

City of Key West

# **Tab A Cover Page**

## **Environmental Engineering Services**

RFQ # 25-002





## Tab B Letter of Transmittal

April 10, 2025

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

### **RE: Environmental Engineering Services | Request for Qualifications (RFQ) 25-002**

Dear City Clerk,

Thank you for the opportunity to once again respond to the Environmental Engineering Services, RFQ 25-002. On January 27, 2022, Resource Environmental Solutions, LLC (RES) merged with E Sciences, Incorporated to provide an enhanced level of quality professional environmental consulting services as **RES Florida Consulting, LLC**. This entity is now a wholly-owned subsidiary of RES and all work will be conducted by trusted RES staff who have been providing services to the City of Key West for the past five years and who now bring to the City access to a wider knowledge base, specialized environmental expertise and technological support of RES, a national leader in environmental restoration and consulting services, without disruptions to your service.

RES' Florida Region staff includes professional engineers (PEs), professional geologists (PGs) and environmental scientists who provide a broad scope of services related to real estate due diligence such as Phase I and Phase II Environmental Site Assessments (ESAs) as well as Underground Storage Tank (UST) services, contaminated site assessment and remediation for both petroleum and non-petroleum sites, coastal engineering, environmental permitting and regulatory compliance. Additionally, we support projects related to the National Environmental Policy Act (NEPA), State and Federal Brownfields programs, petroleum storage tank management and compliance, coastal resilience planning and mangrove and seagrass restoration. We have put together a team of professionals to supplement our staff as well as assist us with the asbestos laboratory services, survey, waste hauling, storage tank removal and drilling services. Our wide range of expertise helps us blend the science and engineering of environmental consulting with planning, construction, public interests and funding. In this submittal you will see a well-rounded team of professionals who are not only experienced in the services requested but will provide a holistic and integrated approach to assisting the City achieve its goals.

Our clients in Florida include local and state governments, private developers and mining operators. The RES Florida Region employees a staff of over 80 professionals with offices located in Fort Lauderdale, Miami, Orlando, and DeLand with remote personnel located throughout the State. RES' environmental professionals deliver customized solutions tailored to our clients' needs. Our firm's internal resources include environmental, health, safety, and security (EHS&S) staff, Quality Assurance/Quality Control (QA/QC) oversight teams, as well as supporting project controls, government affairs, public relations, financial, legal and analytical staff.

RES Florida Consulting, LLC is the responding vendor. We have identified **Ms. Jen Savaro, MS, WEDG**, as the **Project Manager** for this contract. Ms. Savaro works remotely in Key Largo and provides support to all our Monroe County clients. Our **Authorized Representative** is **Mr. Justin Freedman, General Manager**. Mr. Freedman sits in our Fort Lauderdale office located at 312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316. Contact information for both Ms. Savaro and Mr. Freedman is provided in the signature lines below.

Sincerely,

A handwritten signature in blue ink that reads "Jen Savaro".

**Jen Savaro, MS, WEDG**

Senior Scientist / Project Manager  
jsavaro@res.us | 610.304.2165

A handwritten signature in blue ink that reads "Justin Freedman".

**Justin Freedman**

General Manager  
jfreedman@res.us | 954.484.8500



## Tab C Firm Background

RES currently holds over 20 active Continuing Services Contracts for environmental consulting and ecological services. To fulfill the requirements of Tab C, we have provided a chronological list of our relevant South Florida governmental client continuing services projects performed over the past five years. Key project examples and experience will be further discussed in Tab E: Experience, Qualifications, and References.

