATIVE ENGINEERING EXPERIENCE
AND CLIENT REFERENCES 40

TAB 9.
SWORN STATEMENTS AND AFFIDAVITS //
LICENSES AND CERTIFICATIONS 41

TAB 1.
COVER LETTER

TAB 1. COVER LETTER

December 7, 2022

Stantec
901 Ponce de Leon Boulevard, Suite 900
Coral Gables, Florida 33134

City of Key West
City Clerk
1300 White Street, Key West, Florida 33040

RE: RFQ #22-006 // General Engineering Services

Members of the Selection Committee,

What kind of team does it take to provide you with the right combination of enthusiasm, qualifications, and experience for this contract? It takes a team that works together and is driven to achieve. At Stantec, we collaborate across disciplines and industries to bring projects to life. We are ready to continue as your partner and meet your needs in a creative and personalized way. Our in-house design team includes civil, environmental, utilities, roadway, drainage, water, wastewater, mechanical, electrical, plumbing, transportation and traffic, and structural engineering, along with architectural services and construction engineering and inspections. Rounding out our team we have included sub-consultants providing surveying and mapping, geotechnical and environmental permitting services. Our complete team has extensive experience in the planning, design and rehabilitation of every type of public facility. We are fortunate to have been awarded over 60 continuing services contracts for various public sector agencies throughout South Florida, and many more around the globe. The success of these contracts has provided Stantec with a clear understanding of these services, and knowledge that we must remain on call and provide immediate response for the needs at hand. We are also excited to share that Cardno is now a part of Stantec, bringing with them solid experience and resources on City of Key West projects that further strengthen our team.

Stantec and our project team members are very committed to the City of Key West, and we appreciate your consideration of our qualifications for the following categories:

- Civil Engineering
- Utility Engineering
- Solid Waste Engineering
- Coastal Engineering
- Structural Engineering
- Mechanical Engineering

Stantec has worked with numerous local municipalities under General or Continuing Service contracts throughout the area, including the City of Key West. Project assignments completed for the City include Sailfish Pier Replacement, Dolphin Pier Replacement, Kingfish Pier Replacement, Trumbo Road Shoreline Stabilization, Trumbo Road Floating Docks, Angela Street Reconstruction, 10th Street Lake Park, Historic Seaport Seawall CEI, Duval Street CEI, Bight Master Plan Assessment, Whitehead Street Pay Stations, Waste Transfer Stations, and Solid Waste RFP Assistance. In the process of technical review of pump station, Additionally, we have worked on a number of Capital projects in the area including a Mote Marine Research Laboratory, runway pavement investigation for Boca Chica NAS, the FDOT CEI services for SR A1A in Key West, the Marathon City Park Expansion, the Environmental Assessment of Houseboat Row Seagrass Restoration in Key West, and the Jacobs Aquatic Complex on Key Largo to name a few. Our Coral Gables office, with its 100 employees, will be managing this project for the City.

Ramon Castella, PE, ENV SP, LEED AP, will be the Principal in Charge and Sean Compel, PE, ENV SP, LEED AP will be the Project/Client Manager for this contract. Ramon is legally authorized to negotiate and execute the contract on behalf of our firm, as well as make representations for our firm during the evaluation phase. Ramon and Sean are both extremely familiar with continuing professional services contracts and have a true understanding of what it takes to exceed the City's goals. They have both personally worked on City of Key West projects for the past 10 years and continue to work on City assignments today. Sean will act as a single point of contact to ensure that the right personnel are assigned to the project and have the resources necessary to be successful. Our submittal shows a wide variety of professionals available to be assigned to respond to the City's needs. We encourage you to review the submittal to see the wide range of expertise that Stantec brings to the City and we ensure that all the information submitted is complete and accurate. The City may also contact any of our previous clients, as we have a great relationship with them.

We thank you for the opportunity to submit this proposal. Our team has the commitment, expertise, and capacity to deliver multiple complex projects at the same time. We see this as an opportunity to continue a long-term relationship and commitment to the City of Key West. You have our personal assurance that your projects will receive the energy and attention they deserve.

Ramon Castella, PE, ENV SP, LEED AP
Principal in Charge
M: 786-493-8688 // ramon.castella@stantec.com

Sean Compel, PE, ENV SP, LEED AP
Project/Client Manager
M: 786 502-0770 // sean.compel@stantec.com

TAB 2.
INFORMATION PAGE

TAB 2. INFORMATION PAGE

City of Key West
General Engineering Services

Request for Qualification #22-006

Prime Firm:

Stantec Consulting Services Inc.

Project Manager Contact Information:

Sean Compel, PE, ENV SP, LEED AP
901 Ponce de Leon Boulevard, Suite 900
Coral Gables, Florida 33134

Office: 305 445-2900 x 2230
Direct: 786 437-6268
Mobile: 786 502-0770
Fax: 305-445-3366
sean.compel@stantec.com

Authority to Make Representations for the Firm Contact Information:

Ramon Castella, PE, ENV SP, LEED AP
901 Ponce de Leon Boulevard, Suite 900
Coral Gables, Florida 33134
T. 305-445-2900 / F. 305-445-3366
ramon.castella@stantec.com

Date of Submittal:

December 7, 2022

OFFICER'S CERTIFICATE
of
STANTEC CONSULTING SERVICES INC.
A **NEW YORK** CORPORATION

I, the undersigned, do hereby certify that:

1. I am the duly elected and acting **Corporate Counsel** of **Stantec Consulting Services Inc.**, a **New York** corporation (the "**Corporation**").

2. On **April 1, 2022**, the following resolution was adopted by the Corporation's Board of Directors:

BE IT RESOLVED THAT:

1. the Corporation hereby adopts the Signing Authority Policy, as modified or amended from time to time, of Stantec Inc.;

2. execution of any documents for and on behalf of the Corporation shall be governed by the Signing Authority Policy, as modified or amended from time to time, of Stantec Inc.; and

3. the Secretary or any of the Corporate Counsels of the Corporation be authorized, empowered and directed from time to time as required to facilitate the execution of contracts or submission of proposals, to sign, and to seal with the Corporate Seal, Certificates of the foregoing action evidencing the authority delegated in the Signing Authority Policy, as amended from time to time, of Stantec Inc.

Ramon Castella is a **Vice President** of the Corporation, and in that capacity is duly authorized to sign proposals and enter into agreements for professional services in accordance with the Corporation's Signing Authority Policy in connection with the following project:

Key West General Engineering Services (RFQ # 22-006)
City of Key West

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Corporation, this 8th day of November, 2022.

Katharine LaFrance,
Corporate Counsel

STANTEC CONSULTING SERVICES INC.
Corporate Seal

TAB 3. ORGANIZATIONAL CHART

TAB 3. ORGANIZATIONAL CHART

Stantec's team combines deep local knowledge and ready resources with award-winning expertise and best practices. Our broad-based knowledge of Key West, along with our seasoned engineers and disciplinary experts, and the right management team will deliver successful results on time and within budget. This is a "tried and true" team.

PRINCIPAL IN CHARGE

Ramon Castella, PE, ENV SP, LEED AP

QA/QC MANAGER

Jeffrey Crews, PE, LEED AP

CLIENT/PROJECT MANAGER

Sean Compel, PE, ENV SP, LEED AP

PRIMARY DISCIPLINES

CIVIL ENGINEERING

Carlos Herdocia, PE, LEED AP
Senior Roadway Engineer

Juan Restrepo, PE
Senior Roadway Engineer

Chris Benitez, PE, PTOE, RSP
Senior Traffic Engineer

STRUCTURAL ENGINEERING

Ananda Bergeron, PE
(Cardno now part of Stantec)
Senior Structural Engineer

Pablo Garcia, PE
Senior Structural Engineer

UTILITY ENGINEERING

Dave Clarke, PE, CFM
Senior Civil Engineer

Oscar Bello, PE
Senior Civil Engineer

Marlon Medina, PE, CFM
Senior Civil Engineer

Jeovanni Ayala-Lugo, PE
Senior Civil Engineer

SOLID WASTE ENGINEERING

Don Fuller, PE
Senior Civil Engineer

Rod Ambrosie, PE
Senior Civil Engineer

Terry Griffin, PE
Senior Civil Engineer

Randy Hanson
Senior Civil Designer

COASTAL ENGINEERING

Tery Glunt, PE, LEED AP
Senior Marine Engineer

Matthew Starr, PG
Senior Marine Engineer

MECHANICAL ENGINEERING

Roman Reyes, PE, LEED AP
Mechanical Engineer

Jonathan Quintero, PE
Mechanical Engineer

SHARED SUPPORT SERVICES

ARCHITECTURE

Elvira Freire-Santamaria, AIA, LEED

LANDSCAPE ARCHITECTURE

Kevin Mangan, PLA, ASLA

Adam Markle, ASLA, CLARB, LEED AP

ENVIRONMENTAL

Nicole Carter, MS

Brook Wolfe, LEED AP

Greg Schultz, PE
(Cardno now part of Stantec)

ELECTRICAL ENGINEERING

Bradley Buchanan, PE

CONTRACT SPECIFICATIONS

Juan Bolivar, PE, LEED AP, PMP

BID REVIEW

Shehab Bata, PE

CONSTRUCTION MANAGEMENT / CEI

Pat Kennedy
(Cardno now part of Stantec)

William Stuckey, PE
(Cardno now part of Stantec)

Frankie Padro
(Cardno now part of Stantec)

ADDITIONAL SUPPORT SERVICES

SURVEYING & MAPPING

Florida Keys Land Surveying, LLC

Eric Isaacs, PSM, PLS

Matthew Blomberg

ENVIRONMENTAL PERMITTING

Terramar Environmental Services, Inc.

Philip Frank, PhD

Rowena Garcia

GEOTECHNICAL ENGINEERING

Nutting Engineers of Florida, Inc.

Richard Wohlfarth, PE

Stephen Mrachek, PE

TEAM INFORMATION

Name ** Resume provided*	**Location**	**Availability**	**Civil Engineering**	**Utility Engineering**	**Solid Waste Engineering**	**Coastal Engineering**	**Structural Engineering**	**Mechanical Engineering**	**Surveying**	**Geotechnical Engineering**	**Architecture**	**Landscape and Irrigation**	**Environmental Assessments**	**Electrical Engineering**	**Contract Specifications**	**Docks, Marinas, Seawall, and Bridges**	**Erosion Control, Beach Design & Re-nourishment**	**LEED Certified**	**Owner Representation**	**Permitting**	**Construction Admin./CEI**
*Ramon Castella, PE, LEED AP	Coral Gables, FL	**35%**	X	X		X									X	X	X	X	X	X	X
*Sean Compel, PE, LEED AP	Coral Gables, FL	**60%**	X	X		X									X	X	X	X	X	X	X
*Jeffrey Crews, PE, LEED AP	Deerfield Beach, FL	**45%**	X	X		X	X								X	X	X	X	X	X	X
*Carlos Herdocia, PE, LEED AP	Coral Gables, FL	**65%**	X	X											X		X	X		X	X
*Juan Restrepo, PE	Coral Gables, FL	**40%**	X												X					X	X
*Chris Benitez, PE, PTOE, RSP	Coral Gables, FL	**45%**	X																		
*Ananda Bergeron, PE	Clearwater, FL	**50%**					X								X					X	
*Pablo Garcia, PE	Miami, FL	**55%**					X								X					X	
*Dave Clarke, PE, CFM	Coral Gables, FL	**50%**	X	X											X		X			X	X
*Oscar Bello, PE	Deerfield Beach, FL	**50%**	X	X		X									X				X	X	X
*Marlon Medina, PE, CFM	Coral Gables, FL	**60%**	X	X		X									X					X	X
Jeovanni Ayala-Lugo, PE	Tampa, FL	**35%**	X	X		X														X	
*Don Fuller, PE	Lexington, KY	**45%**			X															X	X
Rod Ambrosie, PE	Fargo, NC	**45%**	X		X															X	
*Terry Griffin, PE	Clearwater, FL	**45%**	X		X																
Randy Hanson	Fargo, North Dakota	**55%**	X		X															X	X
*Tery Glunt, PE, LEED AP	Deerfield Beach, FL	**65%**	X			X									X	X		X	X	X	X
*Matthew Starr, PG	Tampa, FL	**70%**				X									X	X	X		X	X	X
*Roman Reyes, PE, LEED AP	Miami, FL	**45%**						X										X			
Jonathan Quintero, PE	Miami, FL	**50%**						X													
Elvira Freire, AIA, LEED AP	Miami, FL	**35%**									X				X			X		X	X
*Kevin Mangan, PLA, ASLA	Naples, FL	**50%**										X			X						
Adam Markle, ASLA, CLARB, LEED AP	Tampa, FL	**45%**										X						X			
*Nicole Carter, MS	Coral Gables, FL	**30%**											X			X	X			X	
Brook Wolfe, LEED AP	Coral Gables, FL	**30%**											X			X	X	X		X	X
*Greg Schultz, PE	Clearwater, FL	**65%**											X							X	
*Bradley Buchanan, PE	Deerfield Beach, FL	**65%**												X	X						
*Juan Bolivar, PE, LEED AP	W. Palm Beach, FL	**50%**	X															X		X	X
Shehab Bata, PE	Deerfield Beach, FL	**50%**	X												X	X				X	X
*Pat Kennedy	Ft. Pierce, FL	**60%**	X																		X
*William Stuckey, PE	W. Palm Beach, FL	**60%**	X																		X
*Frankie Padro	Ft. Pierce, FL	**45%**	X																	X	X
*Eric Isaacs, PSM, PLS (FKLS)	Summerland Key, FL	**30%**							X											X	X
Matthew Blomberg (FKLS)	Summerland Key, FL	**30%**							X												
*Philip Frank, PhD (TRM)	Sugarloaf Key, FL	**75%**																		X	X
Rowena Garcia (TRM)	Sugarloaf Key, FL	**75%**																		X	X
*Richard Wohlfarth, PE (NEF)	Miami, FL	**60%**								X											
Stephen Mrachek, PE (NEF)	Miami, FL	**60%**								X											

TAB 4. COMPANY INFORMATION

TAB 4. COMPANY INFORMATION

We're active members of the communities we serve. That's why at Stantec, we always design with community in mind.

Stantec has been providing responsive, quality engineering services in Florida for over 65 years. We are committed to making Florida a better place to live, recreate, work and invest. With that goal in mind, we work on projects that help improve our communities, our quality of life, and the everything that supports them. We're planners, designers, engineers, scientists, and project managers, innovating together at the intersection of community, creativity, and client relationships. Continually striving to balance economic, environmental, and social responsibilities, we are recognized as a world-class leader and innovator in the delivery of sustainable solutions. **We support our public clients in a diverse range of markets at every stage, from the initial conceptualization and financial feasibility study to project completion and beyond.**

Located throughout the State of Florida, and beyond, **our Coral Gables office will lead this contract**. Stantec's strong commitment to client satisfaction is the foundation of our service to you and has built the success we have had. Our multidisciplinary team has the qualifications to deliver an outstanding contract, with expertise in all disciplines required for this RFQ. We have a deep bench of team members who have worked with the City of Key West throughout their careers, have had direct hands-on experience in contracts similar to this and the opportunities and challenges it presents, have a proven track record in projects of this characteristics, and is configured to be flexible and adaptable to nuances that will arise from a contract of this nature.

We believe Stantec presents a team second to none in terms of the depth of local (and global) resources available, understanding of the requirements of this exciting contract, providing the technical expertise and management team to deliver a successful project on time and within budget, but also understanding and working with the City of Key West including residents and stakeholders. This is our home and we are proud of our track record in working closely with local municipalities for the upgrade, expansion, and preservation of our community's infrastructure.

Our Services

For this contract, we will be pursuing all of the requested services: Civil Engineering, Utility Engineering, Solid Waste Engineering, Coastal Engineering, Structural Engineering, and Mechanical Engineering.

The Stantec team has a great deal of experience in general **civil engineering** projects in the South Florida area, especially in roadway, site planning and parks and recreation. We have extensive experience in roadway improvements, beautifying areas with streetscape and landscaping while providing necessary infrastructure upgrades including drainage, water, and sewer. Additional engineering experience includes numerous roadway improvements including widenings, reconstruction, drainage upgrades, signalized intersections, and traffic calming. Pedestrian safety is our utmost concern, with critical thinking philosophy applied to sidewalk setbacks, ADA ramp locations, cross walk identification, mixed-use bike and pedestrian applications, wayfinding signage, adequate safety lighting, bus stops and school bus routes. Our goal is to provide an integrated approach with innovative solutions to satisfy the City and its residents.

We have a deep bench of local **utility engineering** experience. We are leaders in conveyance, hydrogeology design, utility financing, operations and maintenance of treatment plants and systems, distribution and storage facilities, and utility asset management using GIS. **We have worked with many utilities from conducting infrastructure assessment to replacement of aging and undersized water and wastewater pipelines utilizing open-cut, pipe bursting, and horizontal directional drill.** Our experience in design of water distribution and wastewater collection systems includes miles of pipeline in various materials ranging in size from 2-inch thru 66-inches here in south Florida. We offer a specialized integrated team of hydraulic modelers with experience in developing, calibrating, testing, and analyzing computer models that simulate the hydraulics of potable water distribution and wastewater collection systems using infowater and infoworks. We have completed numerous hydraulic models to assist our clients with master planning, capacity evaluation, water quality/age and fire flow. Stantec has completed the design of over 1,000 water and wastewater pump/lift stations, ranging in capacity from 230 gpm to 640,000 gpm, with connected horsepower as high as 94,000 HP. We have partnered with numerous utilities in the assessment, repair, and rehabilitation and design of above ground storage tanks.

Stantec provides solutions for developing an overall program for **solid waste engineering**, through to opportunity assessments and implementation. We also understand the challenges associated with operating, maintaining, and expanding solid waste operations. We endeavor to establish economically feasible solutions to complex regulations and evaluate the economics and overall effect of solid waste facilities on surrounding communities.

We recognize the key to developing solid waste management systems is a thorough understanding of waste types and quantities, including historic/future trends and the effects on demographics. With increasingly stringent environmental regulations, established methods of solid waste disposal have been scrutinized. Our experience extends beyond traditional design and construction services to include facility management and operation.

Our team's combined expertise in **coastal engineering**, living shorelines, marinas, docks, seawalls, tidal mitigation, shoreline erosion, coastal modeling, breakwater design, beach nourishment, hydrographic surveying, state/federal permitting, dredging, ecological assessments, local/ federal disaster response, bid documents, contractor procurement, and construction management has been beneficial to support other local municipalities in Florida. The operational knowledge learned through years of shoreline protection and marine projects for other clients in Florida, such as the City of Miami Beach, Monroe, Palm

Beach, Santa Rosa and St. Lucie Counties, will be of direct benefit to the City. Coastal Engineering is a big part of what we do, and we are 100% committed to the City of Key West.

Our **structural engineers** have done it all - from buildings to bridge structure design, and threshold building inspections to forensic investigations. Signature design projects include the West Mashta Drive Bridge in Key Biscayne, the seven (7) Las Olas area bridge renovations in Fort Lauderdale, the 10th Avenue North and the 6th Avenue South Bridges over the E-3 Canal, the Palmetto Expressway, SR-836 Interchange bridges, and a number of projects performed under our FDOT Continuing Service contracts for minor bridge design. Other structural projects include the forensic investigation of several parking garages throughout South Florida, as well as for various fishing docks, boardwalks and boat ramp complexes.

One of the best resources of the Stantec team is having architecture and **MEP engineering services** in house. With a seasoned team of both architects and engineers working under the same roof, projects are approached in a holistic view with all disciplines working in harmony to achieve the same goal. In addition, our architectural, structural and MEP professionals work with state of the art software such as REVIT and Arcsys 3D which allows for 3D modelling and better conflict detection and resolution capabilities. The design team can create CAD plans from old blueprints as well as design new projects from inception. And knowledge of the Florida Building Code and local Land Development Codes allows the designers to work more efficiently.

Our Partners

The in-house Stantec team has grown recently to include Cardno Inc. via an acquisition that closed in December 2021, and with this addition comes an expansion of our already robust local expertise and experience on City of Key West projects.

Cardno, now Stantec, was founded in 1945. Cardno's depth of services spans all aspects of engineering and environmental consulting. They understand client needs, prioritizing and addressing them with a data-driven approach. Their professionals plan and design each project from a unique client perspective while adding up-to-date knowledge of trends, available technology, key environmental issues and government legislation. This way, clients receive the most customized and current services available. They have provided the City and the Monroe County area a wide range of civil engineering services over the years.

Florida Keys Land Surveying, is a state of Florida registered professional land surveying firm located on Sugarloaf Key. They are an established land surveying firm that serves only Monroe County and has been providing land surveying solutions at the federal, state, county, city, and private level in the Florida Keys, since 2010. Florida Keys Land Surveying, LLC is a registered Minority owned Business and is operated under the responsible charge of Professional Surveyor and Mapper Eric Adlai Isaacs. Florida Keys Land Surveying, LLC is licensed, insured and is a sustaining firm member of the Florida Surveying and Mapping Society.

Florida Keys Land Surveying strives to stay abreast of and utilizes the latest in land surveying technology as well as keeping their staff educated in the latest land surveying practices. They utilize the latest equipment and software to make sure that their clients are getting the best possible service and final product. Additionally, the use of the most up to date software and equipment ensures that they can collaborate and share data efficiently with other industry professionals including, engineers, architects and government GIS Map administrators.

Terramar Environmental Services, is a woman-owned, Pacific Islander-owned, small business that specializes in all aspects of environmental services in the Florida Keys and South Florida. The firm has two full time staff with over 60 years of combined experience in environmental issues in the Florida Keys and South Florida. Terramar Environmental Services specializes in wetland delineation, wetland permitting, environmental permitting and regulatory issues, environmental restoration, wildlife surveys, and marine surveys including seagrass and corals.

Terramar Environmental Services has broad experience in conducting environmental assessments, endangered species assessments, habitat delineation and mapping, environmental restoration design and environmental construction management. Clients include the U.S. States Navy, U. S. Coast Guard, Florida Department of Transportation, Broward County Port Everglades, City of Key West, Keys Energy Services, Ley Largo Wastewater District and the Florida Keys Aqueduct Authority.

Nutting Engineers of Florida, has been one of the premier geotechnical engineering firms in South Florida since its inception in 1967. Nutting's comprehensive range of services include geotechnical exploration and engineering including soil borings and groundwater well drilling, monitoring of pile installation, groundwork modification and chemical grouting procedures, quality control/ quality assurance testing of construction materials, structural inspections (special/threshold) of structures.

Nutting's geotechnical exploration and engineering services include site explorations, sample analysis, site and foundation recommendations, site feasibility, ground modification recommendations, large scale geological survey programs, utilization of outcroppings of subsurface materials, resistivity testing, and geophysical techniques such as ground penetrating radar, soil borings, monitoring well installation and seismographic equipment utilization.

Construction materials quality control testing of soil, concrete, asphalt, grout and mortar is performed by field technicians with certifications and training through the Construction Training Qualification Program, ACI, Masonry Inspectors, FL Building Codes and Standards, FDOT, Troxler Nuclear and SFWMD.

TAB 5. METHODOLOGY AND APPROACH

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Proposed Management Approach

Municipalities and publicly-owned utilities have been our backbone clients since shortly after our firm's formation. We know that municipal needs stem from the natural mission of a municipality, which is to serve its citizens with necessary services at a high value - meaning a high ratio of quality to cost. Our mission, therefore, has been to provide high value services to our clients, by understanding those needs and working hard to exceed them. In so doing, we become an extension of our client by making their mission ours as well. And it is for this very reason that Stantec has succeeded in maintaining a long list of repeat municipal clients, with whom long relationships have been formed.

Our understanding of the contract is that the City of Key West is seeking one or more qualified firms to provide general engineering services for this contract. The Stantec team can provide all of these services on a regular basis and understands the needs of how the services are handled.

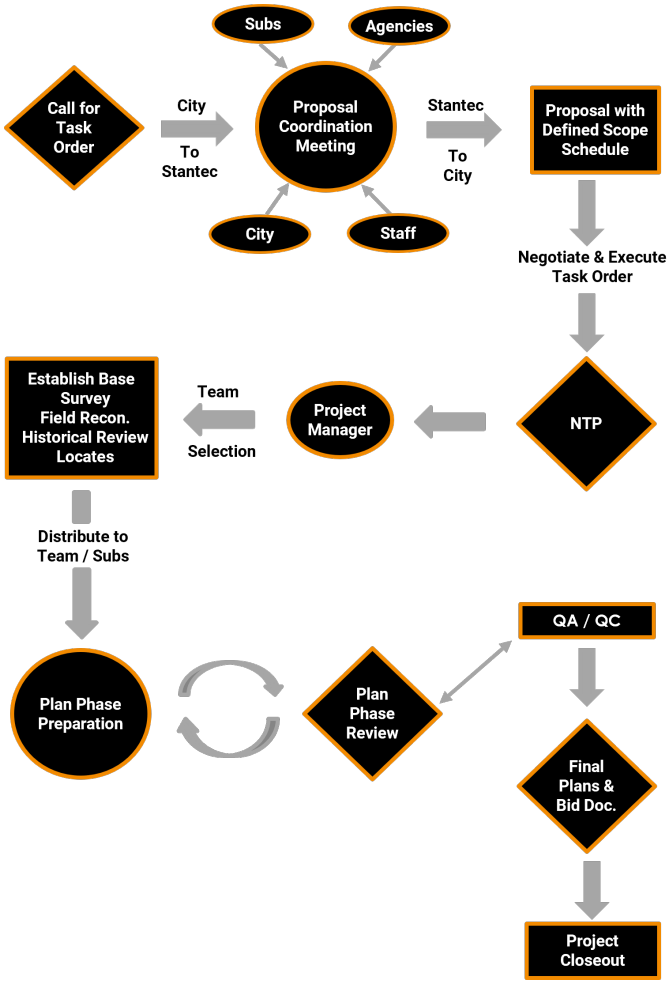
The Stantec team approach to any general service contract is to simplify the process and streamline the effort by assigning the best, most qualified individuals to the assignments, and keeping them in those positions so that the experience they gain through working there allows them to function more efficiently for the owner. Our work on task order-based contracts has provided us with a methodology that can be implemented on all similar type contracts.

The main priority is to develop an organizational structure that meets the needs of the owner by placing experienced staff at their disposal. To this end, an organizational chart is included that indicates the personnel that we are committing to this contract. **Please note that even though individuals have been indicated by their main area of expertise, almost all individuals possess experience and talent that allows them to perform many other civil engineering related tasks beyond that which is shown, to collaborate on projects, and to serve as formal or informal quality reviewers and in support to those individuals in the primary assignment.**

The second priority is to establish clear lines of communication and responsibility, as well as the methods by which all tasks are assigned and handled. For this contract, the Principal in Charge and Project Manager will be vital as the points of contact and all task assignments will go through them. From the moment that a specific task is requested, a specifically designed method of approach is implemented and is outlined in flow chart form as shown herein. This "tracking" method has proven to be very valuable to our clients and has worked well over the years.

Task Order Management Flow Chart

The following task order management flow charts describe the overall steps for a general continuing contract:



For the services requested, we propose to separate the specific tasks as requested by the owner and steer it in the direction of our in-house specialists. As the request for a specific task originates with the City, the principal in charge and client/project manager shall respond to each and every request as the point of contact and then disseminate the work accordingly. In this manner, consistency and continuity are maintained throughout the duration of the contract, and the potential for lost tasks or requests is greatly reduced and eliminated. Interaction with City staff and other consultants will also be addressed up front by the project manager so as not to get involved in too many layers of personnel which can confuse and delay objectives. The idea is for our team to stand in the shoes of the owner as if we were the City and not look at this as an assignment to pick up and complete separately. Since Stantec has an in-house public information department, we are increasingly aware of the importance to act on behalf of the owner as if we were one of the major stakeholders in every action that is taken.

Specifically for this contract, we have assigned **Sean Compel, PE, LEED AP as Client/Project Manager**. Sean is a Principal of our firm and will commit his time to the management of this contract, and has the knowledge, experience, and ability to utilize all available resources and manpower to complete the task successfully. Should the level of attention require that more time is needed, adjustments in internal workload will be made to allow the contract to function as needed. In fact, all general service contracts have peaks and valleys of time requirements that come and go with the needs. Stantec is aware of this and the success of our firm exemplifies the fact that we have learned how to accommodate owner's time demands.

Civil Engineering Services

The Stantec team has a great deal of experience in civil engineering projects in the South Florida area, especially in roadway and drainage. We are local experts for drainage facilities of all types, including their benefits and cost. We have experience with exfiltration trench systems, dry & wet detention, pump stations, gravity well, pumped wells, and direct outfall to drainage canals and other water bodies. Our approach to a roadway and drainage design starts by evaluating all possible solutions for effectiveness, cost and permitability. We model all our drainage designs using advanced software programs like ICPR, HEC and GIS to establish the effectiveness of the proposed solutions for varying storm events. Our team will provide several solutions with their associated cost estimates and our recommendations for the City's evaluation. When the proposed solution is selected, we will prepare plans and specifications in accordance with local, state and federal regulations. Our familiarity with these projects will allow us to quickly get the project designed, permitted, and constructed.

Stantec has extensive experience in FDOT and roadway improvements, beautifying areas with streetscape and landscaping while providing necessary infrastructure upgrades including drainage, water, and sewer. Additional engineering experience includes numerous roadway improvements including widenings, reconstruction, drainage upgrades, signalized intersections, and traffic calming. Stantec provides an integrated approach with innovative solutions to satisfy the City and its residents. A few examples of our recent experience are shown in the related project experience and range from small, localized ponding projects to large regional drainage projects. Of special note is Palm and Hibiscus Island Neighborhood Improvements which was completed for the City of Miami Beach. This project consisted of full infrastructure improvements including drainage and roadway for over 100 acres of residential neighborhood on these islands off the MacArthur Causeway. The area is tidally influenced and many of the roadways were built below the seasonal high tides. Thus, the streets flooded several times during the year. The existing drainage system did not meet the minimum standards established by the City and was extremely flood prone. Stantec analyzed several solutions including pump assisted wells, exfiltration trenches and a large pump station. The City decided to go with a large pump stations for each island with discharge outfalls to Biscayne Bay. Additional elements of the project included full roadway reconstruction, undergrounding of existing utilities, new curb and gutter, lighting improvements, and landscaping.

The Stantec team is also experienced in the preparation and execution of Stormwater Master Plans and Floodplain Management Plans. Our team has the expertise in local drainage solutions and hydraulic modeling to prepare a superior master plan that will focus on feasible solutions. We have not only planned but also constructed the drainage facilities including pump stations, exfiltration trench systems, direct outfalls to canals or other water bodies, gravity and drainage wells. Our extensive experience in local drainage systems and conditions will help strengthen the master plan by providing viable solutions with accurate cost and schedules. Drainage solutions would be provided for varying levels of protection including schematic design and cost estimates. This allows the City to submit for grant funding for projects that provide higher level protection with funding that was previously beyond the City's reach. These projects providing protection for 25-year and 100-year storms would be eligible for credit under FEMA's Community Rating system to potentially improve the City's Class.

Utility Engineering Services

We have worked with public water & sewer utilities throughout South Florida, in the areas of pump stations, water distribution, gravity collection systems, reclaimed water systems, telemetry and SCADA systems, and are familiar with the local, county, and regional regulatory requirements, permitting processes, and the typical conditions placed upon construction and operational permits.

Over the years, these relationships have allowed us the opportunity to work closely with clients on projects for planning and implementation of facilities. We have completed campus wide SSES and pump station improvements at Florida International University (FIU) and completed the design of numerous pump station rehabilitation projects for Miami-Dade Water and Sewer Department as part of their consent decree program.

On water & sewer projects, we have represented cities and institutions such as FIU, Pinecrest, North Miami Beach, South Miami, Medley, Lauderhill, Plantation and Miami-Dade Water and Sewer Department. These long-term relationships illustrate our ability to solve diverse and complex programs and to create practical and concise solutions that can be implemented. Our services have even extended to projects involving conversion of overhead utilities to underground. The Palm & Hibiscus Islands project is one such example, as well as the successfully completed Golden Beach CIP project. Both large-scale capital projects included facilities for electrical and communication companies.

Solid Waste Engineering Services

Stantec provides solutions for developing an overall program for solid waste management, through to opportunity assessments and implementation. One such project was completed for the City of Miami Solid Waste Department and involved a truck Decanting Transfer Station. The City was in desperate need of an environmentally compliant transfer station with limited space to work with. The facility was designed directly adjacent to a mini-dump to utilize the existing elevated ramp structure. The City has been operating efficiently at this location now for several years.

Stantec understands the challenges associated with operating, maintaining, and expanding solid waste operations. We endeavor to establish economically feasible solutions to complex regulations and evaluate the economics and overall effect of solid waste facilities on surrounding communities. We recognize the key to developing solid waste management systems is a thorough understanding of waste types and quantities, including historic/future trends and the effects on demographics. With increasingly stringent environmental regulations, established methods of solid waste disposal have been scrutinized. Our experience extends beyond traditional design and construction services to include facility management and operation.

At Stantec we enjoy a reputation for high quality service delivery. Through our people, best practices, partnerships, and technology, we support the delivery of projects varying in size and complexity and provide our clients with first-rate results.

Coastal Engineering Services

Coastal science, engineering design, and ecology are disciplines we truly understand, and as a result, we are able to develop designs that are self-sustaining and work with natural processes. We are leaders in the field of coastal restoration, constantly setting the bar for continued technical innovations and ecological sensitivity. Our coastal restoration professionals are passionate about their careers and include engineers, soil scientists, regulatory experts, aquatic toxicologists, botanists, and hydrologists. Our multi-disciplinary team will consistently deliver a complete understanding of interdependencies and ultimate performance metrics, blended with a clear understanding of your needs, throughout the project lifecycle.

The Stantec Division of Environmental Services provides a wide array of expertise in the areas of natural, physical, and socio-economic impact analysis, documentation and mitigatory solutions. Our staff have well established reputations and are respected within the environmental regulatory community for the highest quality of work and responsiveness. Our capabilities are based on solid education, experience, and understanding of the need to balance development and the preservation of the environment.

Our Environmental Services of interest to the City include Field Investigations, Environmental Reports, and Regulatory Permits. Field Investigations cover Wetland Evaluations, Seagrass, Mangroves and Freshwater Emergents. Other environmental investigations and reports are Coral Relocations, Water Quality Studies, Hardwood hammocks, Pineland Communities, Threatened / Endangered Species Testing & Analysis, Contamination assessment, Air Quality Evaluation, Noise Study Assessments, Socio-Economic Demographic Analysis. We have also performed Environmental Impact Statements, Environmental assessments, Categorical Exclusions, Reevaluations, Contamination assessment Reports – Liability, Phase I and II Audits, Endangered Species Biological Assessments, Wetland Evaluation Reports, Essential Fish Habitat, Air Quality Reports, and Noise Study Reports. Our wide-ranging capabilities can help the City meet any environmental challenge that it may be faced with.

Environmental Permitting can be a confusing and complicated resulting in project delays or cancellation of necessary projects. Stantec experienced staff can help the City navigate through the process and offer solutions and accurate permitting timelines to successfully complete projects. Our permitting experience includes Wetland Jurisdictional Determination, Miami-Dade County DERM, Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD), U.S. Army Corps of Engineers (USACE), Wetland Impact Assessment + Functional Analysis, UMAM, WRAP / WATER, Mitigation Assessments, and Permit Compliance Monitoring.

Structural Engineering Services

Our Structural Engineers have done it all - from buildings to bridge structure design, and threshold building inspections to forensic investigations. Signature design projects include the West Mashta Drive Bridge in Key Biscayne, Pompano State Farmers' Market (Department of Management Services), the Helen Miller Community Center at Segal Park (City of Opa-locka), and the Lifelong Learning Center (Florida Atlantic University). Other projects include the forensic investigation of several parking garages throughout South Florida, as well as threshold inspections on the Avborne Hangar at Miami International Airport.

We design the structural foundations to support the vital elements of our communities, including buildings, bridges, and roadways. From building foundations to superstructures, Stantec's structural engineers are proficient in a wide range of structures, environments, and materials. In fact, our structural engineering services have created the essential framework for some of the most significant structures in North America, including the longest bridge over ice-covered water in the world, the Confederation Bridge. Our structural vision is to deliver a reliable and solid framework that withstands the test of time. Successful structures are measured not only by their stability, but also by their economy in fulfilling their purpose. Successful solutions do more with less.

At Stantec, we are involved in the evaluation, renovation, and rehabilitation of existing structures on an ongoing basis. Our services include specialized structural analyses, computer modeling and analyses, earthquake and vibration control, blast resistant structures, cable supported structures, as well as domes and tension fabric structures.

We are committed to continuous innovation and devote our abilities to bringing the latest technology to every project. As a unit within Stantec's Buildings Engineering group, we have access to decades of experience and encourage a multidisciplinary, integrated approach to delivering optimum design solutions.

Public Presentations and Public Hearings

It would not be uncommon for the General Engineering Environmental Consultant to be asked to make public presentation before the City Commission, before other regulatory bodies, or to the public. Stantec is very experienced and knowledgeable in making such presentations, preparing exhibits, handouts, and responding to questions in non-technical language that is understandable to residents and stakeholders. We have made

presentations to elected bodies as well as to the public at public hearings and at informal neighborhood gatherings, and we have conducted charrettes and brainstorming sessions, some with the public present and others with stakeholders. When conducting charrettes and brainstorm sessions, we have guidelines for the facilitator and the group to follow.

Cost Estimating and Scheduling Control

Stantec is experienced in permit and plan production scheduling for certain types of projects. Permitting can affect the cost estimate from the basis that last minute changes required by agencies can sometimes blow estimates out of the water and cancel projects altogether. We shall determine all possible impacts early on so that the preliminary cost estimates stay relatively the same as the plans are finalized. A schedule shall be submitted at the NTP so the City can track production as well as permitting all the way through bid and security of contractor. Construction material costs have varied greatly over the last few years causing a lot of problems with accurate cost estimates. Stantec has general contractors on staff as well as experienced construction administrators to ensure that cost estimates are current and realistic.

Cost Control

Cost estimating remains a critical part of our design process and cost control methodology. Stantec will develop all costs within the defined goals using constructability analysis, value engineering, budget constraints, and scheduling to achieve those goals. Cost control will be achieved by adopting a predictive cost planning approach. Generally, we produce these cost estimates during the course of the design. During all phases of the project, Stantec will review the construction cost estimates and refine the design to maintain the project on-budget and on-time.

Stantec has extensive experience in helping municipalities achieve positive bottom-line results by improving existing processes, identifying new ones, and pinpointing areas for cost savings. We have the management perspective and specialized knowledge needed in order to deliver major cost reductions with improved efficiencies to our clients. Our effective management team reviews the anticipated costs, researches alternative savings methods on a continual basis and monitors progress and quality to reduce your costs.

Schedule Control

We understand how critical schedules are. Maintaining a project on schedule begins with understanding the key issues that drive it, and developing contingency plans to control it. The primary purpose of the project schedule is to provide a full accounting of all relevant activities and phases as well as the proper sequencing of project related events such that the project is delivered on schedule. We feel confident we can meet the City's project schedules because of our varied background of this kind. Following are some of the ways we propose to control the project schedule:

- Coordination with Subconsultants (long-standing relationships enable us to understand their process)
- Accelerate non-critical path activities to compensate for unforeseen delays later on
- Meet with City's staff, public officials, and key community members ahead of time for consensus on key project issues
- Pro-active Project Management Plan (PMP)
- Clear understanding of Scope of Services ensures schedule is created correctly from the beginning
- Allow for proper QA/QC time

Quality Control

At Stantec, we use the most current technology, which allows for optimum and accurate design. We use an in-house peer review Quality Control / Quality Assurance (QA/QC) program to complete our assignments within schedule, at budgeted cost, and with high quality and reliability. All work is executed in conformance with applicable codes and standards. The work of any subconsultants we use is subjected to the same review as our Stantec generated work.

We at Stantec are proud to be able to say that our firm-wide errors and omissions resulting in claims is less than 1/2 of 1% of construction budgets. This is due to the following:

- Principal Involvement during all Stages of Design and Construction
- Established QA-QC Program
- Independent Peer Review Prior to Major Deliverables

Plan Methodology

The Stantec quality control team utilizes a two-part independent checking process for its projects. First and foremost is the development of the QC program to verify that the project analysis methods and work products meet or exceed the requirements of the project scope for all work items, are free of errors and omissions, and are based on sound practices and principles. Second is the development of the QA program to assure that the QC program is being complied with and is affecting compliance with the project scope of services. Basic tenets of the QC program include:

- The project manager has complete authority and responsibility to execute the work
- A "kick-off" meeting will be held with key members of the project team to define the scope of work and the quality requirements
- All project decisions will be documented
- All supporting calculations, text or data used to develop the project documents will be signed and dated by the preparer when the work is performed. All telephone conversations and meetings, which include or affect a project decision, will be documented. Minutes of meetings will be prepared and distributed to attendees for confirmation of decisions made and then filed after appropriate action.
- All project documents will be reviewed and/or checked by qualified individuals who are not directly performing the initial

work activity. The individual doing the checking will sign and date the documents and will prepare a record of review after checking the findings. The findings will be resolved by the originator of the document and rechecked until satisfactorily resolved.

- The Project Manager or designated alternate(s) will monitor and evaluate the review and/or checking activity for the project. The review will specifically cover such items as clarity, accuracy, completeness, scope compliance, etc. Any follow-up activity required will be noted and initiated as appropriate.
- The Project Manager or designated alternate(s) will monitor and evaluate the review and/or checking activity for the project. The review will specifically cover such items as clarity, accuracy, completeness, scope compliance, etc. Any follow-up activity required will be noted and initiated as appropriate.
- Individuals independent of project staffing will periodically and at specific targets review all project development documents for adequacy, conformance with the scope of work, completeness, accuracy, and proper documentation.

Construction Services

The Stantec team includes a construction administration division fully staffed with knowledgeable inspectors experienced all types of municipal and FDOT funded projects. Our construction managers are seasoned engineers with experience in competitive bid contracts, the standard contract languages used by municipalities, including the EJCDC and AIA issued documents, the conditions issued by FDEP on SRF Loan contracts, and are experienced with the documents that protect the Owner. The Stantec team has an organized process for bid evaluations, award recommendations, and NTP procedures, as well as submittal review, stamping, and record keeping. Additionally, the inspector's logs and records, including site photographs are all maintained electronically and delivered to the owner with the contractor's payment requests, or as requested by the owner. We are very familiar with the regulatory requirements that must be fulfilled and the close-out documents that are necessary to be satisfactorily presented before we certify a project as complete.

Having worked on projects whose funding can be from multiple sources, we usually develop checklists that are sometimes project specific, but more often than not have similar if not identical requirements, and these are used to substantiate payments.

All of our inspectors, and many of our engineers have special certifications for different trades or systems, and we assign these individuals to a project when needed. These include structural, electrical, mechanical, LEED, pavement, and maintenance of traffic. We understand our job, our responsibilities, as well as our limitations of authority, and we make sure contractors understand them as well, which makes for a smoother construction inspection and review process. Some of our staff have special OSHA training, including confined spaces, chlorine facilities, haz-mat, and others. If an individual requires training, it is done prior to the start of the project, and usually indicates that the contractor must also have similarly trained individuals and the certificates provided for our records and the City's.

Conclusion

We believe that the Stantec team has the experience and knowledge in planning and designing public and private projects that no other firm can match. We are confident that we can successfully fulfill and execute the requirements of this contract and provide the City of Key West with an outstanding project.

TAB 6.
PERSONNEL

Sean Compel PE, ENV SP, LEED AP
Client/Project Manager

Stantec

EDUCATION
Bachelor of Science in Civil Engineering, University of Miami, Miami, FL, 2002

REGISTRATIONS
Florida Professional Engineer #66618
Envision Sustainability Professional (ENV SP)
LEED Accredited Professional, U.S. Green Building Council

Sean has 20 years of extensive experience in the planning, design, permitting and construction of civil engineering and site development projects. He has served as project construction administrator and project manager for various roadway, drainage, water, sewer, underground electrical, and industrial projects. Clients include municipalities, state agencies, educational facilities, and private businesses. His experience in construction services has allowed him to effectively deliver projects satisfying all owner requirements and goals. Responsibilities during construction include permitting, review of scheduling, and overall cost analysis.

RELEVANT EXPERIENCE

Key West Bight Floating Docks, Key West, FL // Project Manager for components related to a new 200' floating dock with 10 new boat slips located at the east end of the Key West Bight Marina. Scope of the design included new utility pedestals with power and water connections for marina patrons, fire protection, new electrical, water and sewer connections, and a vacuum type wastewater pump out station. The utility connections were coordinated with the local wastewater and power authorities to verify capacity and appropriate connection points. The floating dock utilized epoxy coated steel piles and a connecting ADA accessible ramp attached to an existing pier.

Pelican Harbor Marina Repairs and Utility Upgrades, Miami, FL // Construction Administrator for this much-needed project to provide various upgrades to this public marina. Watermain, electrical, and fire protection piping were all replaced due to heavy corrosion and deterioration. New utility pedestals were installed to allow each slip to access water and electrical hook ups. New lighting was installed at the fuel dock, a very busy area at this marina. Extensive structural repairs to the existing pile caps were also completed and the deck of Pier A was completely replaced with prestressed double tees. The work was all completed while the marina remained open and operational. The success of this project was made possible with help from the dock master to move boats as work was completed in 4 phases. Miami Dade Parks was very happy with the completion of this project.

Campground Sanitary Sewer Collection System & Electrical System Refurbishment at John Pennekamp Coral Reef State Park, Key Largo, FL // Project Engineer and Construction Administrator for the John Pennekamp Coral Reef State Park project that provides visitors with a gateway to the natural world. To keep this environment pristine and accessible for visitors, we constructed a sanitary sewer collection system and access roadway to service the 47-site campground. During the limited time frame during the off-peak park operations, we constructed a sewer collection system consisted of approximately 1,000 linear feet of 8" gravity sewer lines, six concrete manholes and the associated service laterals to each campsite. The lift station provided a deeper wet well as needed to accommodate the new campground collection system. We reconfigured the station electrical and piping to the new wet well layout. The electrical system refurbishment consisted of troubleshooting the recurring chronic line shorting and voltage drops, and determining which electrical wiring runs conduits, and service panels need to be replaced. Additionally, we investigated the engineering of the various existing sanitary sewer systems at the park, and of the existing and proposed adjacent Key Largo Wastewater Treatment District (KLWTD) Collection and Transmission Facilities. Our company evaluated the hydraulic capacity and loading for Pennekamp SP Lift Station No. 1.

Indian Creek Roadway Development Plan, Indian Creek, FL // Project Manager for the master planning, design, permitting, and full CEI services for the complete reconstruction of the roadway. The improvements includes roadway, new water services, new stormwater system, sanitary sewer collection system, pedestrian trail, street lighting, landscaping, and irrigation.

Palmetto Bay Drainage Improvements, Palmetto Bay, FL // Project Manager and Construction Administrator for the field surveying, design, permitting, bidding, and construction of drainage improvements at various locations throughout the Village. The Village's stormwater master plan identified and prioritized areas with flooding problems. Many areas had no existing drainage. Each phase of construction included the installation of drainage structures, exfiltration trenches, connections to the existing system, and associated restoration. All phases of work were completed on schedule and under budget.

Palm and Hibiscus Islands Neighborhood Improvements, Miami Beach, FL // Construction Administrator for this design/build project which involves complete infrastructure reconstruction with primary goals including beautification and combating the effects of sea level rise. Scope of work includes watermain and water service replacement, rehabilitation of the existing gravity sanitary sewer line and manholes, complete stormwater infrastructure improvements, roadway reconstruction including raising roads where possible and harmonization to properties, concrete work including sidewalks, the undergrounding of overhead utilities for FPL, AT&T, and Atlantic Broadband, and landscaping.

Ramon Castella PE, ENV SP, LEED AP
Principal in Charge

Stantec

EDUCATION
Bachelor of Science in Civil Engineering, Florida International University, Miami, FL, 1985

REGISTRATIONS
Florida Professional Engineer #40073
Puerto Rico Professional Engineer #11731
Institute for Sustainable Infrastructure Envision™ Sustainability Professional (ENV SP)
LEED Accredited Professional, U.S. Green Building Council

Ramon has 37 years of expertise in public and private infrastructure projects throughout Florida and the Caribbean. His engineering experience on these projects includes programming, planning, analysis, design, preparation of construction documents, construction administration and inspection and commissioning. His public works infrastructure project types include drainage, flood control, coastal construction, water and sewer systems, roads and bridges, public facilities, parks, project budgeting and grants acquisition.

RELEVANT EXPERIENCE
- Marine Max Facility at Ocean Reef Club, Key Largo, FL // Principal in Charge
- Crandon Park Marina Reconstruction - Phase I, Miami-Dade County, FL // Project Manager
- Matheson Hammock Park Marina Reconstruction, Miami-Dade County, FL // Project Manager
- Indian Creek Village Improvements, Indian Creek, FL // Principal in Charge
- Golden Beach Capital Improvements Program, Golden Beach, FL // Principal in Charge
- Old Cutler Road (SW 97-87Ave), Cutler Bay, FL // Principal in Charge
- Caribbean Blvd. Neighborhood Improvements, Cutler Bay, FL // Principal in Charge
- Palmetto Bay Drainage Improvements, Palmetto Bay, FL // Principal in Charge
- Design & Construction Services for John F. Kennedy Causeway Redevelopment, North Bay Village, FL // Principal in Charge
- Crandon Boulevard Master Plan, Key Biscayne, FL // Principal in Charge
- Belle Meade Stormwater Pump Station and Drainage Improvements, Miami, FL // Principal in Charge

Jeffrey Crews PE, LEED AP
QA/QC Manager

Stantec

EDUCATION
Bachelor of Science in Civil Engineering, Cum Laude, University of Miami, Miami, FL, 1988

REGISTRATIONS
Florida Professional Engineer #46575
LEED Accredited Professional, U.S. Green Building Council

Jeffrey, with 34 years of experience, has been Design Engineer and Project Manager on various projects in the field of structural and civil engineering. Jeff's civil experience has included the preparation of utility relocation plans, drainage analysis, development of traffic control, and stormwater pollution prevention plans. Jeff also has extensive design, construction inspection, and administration experience in all types of building structures.

RELEVANT EXPERIENCE
- Middle Beach Recreational Corridor (MBRC) Phase 3 - LAP CEI, Miami Beach, FL // Project Manager
- Marathon Community Park, Marathon, FL // Senior Civil Engineer
- Gibson Park, Miami, FL // Senior Civil Engineer
- Sunset Island 3 and Sunset Island 4, Miami Beach, FL // Design Criteria Professional and Project Manager
- Palm Island and Hibiscus Island, Miami Beach, FL // Design Criteria Professional and Project Manager
- FDOT North Dade Maintenance Facility (Phases I, II, III), North Miami, FL // Chief Engineer
- Jewfish Creek Ramp Bridges, District 6, Key Largo, FL // Project Engineer
- FIU Student Academic Support Center, Miami-Dade County, FL // Project Manager
- FIU Multi-Use Fields, Miami, FL // Project Manager
- Pompano Beach Drainage Basin 4-1 and 4-2, Pompano Beach, FL // Project Manager
- Avila Road Improvements, West Palm Beach, FL // Project Manager
- Waterway Park, Jupiter, Palm Beach County Parks and Recreational Department, FL // Principal in Charge
- Basin A and Basin B Stormwater Pump Stationa, Lauderhill, Florida // Senior Civil Engineer

Carlos Herdocia PE, LEED AP
Senior Roadway Engineer - Civil Engineering

Stantec

EDUCATION

Bachelor of Science in Civil Engineering, Florida International University, Miami, FL, 1988

REGISTRATIONS

Florida Professional Engineer #47660

LEED Accredited Professional, U.S. Green Building Council

Carlos has 34 years of experience and has been Project Manager and Senior Design Engineer on various roadway and drainage projects for municipalities in Miami-Dade County. He has extensive experience in developing residential, commercial and highway roadway and drainage plans. This experience includes traffic calming, resurfacing and reconstruction plans, drainage design studies and reports, maintenance of traffic, signalization, lighting and signing and marking plans.

RELEVANT EXPERIENCE

- 20th Street Improvements, Key West, FL // Engineer of Record and Project Manager
- Greene Street Improvements, Key West, FL // Engineer of Record and Project Manager
- Town of Golden Beach Capital Improvements Program, Golden Beach, FL // Senior Civil Engineer
- Town of Bay Harbor Islands - Residential Street Closure and Traffic Study, Bay Harbor Islands, FL // Project Manager
- Design & Construction Services for John F. Kennedy Causeway Redevelopment North Bay Village, FL // Senior Engineer
- SW 264th Street Improvements (US-1 to SW 137th Avenue, Miami-Dade County, FL // Engineer of Record
- Floating Dock at Garrison Marina, Key West, FL, Engineer of Record and Project Manager
- Miracle Mile Signal Modification, Coral Gables, FL // Project Manager and Engineer of Record
- Crandon Boulevard Master Plan, Key Biscayne, FL // Project Engineer
- McFarland Neighborhood Sidewalk Feasibility Study, Miami, FL // Project Manager
- SW 264th Street Improvements (SW 148 Ave to US-1 Phase II | Miami-Dade County, Florida // Engineer of Record and Project Manager

Juan Restrepo PE
Senior Roadway Engineer - Civil Engineering

Stantec

EDUCATION

Master of Science in Engineering Management, Florida International University, Miami, FL, 2011

Bachelor of Science in Civil Engineering, University of North Carolina, 1998

REGISTRATIONS

Florida Professional Engineer #61821

Georgia Professional Engineer #PE040498

Texas Professional Engineer #125632

Juan has 24 years of experience and has been engineer of record, project manager, and senior project engineer on a variety of completed projects statewide. He has a diversified background designing projects involving both major and minor highways, including the geometric design of interchanges and widening of interchange ramps for limited access facilities. Juan has extensive Design-Build experience and has been the Engineer of Record (EOR) on several 3R and local off-system roadway projects and has been responsible for the preparation of highway plans for both conventional build and design-build projects.

RELEVANT EXPERIENCE

- Use Path for Pedestrians and Bicyclists (M-Path) along SR 5 (US-1) from Datran Drive to SW 67th Avenue, Miami-Dade County, FDOT District 6 // Project Manager and EOR
- SR 5 (US 1) Design-Build from North of the Miami-Dade County Line to South of the C-111 Canal, Miami-Dade County, FDOT District 6 // Project Engineer
- SR 821 (HEFT) Widening from North of SW 184 Street (Eureka Drive) to South of SW 104 Street / SR 990 (Killian Parkway), Miami-Dade County, FL, Turnpike Enterprise Shared // Project Manager
- Golden Glades Interchange (GGI) Improvements (SR-826/ Palmetto Expressway EB Ramp to SR-9A/I-95 NB) Miami-Dade County, Florida, FDOT District 6 // Project Manager and Roadway EOR
- SR 874 Mainline Reconstruction Design-Build, Miami-Dade County Florida, Miami-Dade Expressway Authority // Project Manager and EOR
- SR 826/SR 836 Interchange Reconstruction, FDOT District 6 and Miami-Dade Expressway Authority, Miami-Dade County // Senior Engineer
- I-195 (SR 112) from I-95 to Biscayne Bay, Miami-Dade County, FDOT District 6 // Senior Engineer

Chris Benitez PE, PTOE, SRP
Senior Traffic Engineer - Civil Engineering

Stantec

EDUCATION

Bachelor of Science in Civil Engineering, Florida International University, Miami, FL, 2006

REGISTRATIONS

Certified Professional Traffic Operations Engineer #4286
Florida Professional Engineer #74035
Road Safety Professional #323

Chris has 15 years of experience as a transportation engineer working on several types of projects including multimodal/complete street projects, Project Development & Environment (PD&E) Studies, traffic and safety engineering, Efficient Transportation Decision Making (ETDM) activities, interchange, expressway, and corridor planning and design, transit planning, public involvement, training and presentations, and managing task order/on-call contracts. He has worked on projects for the Florida Department of Transportation (FDOT), Miami-Dade Transportation Planning Organization (TPO), Broward Metropolitan Planning Organization (MPO), Miami-Dade Expressway Authority (MDX), Collier County, South Florida Regional Transportation Authority (SFRTA), and numerous local governments within South Florida including the City of Doral, City of Miami, North Bay Village, Town of Cutler Bay, City of South Miami, and City of Coral Gables.

RELEVANT EXPERIENCE

- Doral Central Park Traffic Study, Doral, FL // Lead Traffic Engineer
- Franjo Road and Gulfstream Road and Cutler Ridge Drive Traffic Calming Study, Cutler Bay, FL // Project Manager
- Traffic Calming at Various Locations within North Bay Village, FL // Project Manager
- Traffic Calming Study along SW 74th Street, South Miami, FL // Project Manager
- Safety Analysis for Sawgrass Express Lanes Direct Connect to/from I-75 Feasibility Study, Sunrise, FL // Task Manager
- Traffic Impact Study for Suncoast Community Church Rezone and Special Exception, Sarasota, FL // Task Manager
- SR 826/SR 836 Interchange Reconstruction, FDOT District 6 and Miami-Dade Expressway Authority, Miami-Dade County, FL // Project Engineer

Ananda Bergeron PE
Senior Structural Engineer - Structural Engineering

Stantec

EDUCATION

Master of Sciences in Civil Engineering, University of Texas, Texas, 2003
Bachelor of Sciences in Civil Engineering, University of Florida, Florida, 2001

REGISTRATIONS

Florida Professional Engineer #65632

Ananda has 20 years of experience in structural engineering. Her vast experience with FDOT bridge design includes the design of continuous steel girder bridges, prestressed concrete girder bridges, and cast-in-place concrete bridges for multi-level interchanges, grade-separation interchanges, and coastal and riverine water crossings. In addition to bridge design, Ananda also has experience with miscellaneous structures design, bridge rehabilitation, and existing bridge load ratings. Ms. Bergeron's miscellaneous structures design experience includes retaining walls, box culverts, signal structures, and bridge fender systems.

RELEVANT EXPERIENCE

- Boca Chica Road Restoration Project, Monroe County, FL // Project Manager
- No Name Key Bridge Repairs – Monroe County, FL // Deputy Project Manager
- Rye Road Bridge Widening, Manatee County, FL // Project Manager and Engineer of Record
- Sanibel-Captiva Road Over Clam Dinkins Bayou–Load Ratings and Temporary Repair, Sanibel, FL // Project Manager
- Bayport Pier Replacement, Hernando County, FL / Project Manager
- Bridge Development Report for Overlook Drive NE, at Smacks Bayou, St Petersburg, Florida // Project Manager
- Chokoloskee Bridge (CR 29 over Chokoloskee Bay), Collier County, FL // Project Manager
- Wauchula Road over Youngs Creek Bridge Replacement, Manatee County, FL // Project Manager
- 40th Avenue NE Bridge Replacement, St. Petersburg, FL // Project Manager
- Fort DeSoto Fishing Pier Replacement, Pinellas County, FL // QC Manager

Pablo Garcia PE

Senior Structural Engineer - Structural Engineering

Stantec

EDUCATION

Master of Science in Civil Engineering, University of Miami, Miami, Florida, 2010

Bachelor of Science in Civil Engineering, University of Miami, Miami, Florida, 2010

REGISTRATIONS

Florida Professional Engineer #77111

Pablo has participated in the design and inspection of various projects including sport facilities, parking garages, residential and office buildings and aviation facilities. He is experienced in the design of concrete framing systems such as cast-in-place, composite precast, post-tension and steel framing including the inspection of the various construction of these systems. Pablo strives to work efficiently with both the Architect and Contractor to design and build projects in the most cost effective ways and continuously advances his knowledge of ever changing building codes and structural design.

RELEVANT EXPERIENCE

- Wynwood Square, Miami, FL // Structural Engineer of Record
- YotelPAD, Miami, FL // Structural Engineer of Record
- 327 Royal Palm (Nine-story Condominium), Boca Raton, FL // Senior Structural Engineer
- LAN Hangar, Miami, Florida // Senior Project Engineer
- LoanDepot Park, Miami, FL // Senior Project Engineer
- JetBlue Park, Fort Myers, FL // Project Engineer
- Yard 8, Miami, FL // Structural Engineer of Record
- General Funding Office Building, Miami, FL // Senior Project Engineer
- Judge Seymour Gelber and Judge William E. Gladstone Miami-Dade Children's Courthouse, Miami, FL // Project Engineer
- Miami Marlins Ballpark, Miami, FL // Project Engineer
- 240 and 250 Ocean Boulevard, Golden Beach, FL // Project Engineer
- 520 Lakeview Ct, Miami Beach, Florida // Project Engineer
- 801 Lincoln Road-Retail Building, Miami Beach, FL // Senior Project Engineer
- Lipscomb Residence, Miami Beach, FL // Project Engineer

Dave Clarke PE, CFM

Senior Civil Engineer - Utility Engineering

Stantec

EDUCATION

Master of Science in Civil Engineering, Florida International University, Miami Beach, FL, 2008

Bachelor of Science in Civil Engineering, Florida International University, Miami Beach, FL, 2002

REGISTRATIONS

Florida Professional Engineer #66553

Georgia Professional Engineer#040056

Florida Certified Floodplain Manager #US-12- 06737

Dave has 20 years of experience on numerous public infrastructure projects for state agencies, counties, and municipalities in Florida. His experience includes coordination and design of water and wastewater utilities for major projects, including urban arterials, limited access facilities, Miami-Dade County Water and Sewer Department, and design-build projects for Florida Department of Transportation, Florida Turnpike, and Miami-Dade Expressway Authority. He has extensive permitting experience with many of the regulatory agencies including the Department of Environmental Resources Management, South Florida Water Management District, Department of Environmental Protection, Department of Health, and Miami-Dade County Public Works Department. Dave also has experience as a project engineer inspector on pump stations, storm drainage, sanitary sewers, sanitary sewer evaluation studies, and sanitary sewer repair and rehabilitation projects.

RELEVANT EXPERIENCE

- JPA Relocation Plans 16-inch Water Main along SW 107th Avenue, Dade County, FL // Engineer of Record
- JPA Relocation Plans 16-inch Water Main along NW 47th Avenue, Miami, Florida // Project Manager
- City of Miami Grove Park New 8-inch and 6-inch Water Main Improvements, City of Miami, FL // QA/QC Manager
- Miami Springs 8-inch Waterline Replacement, Miami Springs, Florida // Project Engineer
- SW 264th Street Improvements (US 1 to SW 137th Avenue), Miami-Dade County, Florida // Project Engineer
- West Kendall district Park New 12 & 16 inch Watermain Miami, Florida // Project Engineer
- SR 821 (HEFT) Widening from North of SW 184th Street (Eureka Drive) to South of SW 104th Street/SR 990 (Killian Parkway), Florida Turnpike Enterprise, Miami-Dade County, Florida // Senior Utility Coordinator

Oscar Bello PE

Senior Civil Engineer - Utility Engineering

Stantec

EDUCATION

Bachelor of Science in Civil Engineering, University of Central Florida, Orlando, Florida, United States, 1999

REGISTRATIONS

Florida Professional Engineer #61612

Design-Build Institute of America - Designated Design-Build Professional #116750

Florida Certified General Contractor #CGC1525348

Oscar has 22 years of experience in water, wastewater, conveyance, site civil engineering, stormwater, and heavy civil construction. He has managed a wide variety of large wastewater collection, water distribution, and conveyance projects. Well versed in septic to sewer conversation projects in urban environments. Oscar has an array of technical experience including wastewater modeling (low pressure systems), trenchless installation (pipe bursting, jack & bore, and HDD), water and sewer pipeline design ranging in size from 4 inches up to 66 inches (PVC, DIP, Steel & PCCP), existing utility rehabilitation in existing neighborhoods, drainage and lift station designs.

RELEVANT EXPERIENCE

- Key Haven Wastewater Collection System Phase 2 Improvements, Florida Keys, FL // Project Manager
- Wastewater System - Design-Build-Operate, Islamorada, FL // Project Manager
- Cudjoe Regional Wastewater Collection System - Design-Build - Outer Islands, Cudjoe Key, FL // Project Manager
- Route Analysis for 36-inch Transmission Force Main along Snake Creek Canal Basis of Design Report (BODR), Miami Gardens, FL // Project Manager
- Brentwood Water and Sewer Improvements, Davie, FL // Technical Reviewer
- Springtree Biscayne Aquifer Well, Sunrise, FL // QA/QC
- Lake Okeechobee Watershed Restoration Project Aquifer Storage and Recovery Wells, Okeechobee, FL // Technical Reviewer
- Broward County Water and Wastewater Services - 48" Force Main Replacement, Ft Lauderdale, FL // Project Engineer
- Route Analysis for 36-inch Transmission Force Main along Snake Creek Canal Basis of Design Report (BODR), Miami Gardens, FL // Project Manager
- East Perimeter Road Water Main Improvements, Fort Lauderdale, FL // Project Manager

Marlon Medina PE, CFM

Senior Civil Engineer - Utility Engineering

Stantec

EDUCATION

Bachelor of Science in Civil Engineering, Florida State University, Tallahassee, Florida, 2008

REGISTRATIONS

Florida Certified Floodplain Manager #US-12-06741

Florida Professional Engineer #77052

Marlon has 14 years of experience in the design of Civil Engineering systems including drainage, paving, and utilities for large-scale projects. He has served as project engineer for various drainage, water, sewer, underground electrical, and industrial projects. His experience has allowed him to effectively deliver projects satisfying all owner requirements. He is proficient at various software packages including Microsoft Project, MBR (SFWMD Multi-Basin Routing Software), Flowmaster, AutoCAD, AutoTurn, and EaglePoint.

RELEVANT EXPERIENCE

- No Name Harbor Seawall Repairs, Key Biscayne, FL // Project Engineer
- K8 Drainage Improvements, Key Biscayne, FL // Engineer of Record
- Grove Park Water Main Improvements, Miami, FL // Engineer of Record
- Pinecrest Watermain Master Plan and System Design, Pinecrest, FL // Civil Engineer
- Lift Station 122, 128, and 210 Rehabilitation, Sunrise, FL // Engineer of Record
- Professional Engineering Services, Davie, FL // Senior Engineer
- Master Pump Station 104.00 Vertical Asset Hierarchy Development, Collier County, FL // Project Engineer
- PSIP – Pump Station 0698, Miami, FL // Project Engineer
- PSIP – Pump Station 0124, Miami, FL // Engineer of Record
- NW 2nd Ave Wastewater Meter, N. Miami Beach, FL // Senior Project Engineer
- Old Cutler Road (SW 97-87Ave), Cutler Bay, FL // Civil Engineer
- Sub-aqueous Canal Crossing at SW 152 Avenue, Homestead, FL // Civil Engineer
- FIU Sanitary Sewer Evaluation Study, Miami, FL // Engineer of Record

Don Fuller PE

Senior Civil Engineer - Solid Waste Engineering

Stantec

EDUCATION

Master of Science in Civil Engineering, University of Kentucky, Lexington, Kentucky, 1991

REGISTRATIONS

Illinois Professional Engineer #062.070308

Tennessee Professional Engineer #113120

Kentucky Professional Engineer #18142

Don has 46 years of experience with waste containment facility site selection, evaluation, design, permitting and construction management. This background is primarily with Coal Combustion Residual (CCR) disposal and RCRA solid waste facilities. He provides clients with an experience base for a wide range of project settings and CCR management solutions ranging from siting studies through closure. His responsibilities typically include development of site evaluation strategies, oversight of environmental engineering studies, permitting, construction management and quality control operations. His role includes networking and negotiation with state and federal regulators, supervising site-specific soil and ground water field studies, analyses of data, and development of environmental monitoring networks. Don also has a solid background in construction methodology and relative economies of all waste management facility construction elements.

RELEVANT EXPERIENCE

- RCRA Site Investigations and Construction/Quality Control for Solid Waste at Various Locations, KY // Project Manager
- Thoroughbred CCB Landfill, Muhlenberg County, KY // Project Manager
- Gibson Station Aggregate Landfill Expansion, Gibson, IN // Project Manager
- Cane Run Generating Station, Louisville, KY // Project Manager
- Jeff Meade Landfill Superfund Site, Greenup County, KY // Project Manager
- Jeff Meade Landfill Remedial Investigation/Feasibility Design, Ashland, KY // Project Manager
- Hazardous, Toxic or Radioactive Waste (HTRW) Studies, Various Locations, USACE Huntington District // Project Manager
- Crescent Hill Reservoir Closure, Jefferson County, KY // Project Manager

Terry Griffin PE

Senior Civil Engineer - Solid Waste Engineering

Stantec

EDUCATION

Master of Science in Hydrogeology, University of South Florida, Tampa, Florida, 1988

Bachelor of Sciences in Geology, University of North Carolina, Wilmington, North Carolina, 1980

REGISTRATIONS

Florida Professional Geologist #135
Alabama Professional Geologist #862

Terry has 59 years of experience conducting geologic and hydrogeologic investigations. As a senior principal with Stantec, Terry's responsibilities include the management of complex hydrogeologic and groundwater contamination assessment investigations, and remediation activities at numerous locations throughout the Southeastern U.S. He has conducted extensive research of chlorinated solvent assessment and remediation techniques, particularly DNAPL assessment techniques. His duties include management of complete site characterization efforts, remediation strategy development and system design, data evaluation and management, and optimization of ongoing remediation activities. He has extensive knowledge of RCRA and state programs. He has managed several municipal wellfields in central Florida and has negotiated numerous permits ranging from municipal water supply, underground injection control, industrial water use, operation and closure of RCRA regulated units or facilities, and long-term care of municipal solid waste landfills. He has also managed the physical closure of such facilities/units.

RELEVANT EXPERIENCE

- Embry-Riddle Aeronautical University, Daytona Beach, FL // Project Manager - Approximately 3,100 tons of solid waste was removed from the site with approximately 80% RSM re-use achieved.
- Tarpon Springs Class III Landfill Long-Term Care Permitting, Tarpon Springs, FL // Project Manager
- Broward County Landfill Reporting - Semiannual Monitoring and Technical Reporting Broward County, FL // Task Manager
- 119th North Street Landfill Assessment and Mitigation, Largo, FL // Project Manager
- Lake Worth South Landfill, Lake Worth, FL // Project Manager
- Joe DiMaggio Sports Complex/Landfill, Clearwater, FL // Project Manager

Tery Glunt PE
Senior Marine Engineer
Coastal Engineering

Stantec

EDUCATION
Bachelor of Science in Civil Engineering, Florida International University, Miami, Florida, 1985

Bachelor of Science in Environmental Sciences, Juniata College, Huntington, Pennsylvania, 1976

REGISTRATIONS
Florida Professional Engineer #40130

U.S. Green Building Council LEED Accredited Professional

Tery has 46 years of experience in the management and administration of engineering divisions responsible for all aspects of design and construction of government and agency related facilities including marina and boating access facilities, recreation complexes, urban and Interstate roadways and bridges, utility corridors, municipal public works, and administration facilities across the United States. His specific experience includes engineering design and coordination of multiple projects, construction engineering and inspection, quality control / constructability review, rigid and flexible pavement design and analysis, hydrologic evaluations, geotechnical and environmental studies, DRI and PD&E involvement, environmental and drainage permitting, preparation of grant applications and coordination of numerous miscellaneous civil and structural contracts with State, County, and Municipal entities. Tery was formerly a Resident Engineer on FDOT construction projects in numerous Districts and the Engineering Manager and Director of both Geotechnical and Construction Divisions for a medium-sized engineering firm.

RELEVANT EXPERIENCE
- Crandon Park Marina Pier Replacements, Key Biscayne, FL // Project Manager
- Matheson Hammock Marina Pier & Boat Ramps, Miami-Dade, FL // Project Manager
- Sunset Harbour Improvements, Miami Beach, FL // QA/QC Officer
- Venetian Island Seawall Improvements, Miami Beach, FL // QA/QC Officer
- Palm Beach Seawall Repairs, Town of Palm Beach, FL // Senior Engineer
- Tamarac Canal Bulkhead Improvements, Tamarac, FL // Principal in Charge
- Alsdorf Park Boat Ramps, Pompano, FL // Project Engineer
- Deerfield Island Boardwalk and Docks, Deerfield Beach, FL // Project Manager

Matthew Starr PG
Senior Marine Specialist -
Coastal Engineering

Stantec

EDUCATION
Bachelor of Science in Marine Science/Coastal Geology, Coastal Carolina University, Conway, South Carolina, 2006

REGISTRATIONS
Florida Professional Geologist #2906

Texas Professional Geoscientist #15265

Matthew has 20 years of project management and technical experience in coastal engineering, dredging, beach renourishment, port and marine facilities, coastal structures, hydrographic surveying, hydrodynamic modeling, ecosystem restoration, asset management, natural resource mapping, water quality, and wildlife biology. He is responsible for all phases of project delivery, including local, state, and federal permitting, design services, construction plans, contract documents/bidding, contractor procurement, and CEI services.

RELEVANT EXPERIENCE
- Smather's Beach Renourishment Construction Services, City of Key West, FL // Construction Monitoring and Permitting Compliance
- Brittany Bay Park Seawall Improvements, Miami Beach, FL // Coastal Specialist
- Lake Pancoast Living Shoreline Stabilization, Miami Beach, FL // Coastal Specialist
- Peer Review Services for Naples Beach Nourishment Design, Collier County, FL // Project Manager
- Key West, Florida 2019 Indian River County Beach Preservation Plan, Indian River County, FL // Project Manager
- Harborside Suites Shoreline Restoration, Ruskin, FL // Project Manager
- Bird Colony Island Living Shoreline and Wave Attenuation System, Sarasota County, FL // Project Manager
- New College Seawall Replacement, Sarasota, FL // Project Manager
- Bimini Basin Mooring Field - Phase 2, Cape Coral, Florida // Senior Project Manager
- Upland Beach Shoreline Restoration and Resiliency Design Concepts, Kemah, TX // Project Manager

Roman Reyes PE
Mechanical Engineer

Stantec

EDUCATION
Bachelor of Science in Mechanical Engineering, Jose A. Echevarria Higher Polytechnic Institute, Havana, Cuba, 1995

REGISTRATIONS
Professional Engineer #65678, State of Florida
LEED AP Building Design + Construction #101465491, U.S. Green Building Council, 2008-Present
Mechanical Inspector #8036488, International Code Council, 2013-Present

Roman is a Mechanical Engineer with 27 years of experience. He performs the technical development of a project and its associated production activities required to produce design documents or other product forms. His expertise includes project management, HVAC building and utilities design, construction administration, commissioning, and LEED Certification design. His responsibilities include establishing the project's goals and requirements including any and all sustainable options. As a Project Engineer, he performs the required project technical tasks, such as; building surveys and acquiring base building information, performing appropriate calculations, preparing design concepts and sketches, selecting Engineering systems and equipment, designing and laying out systems, CADD production, coordinating between Engineering disciplines and consultants, attending construction meetings, performing field observations of construction activities, reviewing shop drawings, reviewing the completed installation and submitting a final punchlist.

RELEVANT EXPERIENCE
- MIA West Cargo, Miami-Dade Aviation Department, Miami, FL // Mechanical Engineer
- Miami International Airport - Checked Bag Inspection System (CBIS) Building, Commissioning Services, Miami, FL // Mechanical Engineer
- Brickell Flatiron, Miami, FL // Mechanical Engineer
- Yotel 2.5, Miami, FL // Mechanical Engineer
- Paramount Tower @ MWC, Miami, FL // Mechanical Engineer
- Sabbia Beach, Pompano Beach, FL// Mechanical Engineer
- Shelborne Hotel, Miami Beach, FL // Mechanical Engineer
- General Funding Office, Miami, FL // Mechanical Engineer
- 396 Alhambra Building, Coral Gables, FL // Mechanical Engineer
- Brickell World Plaza, Miami, FL // Mechanical Engineer

Kevin Mangan PLA, ASLA
Senior Landscape Architect

Stantec

EDUCATION
Bachelor of Science in Landscape Architecture, State University of New York, College of Environmental Science and Forestry at Syracuse, Syracuse, New York, 1985

Associate of Arts, State University of New York at Canton, Canton, New York, 1982

REGISTRATIONS
Florida Registered Landscape Architect #0001337

Kevin has practiced Landscape Architecture, Urban Design, and Land Planning in the United States and International market place since 1985. His leadership and experience in a broad range of public, private, interdisciplinary and complex assignments in community development, urban design, hospitality and resorts, health care, streetscapes, and infrastructure projects for domestic and international clientele is the hallmark of his diversity in the profession. Kevin has a passion and expertise for collaborative and teaming roles with the requirements of project management, planning, and detailed design of complex projects. As a Principal and leading design team member, he enjoys forging long term relationships with his clients and professional team members.

RELEVANT EXPERIENCE
- Fort Lauderdale Beach Revitalization, Fort Lauderdale, FL // Resident Project Representative
- Sawgrass Expressway South Expansion, Miami-Dade County, Florida Turnpike Enterprise, FL // Senior Landscape Architect
- Golden Glades Interchange/Palmetto Expressway Project, Miami-Dade County, FDOT District 6, FL // Senior Landscape Architect
- City of Bonita Springs Downtown Improvement Project, Bonita Springs, Florida // Senior Landscape Architect
- US 1 (SR 5)/Titusville Revitalization, Brevard County, FL // Principal, Landscape Architect
- 10th Street Streetscape, Naples, FL // Senior Landscape Architect
- Baker Park Planning, Naples, FL // Senior Landscape Architect
- Naples Lakes Country Club, Naples, FL // Senior Landscape Architect
- Treviso Bay, Naples, FL // Senior Landscape Architect
- Boca Raton Resort and Club, Boca Raton, FL // Senior Landscape Architect and Planner

Nicole Carter MS

Senior Environmental Scientists - Environmental

Stantec

EDUCATION

Master of Science Marine Biology, Nova Southeastern University Fort Lauderdale, Florida, 2009

Bachelor of Science Marine Science and Biology, University of Miami, Coral Gables, Florida, 1998

CERTIFICATIONS

SCUBA Certification - PADI, Florida, 2012
Certified Inspector - Florida Department of Environmental Protection, NPDES, 2012

Nicole has 24 years of professional environmental experience in Florida. Her areas of expertise include the preparation of NEPA (Programmatic, Cat-EX Type II, EA / FONSI and EIS's) documentation and FHWA regulations as well as State Environmental Impact Reports (SEIR) for non-federally funded facilities. Her experience includes environmental permit compliance, marine biological surveys and natural resource assessment, specifically for transportation related projects. Her PD&E work includes project management and oversight, quality control and the preparation of environmental documents including advanced notifications, project reevaluations, and environmental technical reports. Her experience also includes permitting, Phase I audits, water quality monitoring, endangered species monitoring, and marine biological surveys.

RELEVANT EXPERIENCE

- Houseboat Row Seagrass Restoration Project, Key West, FL // Senior Environmental Scientist
- Seagrass Restoration in Lake Surprise by Removal of the Causeway, Monroe County, FL // Senior Environmental Scientist
- Miami Harbor Deepening Project – Phase II, Port of Miami // Environmental Monitoring Manager
- Project Development and Environment (PD&E) Study for SR 836 Southwest Extension from NW 137th Avenue to SW 136th Street, Miami-Dade Expressway Authority // Senior Environmental Scientist
- US 1 South Two-Lane Safety Project, FDOT District 6 // Senior Environmental Scientist
- Districtwide Environmental Compliance Services Contract, FDOT District 6 // Deputy Project Manage
- Districtwide Environmental Data and Report Consultant Contract, Miami-Dade & Monroe Counties, FDOT District 6 / Project Manager

Greg Schultz PE

Environmental Engineer - Environmental

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EDUCATION

Bachelor of Sciences in Environmental Engineering, 1993

REGISTRATIONS

Professional Engineer Florida, 2001, 57586

Professional Engineer Georgia, 2008, 033089

Professional Engineer Alabama, 2010, 31528-E

Professional Engineer, Tennessee, 2006, 00110807

Greg is responsible for coordinating project activities and communicating with clients on environmental, contamination assessment, remediation, and brownfields redevelopment projects. He uses his combination of experience and project management skills to present cost-effective, timely work to public and private sector clients.

RELEVANT EXPERIENCE

- Former Tampa Bay Shipbuilding and Repair Site—Port of Tampa, FL // Senior Environmental Engineer
- Former Misener Marine / City Hall Park Site—City of St. Pete Beach, FL // Risk/Site Assessment
- Senior Environmental Engineer -- Tampa Housing Authority – Robles Park / Historical Zion Cemetery, Tampa, FL // Senior Environmental Engineer
- HUD NEPA Review – Kissimmee, FL // Senior Environmental Engineer
- Feeding Northeast Florida Environmental Due Diligence Support for Florida Community Loan Fund – Jacksonville, FL // Senior Environmental Engineer
- Advent Health/Cobb Cole 7-Acre Dump Site – Port Orange, FL // Environmental Engineer
- General Environmental and Brownfields Services – Manatee County, FL // Principal in Charge
- Phase I Environmental Site Assessments (ESAs)/Phase II Site Assessments – Various Locations in FL // Senior Project Manager
- Phase I and Phase II Environmental Site Assessments (ESAs) – Various Clients/Locations, Nationwide // Project Manager
- Former SCANA Energy/PSNC Facilities – Various Locations, North Carolina // Project Manager
- Florida-funded Pre-approval and Preapproved Advance Cleanup (PAC) Sites – FL // Project Manager

Bradley Buchanan PE
Electrical Engineer

Stantec

EDUCATION
Bachelor of Science in Electrical Engineering, Central Michigan University, Michigan, 2012

REGISTRATIONS
Florida Professional Engineer #86225

Louisiana Professional Engineer #43229

North Carolina Professional Engineer #048137

Texas Professional Engineer #133831

Bradley has nine years of experience involving electrical service, generator sizing, power distribution, instrumentation and controls, electrical code compliance, preparation of specifications, drawings, and budgets. He has been involved with various pump station projects and site development projects. His project experience includes providing complete electrical design, motor control, instrumentation and controls, standby power system design, HVAC controls, PLC, and local HMI design.

RELEVANT EXPERIENCE

- Kingfish Pier Replacement, Key West FL // Electrical Engineer
- Sailfish Pier Replacement, Key West, FL // Electrical Engineer
- Dolphin Pier Replacement, Key West, FL // Electrical Designer
- Trumbo Pier, Key West, FL // Electrical Engineer
- Northwest 25th Court Street Lighting Study, Sunrise, FL // Electrical Engineer
- Franjo Road Reconstruction From Eureka Drive to Old Cutler Road, Cutler Bay, FL // Electrical Engineer
- NW 59th Avenue Extension, Miramar, FL // Electrical Engineer
- Northwest 25th Court Street Lighting Study, Sunrise, FL // Electrical Engineer
- Siesta Key Master Pumping Station, Sarasota, FL // Electrical, Instrumentation, and Controls Engineer
- Collier County Pump Station Rehabilitation Projects Naples, FL // Electrical and Instrumentation Design Engineer
- North Lee County RO Water Treatment Plant Well Field Expansion, Lee County, FL // Electrical, Instrumentation, and Controls Engineer
- South County Regional WTP Belt Filter Press Replacement, Collier County, FL // Electrical Engineer
- Flamingo WWTP Rehabilitation, Everglades National Park, FL // Electrical Designer

Juan Bolivar PE, LEED AP, PMP
Senior Engineer - Contract Specifications

Stantec

EDUCATION
Master of Science in Civil Engineering with Minor in Business, Florida Atlantic University, Boca Raton, Florida, 2008
Bachelor of Science in Civil Engineering (cum laude), Florida Atlantic University, Boca Raton, Florida, 2005

REGISTRATIONS
Florida Professional Engineer #73153
U.S. Green Building Council LEED Accredited Professional
Project Management Professional (PMP)® #1345010

Juan has 20 years of experience in the design and construction of transportation and civil engineering projects. He has served as Staff Designer and Field Project Manager on numerous projects in Colombia and the United States. He has a strong understanding of engineering specifications, construction practices and methodologies, as well as, estimating, surveying, and computer-aided design and drafting. Mr. Bolivar has also owned and operated investment and industrial companies. His experience includes: highways, tunnels, soils and pavement testing, transportation systems, and marine structures. Mr. Bolivar is also fluent in English, Spanish, French, and Portuguese.

RELEVANT EXPERIENCE

- Cost-Effective Repairs of Marine Piles, Florida Atlantic University // Project Engineer
- Evaluation of CCA vs. Non-CCA Treated Wood, Florida Atlantic University // Project Engineer
- CEI Construction Services for SR710/Beeline Highway from W. of Congress Avenue to W. of Australian Ave in Palm Beach County for the Florida Department of Transportation District 4 // Contract Support Specialist
- FDOT District 4 Districtwide Plan Reviews for over 100 Task Work Orders, Broward County, FL // Contract Support Specialist
- SR 15 / US-98 from Palm Beach Canal Point Bridge to Martin County Line Resurfacing Project, Palm Beach County, FL // Project Engineer
- Forest Hill Boulevard (SR 882) 3R Improvements, West Palm Beach, FL // Project Engineer
- SR 710 3R Improvements from Okeechobee County Line to East of the SR-76 Ramps, Martin County, FDOT District 4 // Project Engineer
- CEI Construction Services for the Florida Department of Transportation District 4, West Palm Beach Operations // Contract Support Specialist

Pat Kennedy
Project Engineer - Construction Management/CEI

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EDUCATION
Associate of Arts in Engineering, 2004

CERTIFICATIONS
FDEP Stormwater Management-Inspector
FDOT Maintenance of Traffic
CTCP Quality Control Manager
Pile Driving Inspection
Drilled Shaft Inspection
TIN #K53067068

Pat has 29 years of experience in CEI on FDOT/municipal road and bridge projects. Pat also has expertise with utility coordination, design-build (D/B) project delivery, P6 CPM schedule/claim analysis, and oordinating efforts between the FDOT and local governments. He has a broad knowledge of construction materials testing and plans review. He offers diversified experience in the field and management of day-to-day CEI operations.

RELEVANT EXPERIENCE

- I-95 Interchange Improvements: Palm Beach and Broward Counties, FDOT District 4 // Construction Project Manager
- I-95 Widening, Indian River County, FDOT District 4 // Project Administrator
- I-95 Widening and High-Occupancy Vehicle (HOV) CEI Projects, Palm Beach County, FDOT District 4 // Senior Project Engineer
- SR 80 Corridor / Mobility 2000 Projects, FDOT District 4 // Senior Project Engineer
- Reconstruction of East Winterberry Bridge over Roberts Bay, Marco Island, FL // Construction Project Manager

William Stuckey PE
Project Engineer - Construction Management/CEI

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EDUCATION
Bachelor of Science in Civil Engineering, The Citadel - Military College of South Carolina, Charleston, South Carolina, 1998

REGISTRATIONS
Florida Professional Engineer #60271

CERTIFICATIONS
CTQP Post Tensioning and Grouting Level II / CTQP QC Manager
FDEP Stormwater Management Inspector
TIN #S32092376201

Bill has 22 years of experience in the construction and engineering field, with most of that time providing CEI services. He is extremely versed in both road and bridge construction. Bill offers experience in many other construction-related areas, including D/B projects, quality control and assurance, contract administration, project scheduling, project documentation, materials testing, and surveying.

RELEVANT EXPERIENCE

- Roosevelt Bridge Structural Monitoring Construction Management General Contractor, Martin County, FL // Senior Project Engineer
- Peter P Cobb Memorial Bridge Rehabilitation, Martin County, FL // Senior Project Engineer-Project Administrator
- CR 712A McCarty Rd Bridge Replacement, St. Lucie County, FDOT District 4, FL // Senior Project Engineer-Project Administrator
- Spanish River Interchange, Palm Beach County, FDOT District 4 // Bridge Project Engineer
- I -95 Bridge Deck Replacement over CR 709 & 10-Mile Creek, St Lucie County, FDOT District 4 // Senior Project Engineer
- Indian Street Bridge, Martin County, FDOT District 4 // Senior Project Engineer
- Turnpike Reconstruction, Orange County, FDOT Florida's Turnpike Enterprise // Project Engineer
- Atlantic Avenue Interchange, Palm Beach County, FDOT Florida's Turnpike Enterprise // Project Engineer
- SR 80 Corridor Projects, Palm Beach County, FDOT District 4 // Bridge Project Engineer
- I-95/PBIA Interchange, Palm Beach County, FDOT District 4 // Bridge Project Engineer
- Evans Crary Bridge, Stuart, Florida // Bridge Inspector

Frankie Padro
Inspector - Construction Management/CEI

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CERTIFICATIONS
CTQP Final Estimates, Level I & II
CTQP Asphalt Paving, Level I & II
CTQP Earthwork, Level I & II
CTQP Drilled Shaft Inspection
CTQP Pile Driving Inspection
CTQP Concrete Field Inspector, Specialist, Level I
CTQP Post Tensioning Technician Level I
FDOT Advanced MOT
TIN #P36024077

Frankie is responsible for the inspection of various items of work on Cardno construction engineering and inspection (CEI) projects. His 13 years of experience includes inspection of both roadways and bridges and he continues to seek additional training and certifications in this field. His knowledge combined with his eagerness to learn make him an asset to any project team. Frankie is responsible for the inspection of various items of work on Cardno construction engineering and inspection (CEI) projects. His 13 years of experience includes inspection of both roadways and bridges and he continues to seek additional training and certifications in this field. His knowledge combined with his eagerness to learn make him an asset to any project team.

RELEVANT EXPERIENCE
- Mill and Resurface US1 @ Boca Chica Key, FDOT District 6 // Senior Inspector
- Key Deer Protection Project, FDOT District 6 // Senior Inspector
- I-95 Interchanges Palm Beach County, FDOT District 4 // Senior Inspector
- I-95 Widening Indian River County, FDOT District 4 // Senior Inspector

Eric Isaacs PSM, PLS
Senior Surveyor

Florida Keys Land Surveying, LLC

EDUCATION
Associate of Sciences in Surveying Technology, Tulsa Community College, Tulsa, Oklahoma, 2004

REGISTRATIONS
Florida Professional Surveyor and Mapper #6783
Oklahoma Professional Land Surveyor #1631

Eric has an extensive background in all aspects of the land surveying. He excels in problem solving with innovative solutions. Eric has a thorough knowledge of boundary surveys, topographic surveys, construction layouts, house stakeouts, subdivision stakeouts ALTA surveys and general construction practices. As a project manager and field chief I have the ability to complete a work order from start to finish. He has experience with Autocad, Land Desktop, and Autocad 2012 Civil 3D.

RELEVANT EXPERIENCE
- Hydrographic Survey Map of Sunset Marina, 5555 College Road, Key West, FL // Senior Surveyor
- Boundary Survey of a portion of land on Overseas Highway, Marathon Key, FL // Senior Surveyor
- Gerald Adams Elementary School, Key West, Monroe County, FL // Senior Surveyor
- 6410 5th Street, Key West, Monroe County, FL
- ALTA / NSPS Land Title Survey, 2945-2975 Overseas Highway, Marathon, Monroe County, FL // Senior Surveyor
- Topographic Survey of a portion of Green Street for Stantec and the City of Key West // Senior Surveyor
- Right of Way Mapping and Topographic Survey of a portion of the 1400 Block of Duval Street, Key West, Monroe County, FL // Senior Surveyor
- Boundary Survey of 3251 Overseas Highway, Marathon Key, FL // Senior Surveyor
- Faro Blanco Resort - ALTA / NSPS Land Title Survey – 1996 & 2010 Overseas Highway, Marathon, FL // Senior Surveyor
- Topographic Survey of Tommy Roberts Stadium, Key West, FL // Senior Surveyor
- Specific Purpose Survey to Illustrate Topographic Data & Authored Legal Descriptions, Monroe County, FL // Senior Surveyor

Phillip Frank

Senior Environmental Scientists - Env. Permitting

Terramar Environmental Services, Inc.

EDUCATION

Ph.D. 2004, University of Florida, Wildlife Ecology and Conservation
Master of Sciences in Zoology, University of South Florida, 1989
Bachelor of Science in Biology, Indiana University, 1984

Dr. Frank has over 25 years of experience in environmental conservation with agencies at both the State and Federal Level. He spent over 13 years with the USFWS and FWC in the Florida Keys. Dr. Frank was a Project Manager with the FWS and FWC for numerous threatened and endangered species conservation and recovery projects in the Florida Keys. He has conducted endangered species coordination, plan design, mitigation and monitoring project work for Florida Keys Overseas Heritage Trail (FKOHT). He has a unique and respected ability to assess and relocate corals off of bridges (i.e. Bahia Honda Bridge, Long Key Bridge) and has established an excellent relationship with the Florida Keys National Marine Sanctuary. He has overseen the design and construction of numerous mitigation and monitoring projects in the Keys for Florida Department of Transportation (FDOT). Dr. Frank has extensive experience in the oversight and inspection of construction projects and has the proven ability to work with engineers and contractors to address and resolve environmental issues.

AREAS OF RESPONSIBILITY

- Threatened and Endangered Species Surveys and Impact Assessment, Endangered Species Biological Assessments (ESBA), USFWS/NMFS Biological Opinions, Section 7 Consultations, Wetland Impact Assessment and UMAM Analysis, Marine/Benthic Resource Assessments, Coral Relocation Plans, Terrestrial, Wetland and Marine Restoration Planning, Mitigation Plans, Mitigation Monitoring and Assessment, Invasive Exotic Species Control, Resource management Plans, Governmental Affairs and Agency Coordination.

Richard Wohlfarth PE

Senior Geotechnical Engineer

Nutting Engineers of Florida, Inc.

EDUCATION

Bachelor of Science in Civil Engineering, University of Florida, Gainesville

REGISTRATIONS

Engineer Professional Engineer #50858
Registered Building Inspector-State of Florida BN #3580
SBCCI #6528
ACI Level 1 #991175

Richard is the Director of the Engineering Department which includes ~50 professional and technical personnel. He also has overall responsibility for the Special Inspection, Construction Materials Testing and Geotechnical Engineering Divisions where he directs training, quality system review and personnel evaluations. His responsibilities include report review, signing and sealing geotechnical engineering, structural inspection and laboratory testing reports for the company, providing contract negotiation and administration, budget estimating and project management.

Richard has 35 years of experience (29 with NEF) in various aspects of geotechnical engineering which include determining feasibility of site development, foundation design analysis and recommendations, providing engineering evaluation for bridge and roadway construction, pavement design for roadways, roadway subgrade stabilization by geotextiles and other means, design of shoring systems for utility trenches and other deep excavations, dewatering methodology for trench and other excavations and backfill procedures, setting up and monitoring pile load tests, and providing value engineering for foundations.

RELEVANT EXPERIENCE

- Crandon Park Marina Pier Replacements, Key Biscayne, FL // Project Manager
- Florida Keys Aqueduct Authority Stock Island RO Facility, FL // Senior Geotechnical Engineer
- Central Cudjoe Regional Wastewater System Extension, Islamorada City of Key West // Senior Geotechnical Engineer
- New Haven Force Main Extension, Overseas Highway from Key Haven Boulevard to Shangri-La Avenue, Key Haven, FL //Senior Geotechnical Engineer

TAB 7.
QUALIFICATIONS

TAB 7. QUALIFICATIONS

Stantec offers outstanding credentials and experience in the provision of general engineering contract services. We have been called on time and again to assist state agencies, educational institutions, military clients, port authorities, and municipal clients on an as-needed basis. Many relationships span several decades, attesting to our clients' satisfaction with our work and the high professional standards of services and engineering excellence we provide.

We have been awarded over 60 continuing services contracts for various municipalities including North Miami Beach, North Miami, South Miami, Miami Beach, Miami, Doral, Coral Gables, Golden Beach, Key Biscayne, Cutler Bay, Palmetto Bay, Pinecrest, Florida City, Indian Creek, Hialeah, Coral Springs, Fort Lauderdale, Miramar, Lauderdale Lakes, Lauderhill, Plantation, Sunrise, Davie, Tamarac, Deerfield Beach, Pompano Beach, Riviera Beach, West Palm Beach, and Naples, to name a few. The firm's design and construction management teams have assisted these municipalities in the improvements and reconstruction of their infrastructure systems. This has included projects such as roadway reconstruction
and streetscaping, neighborhood improvement projects, undergrounding of utilities, municipal building facilities, coastal and canal improvements involving resiliency programs, city parks, and various studies involving forensic assessment, rate studies, infrastructure forecasting, paving programs, and GIS integration.

We have assembled a team of support disciplines which has helped us complete many projects under similar continuing service contracts. The Stantec team will be able to provide to the City a thoughtfully-assembled, experienced, full service team, organized and qualified to address every need of your specific task projects. We offer extensive relevant experience, strong local presence, and effective project management capabilities. We have extensive experience with roadway construction, permitting, environment and regulatory affairs, municipal water and sewer departments, and with all of Miami-Dade County's various regulatory departments as well as their Public Works and Traffic Engineering Divisions.

Our engineers, roadway experts lay the groundwork for infrastructure, while our planners create designs using knowledge of local regulations to navigate approvals. Our environmental scientists restore and preserve sites. Our public participation experts engage stakeholders to build consensus. Our technical experts and project managers bring designs to life. Together, we cover all aspects of municipal civil engineering while balancing what's important to the community and the environment.

From engineers to architects, we have the comprehensive team of professionals ready to meet the City's needs—all in one place. We are very interested in this contract and our integrated team is committed to make it a success. Our skilled professionals will work together to deliver the best design solution and will be available to service expeditiously at the request of the City.

Because our team works together under one roof, knowledge and ideas are naturally shared though daily interactions—and that synergy of creativity and collaboration drives a successful project. Stantec confirms that our team is currently available to begin the services and confirm our availability and degree of accessibility to the City of Key West for anything you may need.

Please see attached list of similar project experience for more information of our qualifications.

Working with the City

In our continuous working relationship with the City of Key West, we have formed close ties, and have developed a clear and deep understanding of the City and its infrastructure.

We are intimately familiar with the Public Works Department Standards and procedures, and as such, there would be a very limited learning curve for us if we were selected to serve the City under this contract. Our deep and varied experience with other municipalities, local and across the state, gives us a broad view of problems and challenges being faced by cities across our region, and how these are being addressed and solved. We encourage innovation and the cross-pollination of ideas between our projects, and across our practice, affording the City with the resulting benefits that this produces.

In the process of having successfully completed so many high-profilee public works projects in South Florida, we have learned the critical importance of expedited project execution and robust public involvement. We have developed a sensitivity to the unique and varied nature and challenges posed by public infrastructure construction in residential and commercial areas.

Our design and construction staff is deeply experienced with successfully delivering City projects in your neighborhoods. Our approach to managing the construction of public infrastructure projects is pro-active in nature, and based on a cooperative partnering relationship with the contractor, the City, the affected residents and businesses, and the greater public. We firmly believe that this approach is the key to both minimizing and mitigating impacts and inconveniences to the community.

Our Coral Gables office, which will perform the work under this contract, allows us to service the City almost immediately once a request is made. If we could not service our clients. We would not be retained so many times over multiple years and changes in government commission. And the City of Key West should expect to get a full level of service for the money they spend on consulting fees. Stantec can guarantee that we will be there when you call, respond in a professional manner, and provide you with a level of service second to none.

Stantec

TRUMBO ROAD SHORLINE STABILIZATION
KEY WEST, FL

Client Name: City of Key West

Client Contact: Karen Olson, Deputy Director Port & Marine Services
305-809-3803 / kolson@cityofkeywest-fl.gov

This successfully project involved the stabilizing of 25 linear feet of existing shoreline. The shoreline was previously stabilized with inadequate debris and the adjacent road was at risk of failure. Existing utilities were also at risk and were exposed in several areas. The section was designed using varying sizes of rip-rap placed on top of a filter fabric liner. Environmental permits were required through Florida Department of Environmental Protection, and The United States Army Corps of Engineer. Upon completion of the benthic survey, coordination was required through NOAA/Florida Keys National Marine Sanctuary to relocate protected coral resources and mitigation was required to remove a small portion of mangroves. The new rip-rap provided a much improved look for the area and successfully prevented erosion.

Stantec

SAILFISH PIER REPLACEMENT
KEY WEST, FL

Client Name: City of Key West

Client Contact: Karen Olson, Deputy Director Port & Marine Services
305-809-3803 / kolson@cityofkeywest-fl.gov

Together with the City of Key West, this much needed pier replacement projected was successfully completed. The old concrete pier was experiencing heavy deterioration and minor repairs over the years were not enough to keep this vital pier operational. Our scope of work included surveying, geotechnical testing, environmental reporting, civil, plumbing, electrical, fire protection, and structural design.

The plans were permitted through the applicable agencies including Florida Department of Environmental Protection and The United States Army Corps of Engineer. Prior to construction, all of the 17 houseboats had to be carefully relocated to a nearby pier and moved back upon completion of construction. The improvements included new steel piles, aluminum framed floating dock, utility pedestals including water, sewer, and electrical, and fire protection cabinets. All house boats were successfully moved back into place and the end users have been very happy with the upgrades.

Stantec

DOLPHIN PIER REPLACEMENT
KEY WEST, FL

Client Name: City of Key West

Client Contact: Karen Olson, Deputy Director Port & Marine Services
305-809-3803 / kolson@cityofkeywest-fl.gov

Together with the City of Key West, this much needed pier replacement projected is schedule for construction in 2017. The old concrete pier was experiencing heavy deterioration and existing utility lines were in need of upgrades. Our scope of work includes surveying, geotechnical testing, environmental reporting, civil, plumbing, electrical, fire protection, and structural design. The plans were permitted through the applicable agencies including Florida Department of Environmental Protection and The United States Army Corps of Engineer. Prior to construction, all 16 of the houseboats will need to be carefully relocated to a nearby pier and moved back upon completion of construction. The improvements included new steel piles, aluminum framed floating dock system, utility pedestals including water, sewer, and electrical, and fi re protection cabinets.

Stantec

ANGELA STREET RECONSTRUCTION
KEY WEST, FL

Client Name: City of Key West

Client Contact: Gary J. Volenec, PE, City Engineer
305-809-3967 / gvolenec@cityofkeywest-fl.gov

Stantec was asked to provide surveying, design, and permitting assistance services for the conversion of this dead end, minimal access road into a one-way exit for the Truman Waterfront Master Plan. The road served as an access point to several residences and an old utility building.

The conversion to an exit from the Truman Waterfront parking lot will greatly assist with traffic fl ow and access in the area and enhance an underutilized portion of road. A new sidewalk on the north side along with new ADA ramps will greatly assist with safe pedestrian travel through the corridor. Existing trees were avoided as much as possible to preserve the existing tree canopy.

Stantec

KINGFISH PIER
KEY WEST, FL

Client Name: City of Key West

Client Contact: Karen Olson, Deputy Director Port & Marine Services
305-809-3803 / kolson@cityofkeywest-fl.gov

Stantec assisted the City of Key West with the replacement of the Kingfish Pier at the City marina at Garrison Bight. The project proposed to demolish the existing concrete Kingfish Pier and replace it with a new floating dock, approximately 400 feet in length, with twenty four 30-ft long finger piers (with up to 48 slips). The new floating dock facility include potable water, fire protection, electrical and sanitary sewer systems, and is accessible from the south via a new gangway ramp from the existing adjacent wooden dock.

Stantec

OLD CUTLER ROAD NEIGHBOURHOOD IMPROVEMENTS
CUTLER BAY, FL

Client Name: Town of Cutler Bay

Client Contact: Alfredo Quintero, Public Works Director
305-234-4262 / aquintero@cutlerbay-fl.gov

This Joint Participation Agreement with Miami-Dade County successfully accomplished several project goals including pedestrian safety, traffic calming, improved traffic flow and beautification. Project elements included two traffic circles, pavement reconstruction, curb and gutter, new sidewalks, a shared use path, medians, continuous drainage system, medians, signalization upgrades, crosswalks, landscaping, irrigation, lighting, and several site amenities. Amenities included new bus shelters specifically designed for a unique Town feel, site furniture, and state historic designation markers.

This Miami-Dade County roadway is considered an arterial collector and the proposed configuration for Old Cutler Road included roundabouts at each end of the corridor for traffic calming and beautification. The 1.24-mile corridor between these two roundabouts are a two lane roadway with turn lanes, landscape medians and scramble lanes. Permitting including Miami-Dade County Public Works DERM and Town of Cutler Bay.

With uncommon native plants and several neighborhood improvements, this state historic designation marker neighborhood combines natural beauty, safety and maintains the appearance and atmosphere of a country road providing a palpable reminder of the heritage of the Miami area. For all this reason, **the project was awarded the "2014 project of the year award by the Cuban American Association of Civil Engineers".**

Stantec

CARIBBEAN BOULEVARD NEIGHBOURHOOD IMPROVEMENTS AND TRAFFIC STUDIES CUTLER BAY, FL

Client Name: Town of Cutler Bay

Client Contact: Alfredo Quintero, Public Works Director
305-234-4262 / aquintero@cutlerbay-fl.gov

Stantec was contracted by the Town of Cutler Bay as prime consultant to design improvements for the portion of Caribbean Boulevard between Coral Sea Road and SW 87th Avenue. The project consisted of 1.8 miles of roadway improvements and included two traffic circles, pavement reconstruction, curb and gutter, sidewalks, concrete crosswalks, pavers, drainage facilities, medians, turn lanes, landscaping, irrigation, bus shelters, roadway lighting, pavement markings, signage and signalization.

This portion of Caribbean Boulevard is primarily a residential road. The improvements included roundabouts at Gulf Stream Road and SW 192 Drive for traffic calming and beautification. The corridor is a two-lane roadway with turn lanes, landscape medians and traffic calming splitter islands where plausible. Permitting included Miami-Dade County Public Works, DERM, and Town of Cutler Bay. The project also involved a traffic operational and capacity analysis study for the corridor. This included traffic data collection and field inventory of existing conditions, evaluation of existing signal operations and timings and development of optimal signal timing parameters (such as cycle length, actuated and effective green time, clearance time and phasing sequence) for five signalized intersections within the study area using HCS+, SYNCHRO and SIMTRAFFIC, left turn warrant analysis to determine storage lengths, capacity analysis of proposed traffic circles, and recommendations for improvements.

The drainage analysis began with the study of existing conditions. The corridor included insufficient stormwater and green infrastructure such as no curb and gutter, limited landscaping, unpaved, relatively flat profile grading, and limited, isolated, and antiquated drainage systems. Luckily, the swales were largely sodded and percolation through existing soils was relatively good.

Stantec

MIAMI BEACH SEA LEVEL RISE PROGRAM: PERMITTING OF STORMWATER PUMP STATIONS, SEAWALLS, AND OUTFALLS, MIAMI BEACH, FL

Client Name: Town of Cutler Bay

Client Contact: David Martinez, PE, Capital Imp. Director
305-673-7073
davidmartinez@miamibeachfl.gov

With the growing challenges to stormwater management based upon the threat of climate change and sea level rise, the City of Miami Beach modified their stormwater master plan, converting from a gravity-based system to a system utilizing pump stations and outfalls. Stantec was selected by the City to provide environmental and engineering services related to obtaining a wide range of federal, state, and local permits as part of the implementation of these improvements. The required authorizations have included:

- Environmental Resource Permits (ERP) through the South Florida Water Management District (SFWMD)
- Dredge & Fill Permits through the U.S. Army Corps of Engineers (USACE)
- Class I, Class II and Class V Permits from the Miami-Dade County Department of Environmental Resource Management (DERM)
- Consumptive use permits (CUP) through the SFWMD
- Class V stormwater well permits from the Florida Department of Environmental Protection (FDEP)

These projects included construction of seawalls and pump stations and installation of stormwater outfall structures and erosion control. Stantec met the challenge of obtaining these permits in a very short period in order to meet the demanding schedule established by the City to avoid flooding in the streets during high and king tides. Our staff was able to work with all of the listed agencies to negotiate through the permitting processes to meet construction schedules. In addition, Stantec was able to coordinate with commenting agencies to avoid lengthy federal consultation processes for endangered species (specifically the small tooth sawfish and Johnson's seagrass both regulated by the National Marine Fisheries Service).

Stantec

GOLDEN BEACH CAPITAL IMPROVEMENTS GOLDEN BEACH, FL

Client Name: Town of Golden Beach

Client Contact: Alexander Diaz, Town Manager
305-932-0744 / alexdiaz@goldenbeach.us

The resort-like community of Golden Beach is one of the most desirable in South Florida. This upscale community is home to many celebrities and multi-million dollar residences— in fact, even Eric Clapton named his album 461 Ocean Boulevard after a Golden Beach property!

With the community's reputation in mind, we designed a project to increase the community's infrastructure and aesthetic value. We developed a comprehensive Capital Improvements Program Master Plan focused on three major improvement areas: town-wide drainage, utilities underground relocation, and streetscape & traffic calming. Drainage improvements included design review, costs analysis, and recommendations based on the Town's existing stormwater master plan. This included construction inlets and culverts to collect and direct stormwater runoff to pumping stations discharging into the intracoastal waterway.

Utilities Underground Relocation improvements included a thorough analysis of the Town's existing power system configuration, and close coordination with FPL and other utility companies in developing a conceptual plan for burying all utility transmission and distribution lines throughout the entire Town.

We redefined and enhanced the Town's major thoroughfares and side to increase public safety, and improve the quality of life and aesthetic appeal. Improvements included highlighting intersections with concrete pavers and crosswalks, delineating of roadways with valley edge gutters, construction of traffic splitter islands and center median with new landscaping, and new lighting.

Stantec

BILL BAGGS STATE PARK SEAWALL AND BULKHEAD IMPROVEMENTS, MIAMI-DADE, FL

Client Name: Florida Department of Environmental Protection

Client Contact: Mae Roth, Contract Manager
850-245-2781/ mae.roth@dep.state.fl.us

This project involved the rehabilitation of 1,400 LF of seawall along No Name Harbor in Bill Baggs Cape Florida State Park. The State Park is located along the bay side of the southern end of Key Biscayne. Stantec provided an initial assessment of the seawall structural conditions, in addition to a benthic study to identify marine natural resources along the seawall area.

We provided final design and plans preparation for the recommended improvements, which included dunked seawall replacement, installation of battered concrete piling, a new concrete seawall cap, and a new pedestrian path along the lengths of the improved seawall.

Permitting issues included the identification, removal and relocation of corals and sponges that were attached to the seawalls that were being repaired. Permits were obtained from the USACOE as well as through Miami Dade County Department of Environmental Resource Management.

Upland work included new sidewalks, drainage improvements, erosion control, sodding and site cleanup as well as the creation of a new waterside patron plaza by the restaurant.

Stantec

INDIAN CREEK DRIVE DRAINAGE AND SLR ADAPTATION INDIAN CREEK, FL

Client Name: Village of Indian Creek

Client Contact: Guillermo Olmedillo, Project Manager
305-865-4121 / golmedillo@icvps.org

Leading global design firm, Stantec, was selected by the Village of Indian Creek, to redevelop 8,500 linear ft. of roadway on Indian Creek Island. The road improvement project includes the implementation of resiliency measures to protect against future sea-level rise.

In addition to the roadway, Stantec designed a new walking trail and scenic improvements, including lighting that spans the length of the road. Landscape architecture elements will complement the existing environment while preserving the unique frontage of the local residential properties. The project also includes connecting the village to a public central sewer to replace the island's septic tanks. The addition of sanitary sewer lines will reduce the environmental impact of wastewater and better protect residential property against sea-level rise.
For the stormwater design, we analyzed existing conditions including existing outfalls. With several very low, flat roadway areas, heavy flooding was continuously a problem. Upon review of the Village's Stormwater Master Plan, it was evident that although the outfalls to the Bay provided sufficient transmission capacity, the system was not interconnected. The final design consisted of retrofitting existing outfalls with inline check valves for backflow prevention, specifying manatee grates at the pipe ends, and a continuous 30" diameter exfiltration trench system. During construction, several environmental controls are required including silt fences, inlet protection, and turbidity curtains at each outfall.

Throughout the entire process, Stantec is working closely with the community and the village council to ensure residents' needs and concerns are properly addressed.

Stantec

PALM AND HIBISCUS ISLANDS NEIGHBORHOOD IMPROVEMENTS, MIAMI BEACH, FL

Client Name: City of Miami Beach

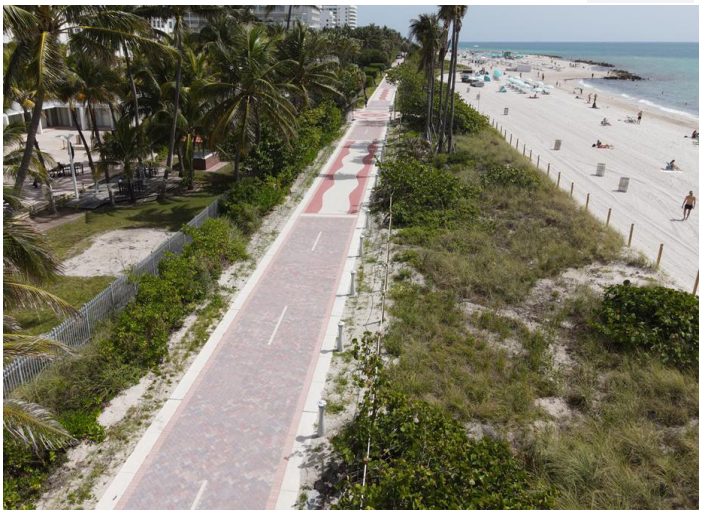
Client Contact: David Martinez, PE, Capital Imp. Director
305-673-7073
davidmartinez@miamibeachfl.gov

Stantec served as Design Criteria Professional and Resident Project Representative for this design/build project which involves complete infrastructure and roadway reconstruction on Palm and Hibiscus Islands. The primary goals of this project included infrastructure renewal, enhanced drainage and stormwater quality treatment, beautification, and combatting the effects of sea level rise.

Scope of work included watermain and water service replacement, rehabilitation of the existing gravity sanitary sewer lines and manholes, complete stormwater infrastructure improvements, roadway reconstruction including raising roads where possible and harmonization to properties, concrete work including curbs and sidewalks, the undergrounding of overhead utilities for Florida Power & Light (FPL), AT&T, and Atlantic Broadband, and landscaping.

The stormwater systems include a primary and secondary gravity collection system and large pump stations to discharge into Biscayne Bay. Water quality is provided via exfiltration trenches and vortex structures. Environmental controls during construction and all maintenance of traffic had to be carefully monitored at all times. Close coordination with City staff and homeowners was critical to ensure impact to residents was minimized.

Stantec



MIDDLE BEACH CORRIDOR PHASE 2 - 3
MIAMI BEACH, FL

Client Name: City of Miami Beach

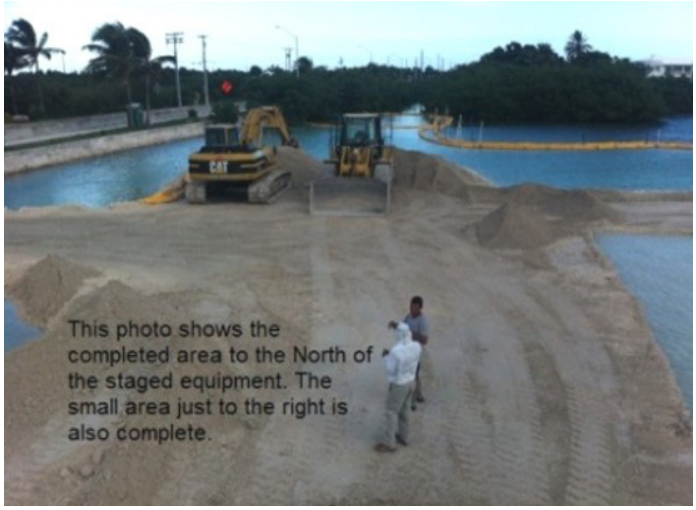
Client Contact: David Gomez, Capital Project Division Director
305-673-7071 / davidgomez@miamibeachfl.gov
Ariel Guitian Senior Capital Project Coordinator
786-753-2906 / arielguitian@miamibeachfl.gov

Stantec provided Construction Engineering and Inspection (CEI) on this LAP funded City project with full-time inspection and FDOT coordination with LAP personnel.

Middle Beach Recreational Corridor, a segment which connect 46 Street to 64 Street with an on-grade pedestrian walkway. Stantec Consulting Services provided Client Representation and Construction Engineering and Inspection (CEI) services for the construction of two major sections of a major recreational pathway along iconic Miami Beach. CEI services included representation in support of FDOT coordination to satisfy LAP Funded requirements.

The project consisted of demolition of an existing raised boardwalk and the construction of nearly two-miles of paver pathways along the beach front. The project also included construction of improvements at 11 intersecting street ends including connecting pathways, showers, water fountains and seating walls. Stantec provided Construction Engineering and Inspection (CEI) on this LAP funded City project with full-time inspection and FDOT coordination with LAP personnel.

Stantec



HOUSEBOAT ROW SEAGRASS RESTORATION PROJECT
KEY WEST, FL

Client Name: FDOT District 6

Client Contact: Nathan V. Pulido, PE, District Drainage Engineer and Environmental Permits Coordinator
305-470-5264 / nathaniel.pulido@dot.state.fl.us

The Houseboat Row site is a historic seagrass flat that was dredged for the mooring of houseboats. We were responsible for the environmental services and monitoring a contractor to restore 2.61 acres of seagrass habitat at the historic Houseboat Row site located just east of South Roosevelt Boulevard in Key West. We restored the dredged area by backfilling the area to re-establish the historic elevation for successful seagrass colonization. The proposed project was authorized and permitted by the U.S. Army Corps of Engineers (USACE) and the South Florida Water Management District (SFWMD) as mitigation for impacts associated with the reconstruction and roadway improvements of North Roosevelt Boulevard (SR 5/US 1). Our multi-disciplinary team of technical professionals assisted with the design, MOT development, and environmental and construction oversight.

Stantec

DUVAL STREET & GREENE STREET PAVING - CEI CONTRACT, KEY WEST, FL

Client Name: City of Key West

Client Contact: Kelly M. Crowe, PE, Utilities Director
305-292-4416 / kcrowe@cityofkeywest-fl.gov

Cardno now part of Stantec, is providing ongoing Construction Engineering and Inspection Services with the City of Key West. Below is a list of task orders that have been assigned under this contract.

Paving portions of Simonton Street: Milling/Resurfacing and construction improvements on Simonton Street (from Truman Ave to Southard Street, approximately 1,700LF). The main purpose for this group of projects is to provide improvements for motorist and pedestrian movements along with parking through this corridor The roadway will be resurfaced with SP Type 9.5 Asphalt and this will is be accomplished in conjunction with other City improvements.

Duval Street & Greene Street Paving: Milling/Resurfacing and construction improvements on Duval Street and Greene Street. The main purpose for this group of projects is to provide improvements for motorist and pedestrian movements along with parking through this corridor. The roadway will be resurfaced with SP Type 9.5 Asphalt and this will is be accomplished in conjunction with other City improvements.

20th Street & Greene Street: Milling/Resurfacing and construction improvements on 20th street and Greene Street. The main purpose is to provide improvements for motorist and pedestrian movements along with parking improvements. The roadway will be resurfaced with SP Type 9.5 Asphalt and this will is be accomplished in conjunction with other City improvements.

Stantec

BRIDGE DESIGN CONTINUING SERVICES - REPLACEMENT OF TEN BRIDGES, FORT LAUDERDALE, FL

Client Name: City of Fort Lauderdale

Client Contact: Raymond Zazaire, PE, CGC
954-828-8954 / rnazaire@fortlauderdale.gov

The City of Fort Lauderdale has received funding for the execution of these projects from FDOT District 4 through a Local Agency Program (LAP) agreement. There are numerous challenges in these project such as proximity of existing residences and boats, MPT phasing construction within a limited row, utility coordination and relocations, biological survey, permitting, completion of U.S.C.G (United States Coast Guard) Project Questionnaire Programmatic, Categorical Exclusion checklist, bridge hydraulics and scour determinations, etc. The projects were divided in two (2) Task Orders to expedite the completion of the design and to be able to start construction of the bridges that have been already funded. - Services include providing full engineering services for the replacement of ten (10) existing bridges:

1. 865766 (SE 15th Avenue)
2. 865767 (SE 15th Avenue)
3. 867778 (Harborage Isle)
4. 865729 (E. Las Olas Blvd)
5. 865712 (Castle Harbor)
6. 865713 (NE 41st Street)
7. 865774 (W. Lake Mercedes)
8. 865770 (Laguna Terrace)
9. 865775 (S. Ocean Dr.)
10. 865773 (W. Lake Lucille)

Stantec

PARK DEVELOPMENT OVER LANDFILL

Client Name: Confidential Client

Stantec and the client's collective Community team are moving to implement a series of mitigation measures for a regional park with multiple issues related to initial development (by others) without proper site specific engineering controls for the project setting. The project is largely funded through a state abandoned landfill mitigation program augmented by municipal funding. This background positions the Stantec team with industry leading "lessons learned" for elements that may often be overlooked or not fully addressed for similar park-over-landfill development settings.

The project execution plan was developed with a core emphasis on:
- Stakeholder engagement and input
- Strategic stewardship of community funding
- Relationship building between multiple entities to derive value engineered solutions

Challenges observed include:
- Limited historical landfill operations and waste characterization data
- Differential settlement and related infrastructure impacts Inadequate cap
- Uncontrolled stormwater
- Leachate outbreaks
- Uncontrolled landfill gas

Stantec leveraged all available historical data as well as cost-effective lidar topographic information to build the initial technical and geospatial knowledgebase. Leveraging our team's leading GIS applications multiple public data sets were integrated into the base mapping for use in "visioneering" the path forward from investigation to implementation. From that starting point we were able to proactively communicate the technical gaps in landfill substrate characterization and implement intrusive studies that provide the information needed for informed decisions and value-based solutions.

Stantec

TRIGG COUNTY LANDFILL SITE CHARACTERIZATION, DESIGN AND CONSTRUCTION OVERSIGHT TRIGG COUNTY, KY

Client Name: Kentucky Division of Waste Management

Client Contact: Tom Rogerse, Project Manager
502-564-6716

Stantec was contracted by the Kentucky Finance and Administration Cabinet's (FAC) Division of Engineering to perform a multi-phase characterization/design/remediation study of the Trigg County Landfill. The four main phases of the work include Phase A – File Review and Work Plan; Phase B – Detailed Site Characterization; Phase C – Project Design; and Phase D – Construction/Remediation.

Phase A – File Review and Work Plan. The initial task required for Phase A consisted of Stantec personnel reviewing Division of Waste Management's (DWM) files regarding the Trigg County Landfill. According to the DWM file review, the area contained two adjacent landfill sites. The first landfill facility (pre-1981 site) reportedly ceased operations in 1981 and the second facility (post-1981 site) began receiving waste the same year. The DWM file review indicated the landfill site is located within karst topography and have been shown by dye tracing to by hydraulically connected to the Cadiz town spring. However, available ground water monitoring data from the landfill did not indicate any obvious leachate release. As the facility operated prior to the current Subtitle D requirements, it is understood that the site does not contain a bottom liner system or a leachate collection system.
Phase B – Detailed Site Characterization. Based on the findings from the file review, Stantec personnel developed a work plan for the detailed site characterization that contained the following elements:- Project Basemap Development - Published Regional Information - Site Reconnaissance and Well Survey – Geologic and Hydrogeologic Site Characterization - Remote Sensing - Waste Boundary - Cap Thickness and Borrow Sources - Waste Volume, and more.

Once all components of Phase B are completed, Stantec will move into Phase C – Project Design, and Phase D – Construction/Remediation.

Stantec

LAKE PANCOAST LIVING SHORELINE STABILIZATION, MIAMI BEACH, FL

Client Name: Miami Beach

Client Contact: Elizabeth Wheaton, Director, Environment and Sustainability Department
305-673-7084 /
elizabethwheaton@miamibeachfl.gov

The City of Miami Beach is planning to construct a living shoreline/mangrove planter in Lake Pancoast adjacent to Collins Avenue. The living shoreline project is proposed in conjunction with the raising of the adjacent seawall at Indian Creek Drive between 25th and 41st Streets. This area of Miami Beach is very low and prone to increasing flooding from high tides. Stantec is responsible for the design and permitting of the living shoreline system which includes a mangrove planter, manatee ingress/egress points, and a rip rap shoreline.

We are acquiring permits from the U.S. Army Corps of Engineers, South Florida Water Management District, and Miami-Dade County Department of Regulatory and Economic Resources. This includes an evaluation of benthic impacts and Essential Fish Habitat and Endangered Species Consultations with the U.S. Fish and Wildlife Service and National Marine Fisheries Service. The project will serve as a living shoreline and provide habitat for marine species as well as aid in improving water quality within the area. Design portion of the project was completed on-time.

Stantec

CAPE CORAL SOUTHWEST WATER RECLAMATION FACILITIES OPERATION BUILDING, CAPE CORAL, FL

Client Name: City of Cape Coral

Client Contact: Jody Sorrels, Project Manager
239-574-0401 / jsorrels@capecoral.net

The City of Cape Coral faced an unfortunate situation with the premature aging of an existing utility administration building located within their Southwest Water Reclamation Facilities. Stantec was chosen to provide planning, surveying, architectural design, mechanical, electrical, site civil design, permitting, and construction administration tasks associated with the replacement of the existing building with a modern, energy efficient, and fully functional administration center and on-site laboratory, designed with long-term resiliency in mind. This project involves the design of two new buildings at the Southwest Water Reclamation Facilities (SWWRF) in Cape Coral, Florida. The Operations and Maintenance Building will be a two-story, 24,149 GSF building. The Generator Storage Building will be a one-story, 8,364 GSF building.

The new Operations and Maintenance Building will replace the existing, abandoned building. The design is a two-story building with Maintenance component on the first floor and the Administration and Operations on the second floor. The Maintenance floor is designed with Repair Bays, Welding Bay, Parts Rooms, and Shop spaces along with a mezzanine level for storage. Various industrial equipment including a bridge crane, storage shelving and pipe racks, and welding equipment has been developed. The Administration and Operations floor has a Control Room that overlooks the site, SCADA Room, Lab, Training Room, Conference Room, Break Room, and Offices. Resilience is an important consideration for this south Florida coastal building so the exterior materials include tilt-wall concrete construction and a generator and mechanical equipment are located on a second floor covered area to be above a storm surge.

Florida Keys Land Surveying

CITY OF KEY WEST CONTINUING CONTRACT FOR PROFESSIONAL SURVEYING SERVICES, KEY WEST, FL

Client Name: City of Key West

Client Contact: Kelly M. Crowe, PE, City Engineer
305-809-3967

Professional Surveying Services Agreement (2013-2016) - Executed two-year extension option (2016-2018)

Professional Surveying Services Agreement (2018-2021) with a two-year option to extend

Professional Surveying Services Agreement executed 2 year extension (2021-2023)

- FKLS provides all surveying services on an as needed basis, including but not limited to: Boundary / Property Surveys, Right of Way Determinations, Topographic Surveys, FEMA Elevation Certificates, Interpretation of Metes and Bounds Legal Descriptions, Drone Mapping & General Mapping

Florida Keys Land Surveying

MONROE COUNTY CONTINUING CONTRACT FOR PROFESSIONAL ENGINEERING AND SURVEYING SERVICES MONROE COUNTY, FL

Client Name: Monroe County - Engineering

Client Contact: Kevin G. Wilson, PE
305-453-8788

Professional Surveying Services Agreement (2015 - 2020)

- FKLS provides all surveying services on an as needed basis, in which the survey cost does not exceed $10,000.00
- Including but not limited to: Boundary / Property Surveys, Right of Way Determinations, Topographic Surveys, FEMA Elevation Certificates, Interpretation of Metes and Bounds Legal Descriptions, & General Mapping

Florida Keys Land Surveying

MONROE COUNTY – COMMUNITY BLOCK GRANT-DISASTER RECOVERY (CDBG-DR) VOLUNTARY HOME BUYOUT PROGRAM – US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

Client Name: Monroe County - Planning and Environmental

Client Contact: Cynthia Guerra, MPA, CFM – Acquisitions Manager, VHBP Fair Housing Coordinator
305-453-8756

Professional Surveying Services Agreement (2021 - On Going)

- FKLS provides all surveying services for the VHBP progam.

Terramar Environmental Services

MALLORY PIER CORAL ASSESSMENT AND RELOCATION PLAN, KEY WEST, FL

Client Name: City of Key West

Client Contact: Steve McAlearney
Port and Marine Services Director
smcalearney@cityofkeywest-fl.gov

Assist the City of Key West in obtaining authorization from the Florida Keys National Marine Sanctuary (FKNMS) to conduct coral removal and relocation is association with the Mallory Pier Improvements Project. Conducted in-water coral and marine resource assessments. Prepared a Coral Relocation Plan for the project and obtained authorization from FKNMS for the coral relocation aspect of the project.

Terramar Environmental Services

KINGFISH PIER REPLACEMENT, KEY WEST, FL

Client Name: City of Key West

Client Contact: Karen Olson, Deputy Director Port & Marine Services
305-809-3803 / kolson@cityofkeywest-fl.gov

Assisted the City of Key West with the replacement of the Kingfish Pier at the City marina at Garrison Bight. Conducted in-water assessment of marine resources, prepared environmental reports, prepared ERP permit application and obtained authorizations from the US Army Corps of Engineers and the Florida Department of Environmental Protection. Also supported construction efforts with on-site construction compliance observations and maintaining ERP permit compliance.

Nutting Engineers of Florida

KEY WEST AQUARIUM
KEY WEST, FL

Client Name: City of Key West

Client Contact: Dave Frodsham, Project Manager
(Tetra Tech)
772-781-3400 / dave.frodsham@tetratech.com

Nutting Engineers of Florida, Inc. was retained by Tetra Tech to perform the geotechnical exploration/engineering services for the evaluation of the existing seawall that was to be redesigned/ rehabilitated.

As part of the geotechnical exploration NE performed one (1) SPT boring to 50' below the ground surface. NE then provided a report with recommendations based on the soil conditions encountered.

Nutting Engineers of Florida

PROPOSED ROADWAY IMPROVEMENTS, WHITEHEAD, DUVAL & FRONT STREETS, KEY WEST, FL

Client Name: City of Key West and Monroe County

Client Contact: Sean McCoy, PE, Project Manager
(Jacobs Engineering)
305-432-1397 / sean.mccoy@jacobs.com

Nutting Engineers of Florida, Inc. (Nutting) was retained by Jacobs Engineering to perform a limited roadway evaluation for the prosed roadway improvements of various City and County owned roads.

Nutting performed twenty-six (26), 6-inch diameter pavement cores within the referenced roadways to depths of 24 inches. Identification of the base course material and subgrade thickness was attempted at the core locations. The pavement core locations were established in the field using a hand-held GPS unit; and were established based on locations selected by the undersigned engineer during a site visit prior to initiation of the field exploration. In addition, Nutting performed bulk sampling of the base course material at four locations selected by Jacobs Engineering. The samples were returned to our laboratory for Limerock Bearing Ratio (LBR) Testing.

The testing was performed in accordance with FM 5-515. The LBR results were utilized to estimate Resilient Modulus (MR) of the materials.

TAB 8. REPRESENTATIVE ENGINEERING EXPERIENCE AND CLIENT REFERENCES

TAB 8. REPRESENTATIVE ENGINEERING EXPERIENCE AND CLIENT REFERENCES

CUTLER BAY GENERAL ENGINEERING SERVICES

Stantec was selected to provide general civil engineering, transportation planning and engineering, landscape architecture, and stormwater master planning services. Under this contract we completed various assignments including Old Cutler Road Improvements, Caribbean Boulevard Improvements, Multi-Year Paving Program, Townwide Bus Shelters, and Manta Drive Improvements among others. Projects were successfully and efficiently completed for the Town and included awards for Old Cutler Road, Caribbean Boulevard, and Manta Drive. We have been providing services to the Village for the last six years.

Town of Cutler Bay | Alfredo Quintero | 305-234-4262 | aquintero@cutlerbay-fl.gov

PALMETTO BAY PROFESSIONAL CONSULTING SERVICES

Stantec was selected to provide structural engineering, architecture, and general civil engineering services. Under this contract we completed various assignments including Phase V Drainage Improvements, Asphalt Resurfacing Inspections, Improvements at Coral Reef Park, and the current on-going work for the Thalatta Park Pier. Projects were successfully and efficiently completed for the Village. We have been providing services to the Village for the last seven years.

Village of Palmetto Bay | Dionisio Torres | 305-969-5011 | dtorres@palmettobay-fl.gov

PINECREST GENERAL ENGINEERING CONSULTING SERVICES

Stantec has been providing a wide variety of services to the Village since 2004. Services included planning & general civil engineering, pavement & drainage assessment & design, MEP & HVAC assessments, construction management and administration, and structural analysis and design services. Under this contract we completed various assignments including Kendall Drive Improvements CEI, Multi-Year Paving Program, and SW 82nd Avenue Conceptual Study, among others. Projects were successfully and efficiently completed for the Village.

Village of Pinecrest | Yocelyn Galiano, Village Manager | 305-669-6919 | ygaliano@pinecrest-fl.gov

INDIAN CREEK ROADWAY REDEVELOPMENT PLAN PROFESSIONAL ENGINEERING SERVICES

Stantec, was selected by the Village of Indian Creek as Prime consultant, to redevelop 8,500 linear ft. of roadway on Indian Creek Island. The road improvement project includes the implementation of resiliency measures to protect against future sea-level rise. In addition to the roadway, Stantec designed a new walking trail and scenic improvements, including lighting that spans the length of the road. Landscape architecture elements will complement the existing environment while preserving the unique frontage of the local residential properties. The project also includes connecting the village to a public central sewer to replace the island's septic tanks. The addition of sanitary sewer lines will reduce the environmental impact of wastewater and better protect residential property against sea-level rise. We have been supporting the Village's mission for over 15 years.

Village of Indian Creek | Guillermo Olmedillo, Village Manager | 305-865-4121 | golmedillo@icvps.org

MIAMI BEACH GENERAL ARCHITECTURAL AND CIVIL ENGINEERING SERVICES

Stantec was selected to provide General Architecture and Civil Engineering Services. Under this contract we completed various assignments including New Signal at West 42nd Street, Crosswalk at Ocean and 12th Street, New Signal at Alton and 4th Street, and Biscayne Neighborhood Parking Improvements, Brittany Bay Park Seawall Improvements, and Venetian Islands Seawall Improvements among others.

City of Miami Beach | David Martinez, PE, Capital Improvements Director | 305-673-7073 | davidmartinez@miamibeachfl.gov

CITY OF KEY WEST GENERAL ENGINEERING SERVICES

Stantec has been supporting the City of Key West mission for over ten years. We have worked under General or Continuing Service contracts throughout the City of Key West. Project assignments completed under this contract include Sailfish Pier Replacement, Dolphin Pier Replacement, 20th Street Improvements, Kingfish Pier, and Trumbo Road Floating Dock.

City of Key West | Karen Olson, Deputy Director Port and Marine Services | 305-809-3803 | kolson@cityofkeywest-fl.gov

Kelly M. Crowe, City Engineer | 305-809-3967 | kcrowe@cityofkeywest-fl.gov

TAB 9.
SWORN STATEMENTS & AFFIDAVITS AND LICENSES & CERTIFICATIONS

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA

SS:

COUNTY OF MONROE

I the undersigned hereby duly sworn, depose and say that no portion of the sum herein response will be paid to any employee of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

BY: Ramon Castella, PE, ENV SP, LEED AP

sworn and prescribed before me this 29th day of Nov., 2022

NOTARY PUBLIC, State of Florida

My commission expires: November 27, 2023

GRACE MORALES
Notary Public - State of Florida
Commission # GG 918389
My Comm. Expires Nov 27, 2023
Bonded through National Notary Assn.

NON-COLLUSION AFFIDAVIT

STATE OF FLORIDA)
: SS
COUNTY OF MONROE)

I, the undersigned hereby declares that the only persons or parties interested in this Proposal are thos named herein, that this Proposal is, in all respects, fair and without fraud, that it is made withou collusion with any official of the Owner, and that the Proposal is made without any connection o collusion with any person submitting another Proposal on this Contract.

By: _____
Ramon Castella, PE, ENV SP, LEED AP

Sworn and subscribed before me this

29th day of November, 2022.

_____
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: November 27, 2023

GRACE MORALES
Notary Public - State of Florida
Commission # GG 918389
My Comm. Expires Nov 27, 2023
Bonded through National Notary Assn.

SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS,

1. This sworn statement is submitted for Ramon Castella, PE, ENV SP, LEED AP, Vice President
(print individual's name and title)

by Stantec Consulting Services Inc.

(print name of entity submitting sworn statement)

whose business address is 901 Ponce de Leon Boulevard, Coral Gables, Florida 33134

and (if applicable) its Federal Employer Identification Number (FEIN) is

11-2167170

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement): _____

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "conviction" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 01, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

   a. A predecessor or successor of a person convicted of a public entity crime: or

   b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime.

The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members and agent who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment of income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statute means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

____X____Neither the entity submitting this sworn statement, or any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July, 1989.

_____The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 01, 1989.

_____The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 01, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order.

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH ONE (1) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR THE CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

_____

(SIGNATURE)

November 29, 2022
(DATE)

STATE OF Florida

COUNTY OF Miami-Dade

PERSONALLY APPEARED BEFORE ME, the undersigned authority
Ramon Castella who, after first being sworn by me,
(name of individual)
affixed his/her signature in the space provided above on this
29th day of Nov., 2022

_____NOTARY PUBLIC

My commission expires: November 27, 2023

GRACE MORALES
Notary Public - State of Florida
Commission # GG 918389
My Comm. Expires Nov 27, 2023
Bonded through National Notary Assn.

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF Florida)

: SS

COUNTY OF Miami-Dade)

I, the undersigned hereby duly sworn, depose and say that the firm of _____

Stantec Consulting Services Inc.

provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses, per City of Key West Code of Ordinances Sec. 2-799.

By: Ramon Castella, PE, Vice President _____

Sworn and subscribed before me this 29th day of November 20 22.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: November 27, 2023

GRACE MORALES
Notary Public - State of Florida
Commission # GG 918389
My Comm. Expires Nov 27, 2023
Bonded through National Notary Assn.

CONE OF SILENCE AFFIDAVIT

Pursuant to City of Key West Code of Ordinances Section 2-773 (attached below)

STATE OF Florida)
: SS
COUNTY OF Miami-Dade)

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of Stantec Consulting Services Inc. have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached). Sworn and subscribed before me this

29th day of November, 2022.

Ramon Castella, PE, Vice President

NOTARY PUBLLIC, State of Florida at Large

My Commission Expires: November 27, 2023

GRACE MORALES
Notary Public - State of Florida
Commission # GG 918389
My Comm. Expires Nov 27, 2023
Bonded through National Notary Assn.

Sec. 2-773. Cone of Silence.

(a) *Definitions.* For purposes of this section, reference to one gender shall include the other, use of the plural shall include the singular, and use of the singular shall include the plural. The following definitions apply unless the context in which the word or phrase is used requires a different definition:

(1) *Competitive solicitation* means a formal process by the City of Key West relating to the acquisition of goods or services, which process is intended to provide an equal and open opportunity to qualified persons and entities to be selected to provide the goods or services. Completive solicitation shall include request for proposals ("RFP"), request for qualifications ("RFQ"), request for letters of interest ("RFLI"), invitation to bid ("ITB") or any other advertised solicitation.

(2) *Cone of silence* means a period of time during which there is a prohibition on communication regarding a particular competitive solicitation.

(3) *Evaluation or selection committee* means a group of persons appointed or designated by the city to evaluate, rank, select, or make a recommendation regarding a vendor or the vendor's response to the competitive solicitation. A member of such a committee shall be deemed a city official for the purposes of subsection (c) below.

(4) *Vendor* means a person or entity that has entered into or that desires to enter into a contract with the City of Key West or that seeks an award from the city to provide goods, perform a service, render an opinion or advice, or make a recommendation related to a competitive solicitation for compensation or other consideration.

(5) *Vendor's representative* means an owner, individual, employee, partner, officer, or member of the board of directors of a vendor, or a engineer, lobbyist, or actual or potential subcontractor or sub-consultant who acts at the behest of a vendor in communicating regarding a competitive solicitation.

(b) *Prohibited communications.* A cone of silence shall be in effect during the course of a competitive solicitation and prohibit:

(1) Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and the city's administrative staff including, but not limited to, the city manager and his or her staff;

(2) Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and the mayor, city commissioners, or their respective staff;

(3) Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and any member of a city evaluation and/or selection committee therefore; and

(4) Any communication regarding a particular competitive solicitation between the mayor, city commissioners, or their respective staff, and a member of a city evaluation and/or selection committee therefore.

(c) *Permitted communications.* Notwithstanding the foregoing, nothing contained herein shall prohibit:

(1) Communication between members of the public who are not vendors or a vendor's representative and any city employee, official or member of the city commission;

(2) Communications in writing at any time with any city employee, official or member of the city commission, unless specifically prohibited by the applicable competitive solicitation.

(A) However, any written communication must be filed with the city clerk. Any city employee, official or member of the city commission receiving or making any written communication must immediately file it with the city clerk.

(B) The city clerk shall include all written communication as part of the agenda item when publishing information related to a particular competitive solicitation;

(3) Oral communications at duly noticed pre-bid conferences;

(4) Oral presentations before publicly noticed evaluation and/or selection committees;

(5) Contract discussions during any duly noticed public meeting;

(6) Public presentations made to the city commission or advisory body thereof during any duly noticed public meeting;

(7) Contract negotiations with city staff following the award of a competitive solicitation by the city commission; or

(8) Purchases exempt from the competitive process pursuant to section 2-797 of these Code of Ordinances;

(d) *Procedure.*

(1) The cone of silence shall be imposed upon each competitive solicitation at the time of public notice of such solicitation as provided by section 2-826 of this Code. Public notice of the cone of silence shall be included in the notice of the competitive solicitation. The city manager shall issue a written notice of the release of each competitive solicitation to the affected departments, with a copy thereof to each commission member, and shall include in any public solicitation for goods and services a statement disclosing the requirements of this ordinance.

(2) The cone of silence shall terminate at the time the city commission or other authorized body makes final award or gives final approval of a contract, rejects all bids or responses to the competitive solicitation or takes other action which ends the competitive solicitation.

(3) Any city employee, official or member of the city commission that is approached concerning a competitive solicitation while the cone of silence is in effect shall notify such individual of the prohibitions contained in this section. While the cone of silence is in effect, any city employee, official or member of the city commission who is the recipient of any oral communication by a potential vendor or vendor's representative in violation of this section shall create a written record of the event. The record shall indicate the date of such communication, the persons with whom such communication occurred, and a general summation of the communication.

(e) *Violations/penalties and procedures.*

(1) A sworn complaint alleging a violation of this ordinance may be filed with the city attorney's office. In each such instance, an initial investigation shall be performed to determine the existence of a violation. If a violation is found to exist, the penalties and process shall be as provided in section 1-15 of this Code.

(2) In addition to the penalties described herein and otherwise provided by law, a violation of this ordinance shall render the competitive solicitation void at the discretion of the city commission.

(3) Any person who violates a provision of this section shall be prohibited from serving on a City of Key West advisory board, evaluation and/or selection committee.

(4) In addition to any other penalty provided by law, violation of any provision of this ordinance by a City of Key West employee shall subject said employee to disciplinary action up to and including dismissal.

(5) If a vendor is determined to have violated the provisions of this section on two more occasions it shall constitute evidence under City Code section 2-834 that the vendor is not properly qualified to carry out the obligations or to complete the work contemplated by any new competitive solicitation. The city's purchasing agent shall also commence any available debarment from city work proceeding that may be available upon a finding of two or more violations by a vendor of this section. *(Ord. No. 13-11, § 1, 6-18-2013)*

CITY OF KEY WEST INDEMNIFICATION FORM

PROPOSER agrees to protect, defend, indemnify, save and hold harmless The City of Key West, all its Departments, Agencies, Boards, Commissions, officers, City's Engineer, agents, servants and employees, including volunteers, from and against any and all claims, debts, demands, expense and liability arising out of injury or death to any person or the damage, loss of destruction of any property which may occur or in any way grow out of any act or omission of the PROPOSER, its agents, servants, and employees, or any and all costs, expense and/or attorney fees incurred by the City as a result of any claim, demands, and/or causes of action except of those claims, demands, and/or causes of action arising out of the negligence of The City of Key West, all its Departments, Agencies, Boards, Commissions, officers, agents, servants and employees. The PROPOSER agrees to investigate, handle, respond to, provide defense for and defend any such claims, demand, or suit at its sole expense and agrees to bear all other costs and expenses related thereto, even if it (claims, etc.) is groundless, false or fraudulent. The City of Key West does not waive any of its sovereign immunity rights, including but not limited to, those expressed in Section 768.28, Florida Statutes.

These indemnifications shall survive the term of this agreement. In the event that any action or proceeding is brought against the City of Key West by reason of such claim or demand, PROPOSER shall, upon written notice from the City of Key West, resist and defend such action or proceeding by counsel satisfactory to the City of Key West.

The indemnification provided above shall obligate PROPOSER to defend at its own expense to and through appellate, supplemental or bankruptcy proceeding, or to provide for such defense, at the City of Key West's option, any and all claims of liability and all suits and actions of every name and description covered above which may be brought against the City of Key West whether performed by PROPOSER, or persons employed or utilized by PROPOSER.

The PROPOSER's obligation under this provision shall not be limited in any way by the agreed upon Contract Price as shown in this agreement, or the PROPOSER's limit of or lack of sufficient insurance protection.

COMPANY SEAL

STANTEC CONSULTING SERVICES INC. Corporate Seal

PROPOSER: Stantec Consulting Services Inc.

Address: 901 Ponce de Leon Boulevard, Suite 900, Coral Gables, Florida 33134

Signature

Ramon Castella, PE, ENV SP, LEED AP
Print Name

November 29, 2022
Date

Vice President
Title

NOTARY FOR THE PROPOSER

STATE OF Florida

COUNTY OF Miami-Dade

The foregoing instrument was acknowledged before me this 29th day of Nov., 2022. By__, of Ramon Castella, PE (Name of officer or agent, title of officer or agent) Name of corporation acknowledging) By: Ramon Castella, PE, Vice President of Stantec Consulting Services Inc.

or has produced_____as identification.

Signature of Notary

GRACE MORALES
Notary Public - State of Florida
Commission # GG 918389
My Comm. Expires Nov 27, 2023
Bonded through National Notary Assn.

Grace Morales

Return Completed form with Print, Type or Stamp Name of Notary

Supporting documents to: City of Key West Purchasing

Title or Rank

Addenda

THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

ADDENDUM NO. 1

Engineering Services RFQ 2022

This addendum is issued as supplemental information to the Request for Qualifications package for clarification of certain matters of both a general and a technical nature. The referenced Request for Qualifications package is hereby amended in accordance with the following items:

1) Question: Are sub-consultants only to be shown as supplemental staff to the prime or are we to include only in-house staff? There is some confusion per "A.3 Ability to provide required services with in-house staff."
   Response: Both in-house staff and sub-consultants should be listed. A.3 highlights that the ability for in-house staff to provide services will be part of the selection criteria, so in-house capabilities are of value.

2) Question: Does the City plan to provide an extension due to the Thanksgiving holiday?
   Response: The original deadline was 11/23 and has already been extended for the holiday to 11/30.

3) Question: Will the City include covers, tabs, and table of contents in the 40-page max?
   Response: The items listed will not be included in the 40-page limit.

4) Question: Can a firm serve as both sub and prime?
   Response: To avoid any conflicts of interest, the City will not accept proposals where consultants considered the prime are listed as sub-consultants on other proposals.

5) Can the City please confirm the deadline for clarification; the RFP stats Oct. 21, 2022.
   Response: The deadline for clarification is November 21, 2022.

Prior to final award, proposers shall acknowledge receipt and acceptance of all Addendums. Proposals submitted without acknowledgement may be considered non-responsive.

Ramon Castella, PE, ENV SP, LEED AP

Signature

November 29, 2022

Name of Business

Page 1 of 1

THE CITY OF KEY WEST
Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

ADDENDUM NO. 2

Engineering Services RFQ 2022

This addendum is issued as supplemental information to the Request for Qualifications package for clarification of certain matters of both a general and a technical nature. The referenced Request for Qualifications package is hereby amended in accordance with the following items:

1) **Question:** Can the City confirm if staff resumes are included in the 40 single-page limit?
Response: Pages used for organizational and formatting purposes, like cover sheets, table of contents, section headers, etc. and required forms like sworn statements and affidavits are not included in the page limit. Content to be considered for ranking, such as company and staff information and background, resumes, past projects, references, etc. are to be included in the page limit.

2) **Question:** Can 11"x17" pages be used? If so, how many 11"x17" pages will count towards the 40 single-page limit?
Response: The proposal should consist of standard 8.5"x11" pages. Pages can be displayed in landscape orientation if desired.

3) **Question:** Due to the page limit on the proposal, will the City consider resumes for personnel identified on the Organization Chart be excluded from the page count in the proposal?
Response: All resumes will be included in the page count.

4) **Question:** Do resumes have to be provided for everyone identified on the Organization Chart or only key personnel?
Response: Resumes are not required for all personnel.

5) **Question:** There are several office closures in place for staff to prepare for Tropical Storm Nicole. Would the City consider moving the submission date another week to have sufficient time to put proposals together?
Response: The proposal due date has been changed to 12/7/2022 at 3PM.

Prior to final award, proposers shall acknowledge receipt and acceptance of all Addendums. Proposals submitted without acknowledgement may be considered non-responsive.

Ramon Castella, PE, ENV SP, LEED AP
Signature

November 29, 2022
Name of Business

Page 1 of 1

Licenses and Certifications - Stantec

State of Florida
Department of State

I certify from the records of this office that STANTEC CONSULTING SERVICES INC. is a New York corporation authorized to transact business in the State of Florida, qualified on November 14, 2001.

The document number of this corporation is F01000005948.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on April 29, 2022, 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 Fifth day of May, 2022

Secretary of State

Tracking Number: 3959289683CU

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

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

Stantec -
State of Florida Certificate of Corporation

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dbpr Florida Department of Business & Professional Regulation

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LICENSEE DETAILS

6:47:06 PM 10/20/2022

Licensee Information

Name:	STANTEC CONSULTING SERVICES INC. (Primary Name)
Main Address:	370 INTERLOCKEN BLVD. SUITE 200 BROOMFIELD Colorado 80021
License Mailing:	370 INTERLOCKEN BLVD. SUITE 200 BROOMFIELD CO 80021

License Information

License Type:	Registry
Rank:	Registry
License Number:	27013
Status:	Current
Licensure Date:	05/30/2006
Expires:	

Stantec -
State of Florida Professional Engineering License

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LICENSEE DETAILS

7:04:11 PM 10/20/2022

This is a business tracking record only.
Click here for information on how to verify that this business is properly licensed.

Licensee Information

Name:	STANTEC CONSULTING SERVICES INC (Primary Name)
Main Address:	370 INTERLOCKEN BLVD SUITE 200 BROOMFIELD Colorado 80021
County:	OUT OF STATE
License Mailing:	370 INTERLOCKEN BLVD. SUITE 300 BROOMFIELD CO 80021

License Information

License Type:	Landscape Architecture Business Information
Rank:	Business Info
License Number:	
Status:	Current
Licensure Date:	04/09/2013
Expires:	

Stantec -
State of Florida
Professional Landscape Architecture License

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LICENSEE DETAILS

6:51:39 PM 10/20/2022

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Licensee Information

Name:	STANTEC CONSULTING SERVICES INC (Primary Name)
Main Address:	ONE BISCAYNE TOWER SUITE 1670 2 SOUTH BISCAYNE BLVD MIAMI Florida 33134
County:	DADE

License Information

License Type:	Architect Business Information
Rank:	Business Info
License Number:	
Status:	Current
Licensure Date:	02/26/2013
Expires:	

← Stantec -
Professional Architectural License

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LICENSEE DETAILS

6:52:48 PM 10/20/2022

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Licensee Information

Name:	STANTEC CONSULTING SERVICES INC. (Primary Name)
Main Address:	370 INTERLOCKEN BLVD SUITE 300 BROOMFIELD Colorado 80021
County:	OUT OF STATE
License Location:	1060 ANDREW DRIVE SUITE 140 WEST CHESTER PA 19380

License Information

License Type:	Geology Business Information
Rank:	Business Info
License Number:	
Status:	Current
Licensure Date:	01/17/2012
Expires:	

← Stantec -
Professional Geology License

Ron DeSantis, Governor

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COMPEL, SEAN P.
4129 HARDIE AVENUE
COCONUT GROVE FL 33133

LICENSE NUMBER: PE66618
EXPIRATION DATE: FEBRUARY 28, 2023
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← Sean Comple, PE
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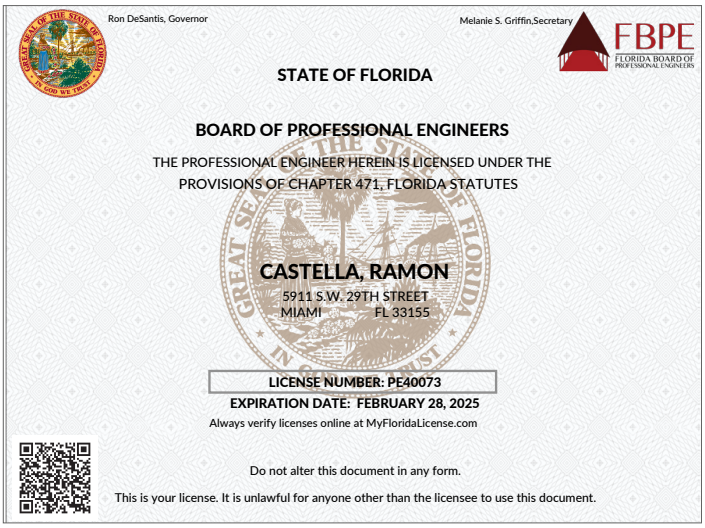

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Melanie S. Griffin,Secretary

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CASTELLA, RAMON

5911 S.W. 29TH STREET
MIAMI FL 33155

LICENSE NUMBER: PE40073
EXPIRATION DATE: FEBRUARY 28, 2025

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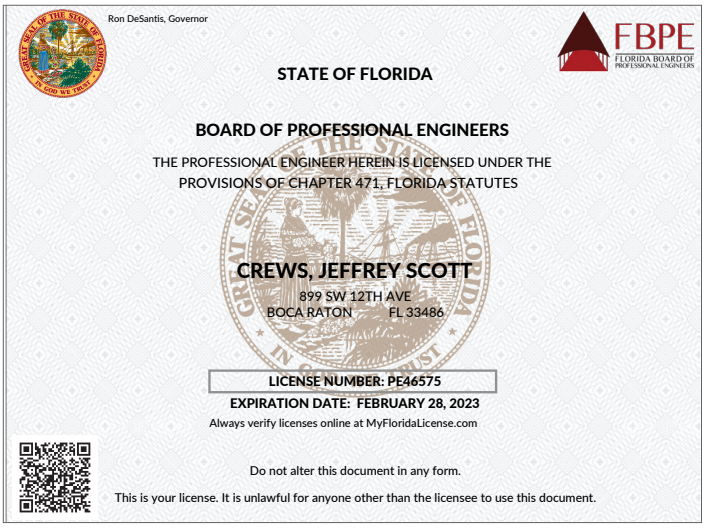
State of Florida Professional Engineer License



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CREWS, JEFFREY SCOTT

899 SW 12TH AVE
BOCA RATON FL 33486

LICENSE NUMBER: PE46575
EXPIRATION DATE: FEBRUARY 28, 2023

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←Jeffrey Crews, PE
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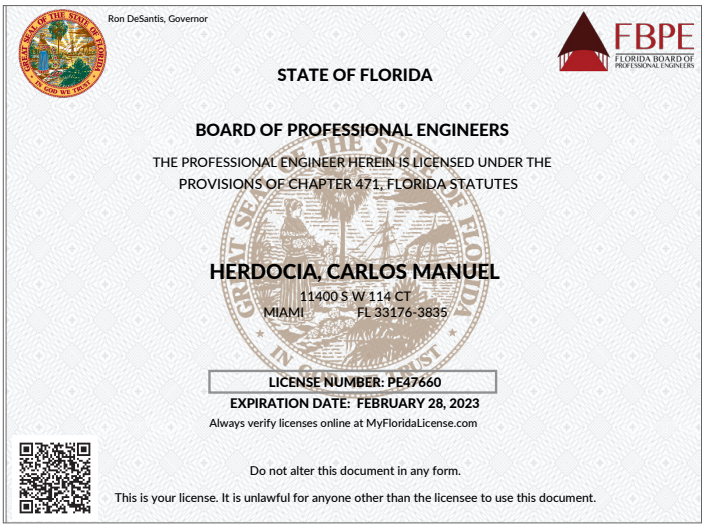

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HERDOCIA, CARLOS MANUEL

11400 S W 114 CT
MIAMI FL 33176-3835

LICENSE NUMBER: PE47660
EXPIRATION DATE: FEBRUARY 28, 2023

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RESTREPO, JUAN MANUEL

6310 SW 65 AVENUE
MIAMI FL 33143

LICENSE NUMBER: PE61821
EXPIRATION DATE: FEBRUARY 28, 2023

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BENITEZ, CHRISTOPHER

18530 SW 97TH PLACE
CUTLER BAY FL 33157

LICENSE NUMBER: PE74035
EXPIRATION DATE: FEBRUARY 28, 2023

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LICENSEE DETAILS

6:20:47 PM 12/1/2022

Licensee Information

Name:	BERGERON, ANANDA MARIE (Primary Name)
Main Address:	736 69TH AVE. S. SAINT PETERSBURG Florida 33705
County:	PINELLAS
License Mailing:	380 PARK PLACE BLVD. STE. 300 CLEARWATTER FL 33759
County:	PINELLAS

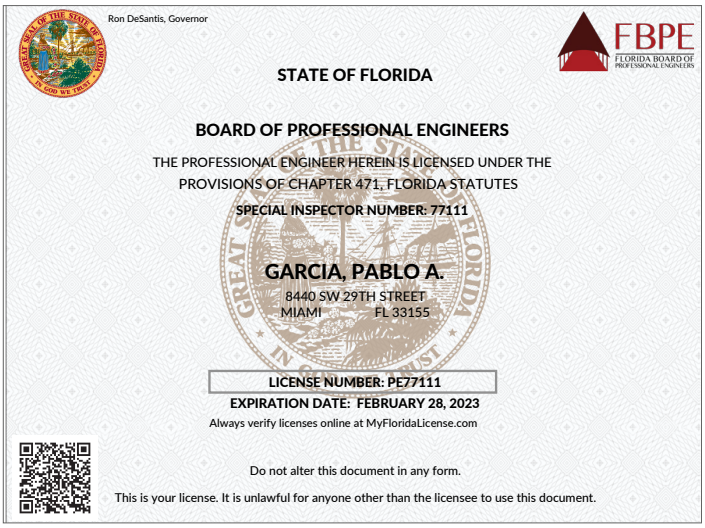
License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	65632
Status:	Current,Active
Licensure Date:	01/18/2007
Expires:	02/28/2023

Special Qualifications	Qualification Effective
Civil	08/09/2006

← Ananda Bergeron, PE
State of Florida Professional Engineer License

Licenses and Certifications - Stantec



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SPECIAL INSPECTOR NUMBER: 77111

GARCIA, PABLO A.

8440 SW 29TH STREET
MIAMI FL 33155

LICENSE NUMBER: PE77111

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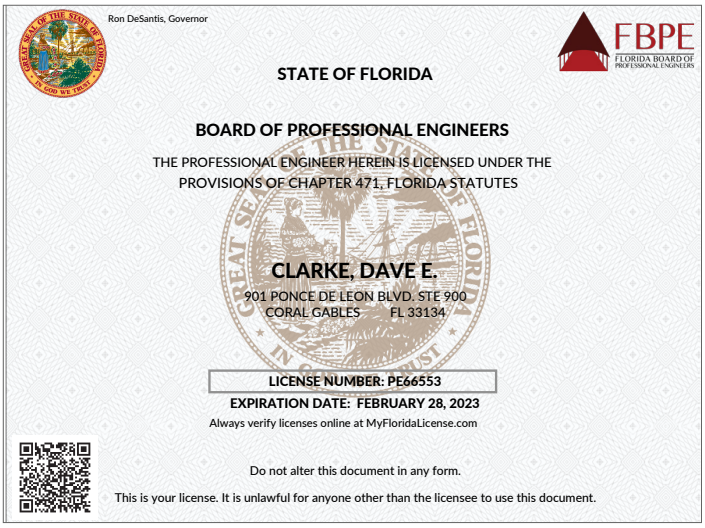

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CLARKE, DAVE E.

901 PONCE DE LEON BLVD. STE 900
CORAL GABLES FL 33134

LICENSE NUMBER: PE66553

EXPIRATION DATE: FEBRUARY 28, 2023

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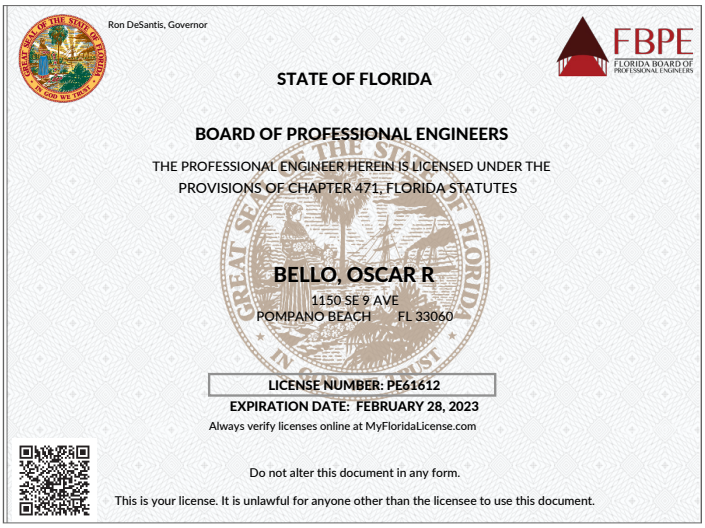

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BELLO, OSCAR R

1150 SE 9 AVE
POMPANO BEACH FL 33060

LICENSE NUMBER: PE61612

EXPIRATION DATE: FEBRUARY 28, 2023

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MEDINA, MARLON JESSIT

901 PONCE DE LEON BLVD.
SUITE 900
CORAL GABLES FL 33134

LICENSE NUMBER: PE77052
EXPIRATION DATE: FEBRUARY 28, 2023

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AYALA-LUGO, JEOVANNI

17411 NEW CROSS CIR.
LITHIA FL 33547

LICENSE NUMBER: PE72421
EXPIRATION DATE: FEBRUARY 28, 2023

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LICENSEE DETAILS *6:34:57 PM 12/1/2022*

Licensee Information

Name:	GRIFFIN, TERRY WALTON (Primary Name)
Main Address:	3426 VALLEY RANCH DR LUTZ Florida 33548
County:	HILLSBOROUGH
License Mailing:	3426 VALLEY RANCH DRIVE LUTZ FL 33548
County:	HILLSBOROUGH

License Information

License Type:	Professional Geologist
Rank:	PG
License Number:	PG135
Status:	Current,Active
Licensure Date:	07/27/1988
Expires:	07/31/2024

Special Qualifications	Qualification Effective

←Terry Griffin, PG
State of Florida Professional Geologist License

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SPECIAL INSPECTOR NUMBER: 0950

GLUNT, TERRANCE NEAL

1456 SE 6TH STREET
DEERFIELD BCH FL 33441

LICENSE NUMBER: PE40130

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←Tery Glunt, PE
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LICENSEE DETAILS

6:40:02 PM 12/1/2022

Licensee Information

Name:	STARR, MATTHEW SCOTT (Primary Name)
Main Address:	1335 46TH AVE NE SAINT PETERSBURG Florida 33703
County:	PINELLAS

License Information

License Type:	Professional Geologist
Rank:	PG
License Number:	PG2906
Status:	Current,Active
Licensure Date:	04/26/2016
Expires:	07/31/2024

Special Qualifications	Qualification Effective

←Matthew Starr, PG
State of Florida Professional Geologist License

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LICENSEE DETAILS

6:44:01 PM 12/1/2022

Licensee Information

Name:	REYES, ROMAN (Primary Name)
Main Address:	7101 SW 159TH PL MIAMI Florida 33193
County:	DADE

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	65678
Status:	Current,Active
Licensure Date:	01/18/2007
Expires:	02/28/2023

Special Qualifications	Qualification Effective
Mechanical	08/11/2006
Advanced Building Code Course Credit	11/20/2018
7th Edition, Florida Building Code	01/21/2021

←Roman Reyes, PE
State of Florida Professional Engineer License

Licenses and Certifications - Stantec

Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

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THE ARCHITECT HEREIN IS LICENSED UNDER THE
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FREIRE-SANTAMARIA, ELVIRA

47 SAN SEBASTIAN AVE
CORAL GABLES FL 33134

LICENSE NUMBER: AR95213
EXPIRATION DATE: FEBRUARY 28, 2023
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Ron DeSantis, Governor

Julie I. Brown, Secretary

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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

MANGAN, KEVIN G

STANTEC
5801 PELICAN BAY BOULEVARD
SUITE 300
NAPLES FL 34108-2709

LICENSE NUMBER: LA0001337
EXPIRATION DATE: NOVEMBER 30, 2023
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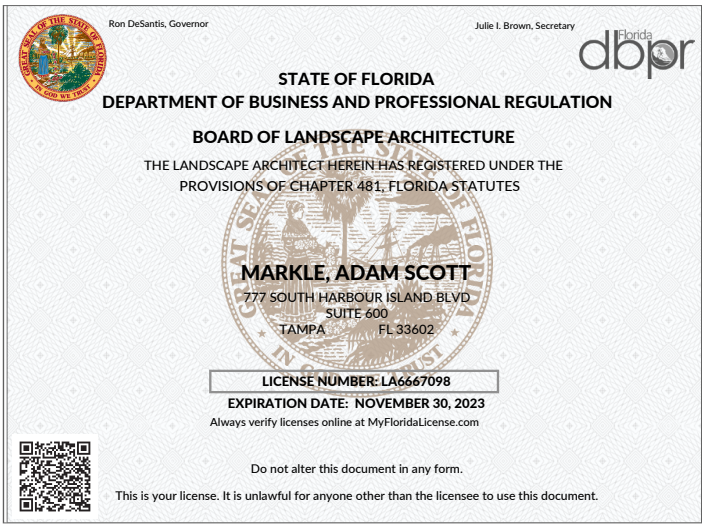

Ron DeSantis, Governor

Julie I. Brown, Secretary

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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

MARKLE, ADAM SCOTT

777 SOUTH HARBOUR ISLAND BLVD
SUITE 600
TAMPA FL 33602

LICENSE NUMBER: LA6667098
EXPIRATION DATE: NOVEMBER 30, 2023
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← Adam Makle, ASLA
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LICENSEE DETAILS

6:52:15 PM 12/1/2022

Licensee Information

Name:	SCHULTZ, GREGORY ALAN (Primary Name)
Main Address:	380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER Florida 33759
County:	PINELLAS

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	57586
Status:	Current,Active
Licensure Date:	07/19/2001
Expires:	02/28/2023

Special Qualifications	Qualification Effective

← Greg Schultz, PE
State of Florida Professional Engineer License

Ron DeSantis, Governor

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BUCHANAN, BRADLEY CHARLES

616 CLEARWATER PARK RD
UNIT 1206
WEST PALM BEACH FL 33401

LICENSE NUMBER: PE86225
EXPIRATION DATE: FEBRUARY 28, 2023
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BOLIVAR, JUAN C

21055 NE 37TH AVE.
APT. 2303
AVENTURA FL 33180

LICENSE NUMBER: PE73153
EXPIRATION DATE: FEBRUARY 28, 2023
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BATA, SHEHAB

6721 MONTEGO BAY BLVD
BOCA RATON FL 33433

LICENSE NUMBER: PE85007
EXPIRATION DATE: FEBRUARY 28, 2023

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LICENSEE DETAILS

6:59:11 PM 12/1/2022

Licensee Information

Name:	STUCKEY, WILLIAM C. (Primary Name)
Main Address:	2939 SW POND WAY PALM CITY Florida 34990
County:	MARTIN

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	60271
Status:	Current,Active
Licensure Date:	06/23/2003
Expires:	02/28/2023

Special Qualifications	Qualification Effective

←William Stuckey, PE
State of Florida Professional Engineer License

Licenses and Certifications - Stantec

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

December 1, 2022

Juan Restrepo, Senior Principal, Gulf Transportation Deputy Regional Business Leader
STANTEC CONSULTING SERVICES INC.
901 Ponce de Leon Boulevard, Suite 900
Coral Gables, Florida 33134

Dear Mr. Restrepo:

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

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design
3.2 - Major Highway Design
3.3 - Controlled Access Highway Design

Group 4 - Highway Design - Bridges

4.1.1 - Miscellaneous Structures
4.1.2 - Minor Bridge Design
4.2.1 - Major Bridge Design - Concrete
4.2.2 - Major Bridge Design - Steel
4.2.3 - Major Bridge Design - Segmental
4.3.1 - Complex Bridge Design - Concrete
4.3.2 - Complex Bridge Design - Steel

Group 5 - Bridge Inspection

5.1 - Conventional Bridge Inspection
5.3 - Complex Bridge Inspection
5.4 - Bridge Load Rating

Group 6 - Traffic Engineering and Operations Studies

6.1 - Traffic Engineering Studies
6.2 - Traffic Signal Timing
6.3.1 - Intelligent Transportation Systems Analysis and Design
6.3.2 - Intelligent Transportation Systems Implementation
6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
6.3.4 - Intelligent Transportation Systems Software Development

Group 7 - Traffic Operations Design

7.1 - Signing, Pavement Marking and Channelization
7.2 - Lighting
7.3 - Signalization

1

← Stantec - FDOT Prequalification Certification
↓

Group 8 - Survey and Mapping

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

Group 9 - Soil Exploration, Material Testing and Foundations

9.1 - Soil Exploration
9.4.1 - Standard Foundation Studies

Group 10 - Construction Engineering Inspection

10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials Inspection
10.4 - Minor Bridge & Miscellaneous Structures CEI

Group 11 - Engineering Contract Administration and Management

Group 13 - Planning

13.3 - Policy Planning
13.4 - Systems Planning
13.5 - Subarea/Corridor Planning
13.6 - Land Planning/Engineering
13.7 - Transportation Statistics

Group 14 - Architect

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
165.25%	121.67%	0.180%	Excluded	No	11.59%	6.39%*

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

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

2

Licenses and Certifications - Stantec

GBCI

GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Sean Compel

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

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

LEED AP

Chairman

May 15, 2009
Date Issued

Peter Templeton, President

Printed on 50% bamboo fibers / 50% post-consumer fibers with vegetable based inks.

← Sean Compel, PE, LEED AP
Green Building Certification Institute -
LEED Accredited Professional Certificate

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GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Ramon Castella

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

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

LEED AP

Chairman

May 15, 2009
Date Issued

Peter Templeton, President

Printed on 50% bamboo fibers / 50% post-consumer fibers with vegetable based inks.

← Ramon Castella, PE, LEED AP
Green Building Certification Institute -
LEED Accredited Professional Certificate

GBCI

GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Jeffrey Crews

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

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

LEED AP

Chairman

March 3, 2009
Date Issued

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← Jeffrey Crews, PE, LEED AP
Green Building Certification Institute -
LEED Accredited Professional Certificate

Licenses and Certifications - Stantec

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GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Carlos Herdocia

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCRADITED PROFESSIONAL

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

LEED AP

Chairman

May 15, 2009

Date Issued

Peter Templeton, President

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← Carlos Herdocia, PE, LEED AP
Green Building Certification Institute -
LEED Accredited Professional Certificate

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GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Terrance N. Glunt

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCRADITED PROFESSIONAL

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

LEED AP

Chairman

May 15, 2009

Date Issued

Peter Templeton, President

Printed on 50% bamboo fibers / 50% post-consumer fibers with vegetable based inks.

← Terrance Glunt, PE, LEED AP
Green Building Certification Institute -
LEED Accredited Professional Certificate

LEED AP BD+C

GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

Roman Reyes

HAS ATTAINED THE DESIGNATION OF

LEED AP® Building Design + Construction

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED® green building program.

10146591-AP-BD+C

CREDENTIAL ID

03 DEC 2009

ISSUED

30 NOV 2023

VALID THROUGH

MAHESH RAMANUJAM
PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.

← Roman Reyes, PE, LEED AP
Green Building Certification Institute -
LEED Accredited Professional Certificate

Licenses and Certifications - Stantec

GBCI

GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Elvira Santamaria

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCRDITED PROFESSIONAL

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

LEED AP

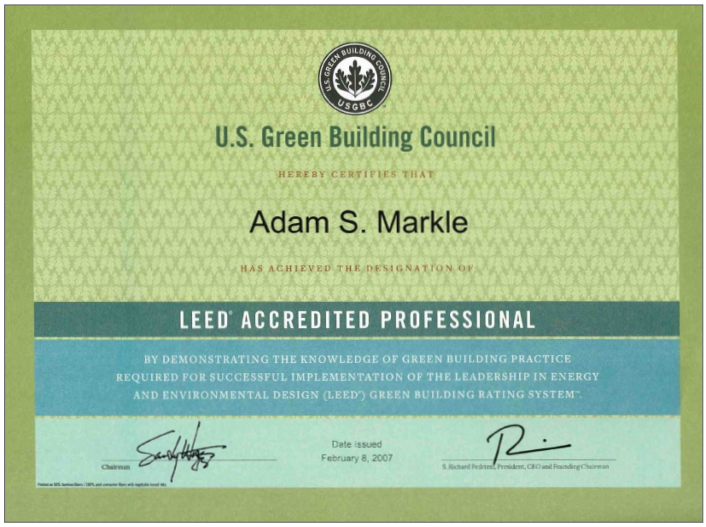
Chairman

15-Jun-09

Date Issued

Peter Templeton, President

← Elvira Freire, PE, LEED AP
Green Building Certification Institute -
LEED Accredited Professional Certificate


U.S. Green Building Council

HEREBY CERTIFIES THAT

Adam S. Markle

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

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

Chairman

Date issued
February 8, 2007

S. Richard Fedrizzi, President, CEO and Founding Chairman

← Adam Markle, ASLA, CLARB, LEED AP
Green Building Certification Institute -
LEED Accredited Professional Certificate

Licenses and Certifications - Stantec

GBCI

GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Juan Bolivar

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

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

Chairman

June 24, 2009
Date Issued

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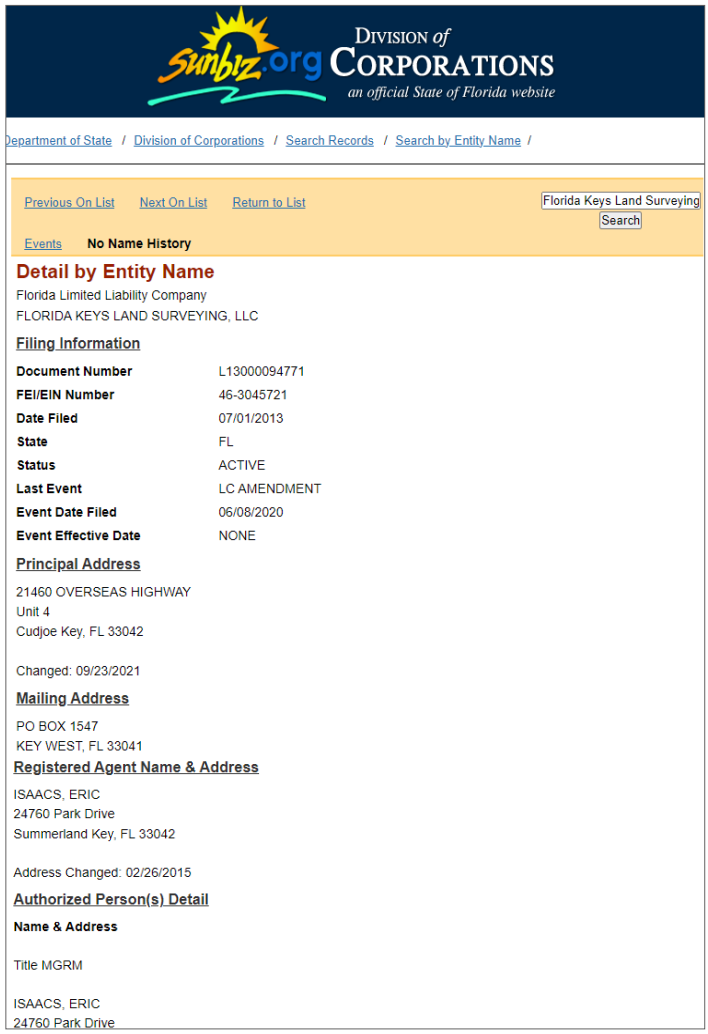
← Juan Bolivar, PE, LEED AP, PMP
Green Building Certification Institute -
LEED Accredited Professional Certificate

Licenses and Certifications - Florida Keys Land Surveying



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an official State of Florida website

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Events No Name History

Detail by Entity Name

Florida Limited Liability Company
FLORIDA KEYS LAND SURVEYING, LLC

Filing Information

Document Number	L13000094771
FEI/EIN Number	46-3045721
Date Filed	07/01/2013
State	FL
Status	ACTIVE
Last Event	LC AMENDMENT
Event Date Filed	06/08/2020
Event Effective Date	NONE

Principal Address

21460 OVERSEAS HIGHWAY
Unit 4
Cudjoe Key, FL 33042

Changed: 09/23/2021

Mailing Address

PO BOX 1547
KEY WEST, FL 33041

Registered Agent Name & Address

ISAACS, ERIC
24760 Park Drive
Summerland Key, FL 33042

Address Changed: 02/26/2015

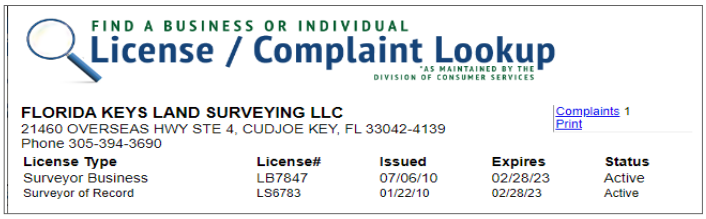
Authorized Person(s) Detail

Name & Address

Title MGRM

ISAACS, ERIC
24760 Park Drive

← Florida Keys Land Surveying -
State of Florida Certificate of Corporation



FIND A BUSINESS OR INDIVIDUAL
License / Complaint Lookup
*AS MAINTAINED BY THE DIVISION OF CONSUMER SERVICES

FLORIDA KEYS LAND SURVEYING LLC
21460 OVERSEAS HWY STE 4, CUDJOE KEY, FL 33042-4139
Phone 305-394-3690

Complaints 1
Print

License Type	License#	Issued	Expires	Status
Surveyor Business	LB7847	07/06/10	02/28/23	Active
Surveyor of Record	LS6783	01/22/10	02/28/23	Active

← Florida Keys Land Surveying, LLC
State of Florida Professional Surveyor and Mapper License

Licenses and Certifications - Florida Keys Surveying

FIND A BUSINESS OR INDIVIDUAL
License / Complaint Lookup
*AS MAINTAINED BY THE DIVISION OF CONSUMER SERVICES

ERIC ADLAI ISAACS
24760 PARK DR, SUMMERLAND KEY, FL 33042-4407

Complaints 1
Print

License Type	License#	Issued	Expires	Status
Surveyor and Mapper	LS6783	01/22/10	02/28/23	Active
Surveyor of Record For	LB7847	07/06/10	02/28/23	Active

← Eric Isaacs, PSM, PLS
Florida Keys Land Surveying, LLC
State of Florida Professional Surveyor and Mapper License

Licenses and Certifications - Terramar Environmental Services

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Department of State / Division of Corporations / Search Records / Search by Entity Name /

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No Events No Name History

Detail by Entity Name

Florida Profit Corporation
TERRAMAR ENVIRONMENTAL SERVICES, INC.

Filing Information

Document Number	P04000156563
FEI/EIN Number	20-1899329
Date Filed	11/17/2004
Effective Date	11/17/2004
State	FL
Status	ACTIVE

Principal Address

1241 CRANE BOULEVARD
SUMMERLAND KEY, FL 33042

Changed: 01/31/2013

Mailing Address

1241 CRANE BOULEVARD
SUMMERLAND KEY, FL 33042

Changed: 01/31/2013

Registered Agent Name & Address

GARCIA, ROWENA P
1241 CRANE BOULEVARD
SUMMERLAND KEY, FL 33042

Name Changed: 04/29/2008

Address Changed: 01/31/2013

Officer/Director Detail

Name & Address

Title P

GARCIA, ROWENA P
1241 CRANE BOULEVARD
SUMMERLAND KEY, FL 33042

Title VP

FRANK, PHILIP A
1241 CRANE BLVD.
SUMMERLAND, FL 33042

← Terramar Environmental Services, Inc.
State of Florida Certificate of Corporation

Licenses and Certifications - Nutting Engineers of Florida

State of Florida
Department of State

I certify from the records of this office that NUTTING ENGINEERS OF FLORIDA INC is a corporation organized under the laws of the State of Florida, filed on February 16, 1967.

The document number of this corporation is 313874.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on January 20, 2022, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twentieth day of January, 2022

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

Secretary of State

Tracking Number: 6952625433CC

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

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

←Nutting Engineers of Florida, Inc.
State of Florida Certificate of Corporation

Florida dbpr

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Licensee Details

Licensee Information

Name:	NUTTING ENGINEERS OF FLORIDA, INC. (Primary Name)
Main Address:	1310 NEPTUNE DRIVE BOYNTON BEACH Florida 334268498
County:	PALM BEACH
License Mailing:	
LicenseLocation:	

License Information

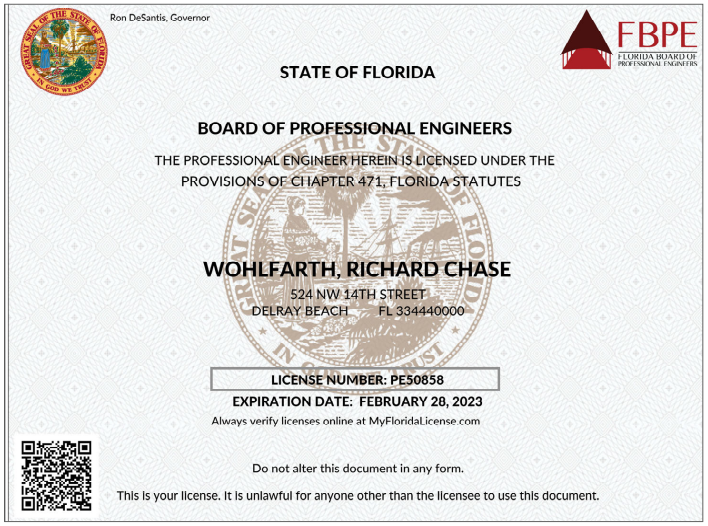
License Type:	Registry
Rank:	Registry
License Number:	606
Status:	Current
Licensure Date:	05/10/1977
Expires:	

Special Qualifications	Qualification Effective

Alternate Names

←Nutting Engineers of Florida, Inc.
State of Florida Professional Engineering License

Licenses and Certifications - Florida Keys Surveying



Ron DeSantis, Governor

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FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

WOHLFARTH, RICHARD CHASE
524 NW 14TH STREET
DELRAY BEACH FL 334440000

LICENSE NUMBER: PE50858
EXPIRATION DATE: FEBRUARY 28, 2023
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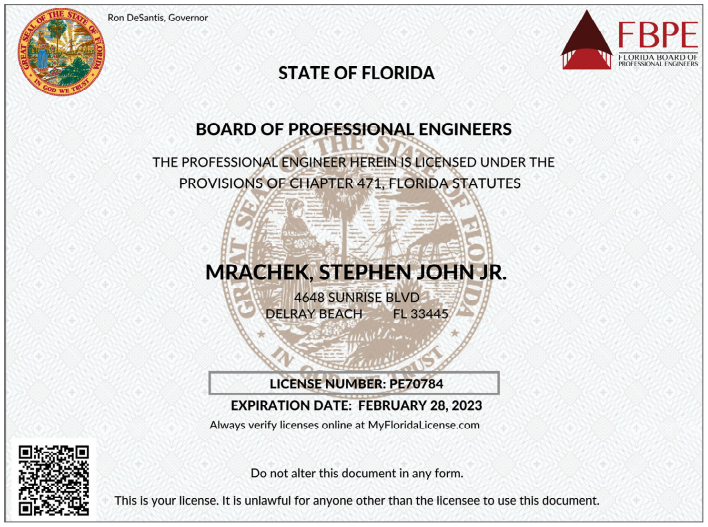
← Richard Wolfarth, PE
State of Florida Professional Engineer License



Ron DeSantis, Governor

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FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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MRACHEK, STEPHEN JOHN JR.
4648 SUNRISE BLVD
DELRAY BEACH FL 33445

LICENSE NUMBER: PE70784
EXPIRATION DATE: FEBRUARY 28, 2023
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