**Table 1. Listing of Governmental Continuing Services Contracts**

Contract Name	Contract Dates	Professional Services	Contact Information
Broward County Environmental Consultant Services	2003 – Ongoing	Ecological and Environmental Services	Ms. Cindy Corbett-Elder Assistant to the Director Broward County Transportation 3201 West Copans Road Pompano Beach, FL 33069 celder@broward.org   954.357.8451
Marathon Professional Engineering Services	2024 – Ongoing	Benthic   Ecological and Environmental   Water Quality Services	George Garrett, City Manager 9805 Overseas Highway Marathon, FL 33050 Garrettg@ci.marathon.fl.us   305.289.4130
City of Miami Miscellaneous Environmental Engineering Services	2017 – Ongoing	Environmental Engineering Services	Mr. Keith Ng, Project Manager City of Miami Capital Improvements and Transportation Program 444 SW 2nd Avenue, 8th Floor Miami, FL 33130 305.416.1298   keithng@miamigov.com
Pompano Beach and Community Redevelopment Agency (CRA) Continuing Services	2014 – Ongoing	Environmental Engineering Services	Mr. Horacio Danovich Pompano Beach CRA 100 West Atlantic Avenue, Room 276 Pompano Beach, FL 33060 954.786.7834   horacio.danovich@copbfl.com
Miami Beach Environmental Engineering Continuing Services (Reference client)	2011 – Ongoing	Environmental and Ecological Services	Ms. Samantha Tiffany Environmental Resources Manager 1700 Convention Center Drive, 3rd Floor Miami Beach, FL 33139 305.673.7000 Ext. 26032   SamanthaTiffany@miamibeachfl.gov
North Miami Beach General Environmental Engineering Service	2009 – Ongoing	Environmental and Ecological Services	Mr. Sam Zamacona, Public Works Director City of North Miami Beach 17050 NE 19th Avenue, Room 123 North Miami Beach, FL 33162 305.948.2932   Sam.Zamacona@citynmb.com
Fort Lauderdale General Environmental Engineering (Reference client)	2008 – Ongoing	Ecological and Environmental Services	Mr. Todd Hiteshew, Environmental Services Manager Fort Lauderdale Public Works Department 949 NW 38th Street Fort Lauderdale, Florida 33309 954.828.4357   thiteshew@fortlauderdale.gov
Islamorada, Village of Islands (Islamorada) General Engineering Services (Reference client)	2001 – Ongoing	Environmental Engineering Services	Mr. Peter Frezza Islamorada, 86800 Overseas Highway Islamorada, FL 33036 305.664.6467   peter.frezza@islamorada.fl.us





## Company Profiles



**RES** E Sciences was founded in 2000 and headquartered in Orlando as a diverse ecological, environmental, and engineering consulting firm with deep local knowledge of Florida's contamination, water quality, stormwater management, habitat preservation, and other ecosystem challenges. RES acquired E Sciences on January 27, 2022, and it now operates as a wholly owned subsidiary of RES with its premier scientists and engineers now incorporated into RES, a national operating company focused on restoring a resilient earth for a modern world.

RES operates today with the same skilled staff that has been serving counties, municipalities, and State agencies in Florida for over 24 years. However, RES brings new staff and skills to provide an enhanced level of quality professional environmental consulting services to clients, old and new. As the nation's largest nature-based solutions company, RES supports the public and private sectors with durable, resilient infrastructure for communities through providing solutions for environmental mitigation, stormwater and water quality, climate and flooding resilience and environmental regulatory expertise. From headwaters to coastal shores, RES designs, permits builds, and sustains sites that preserve the environmental balance, lifting impaired ecosystems into restored health and ultimately, self-sufficiency. These projects restore sensitive wetlands, prairies, and species habitats as well as floodplains, streams, river valleys, and coastal and tidal systems. The result is nature-based systems that cleanse water, shelter wildlife, buffer storms, and sequester carbon from the atmosphere.

Our driving fundamental philosophy is one of responsive consulting expertise that creates value for our clients. We believe it is imperative to provide our clients with the highest standard of quality and reliable services. We truly believe customer service is our top priority. Our firm's first agency client, the Florida Department of Transportation (FDOT), and our first municipal client, Islamorada, continue to be some of our most valued clients. Both clients have renewed our contracts for many years, and they are still active to this day. We can state with confidence that our clients recognize the superior consulting value we provide and validate this with repeated patronage. We maintain several environmental, engineering and ecological continuing services prime contracts for multiple counties, municipalities, and agencies.

Working with City staff is more than a job or a single project, it is a commitment to the community and a willingness to provide more than expected. We believe it is important to not only be an outstanding consultant, but to be a partner. As your partner, we are committed to keeping City staff informed on changing regulatory issues and how they may affect policy and the ability to manage this one-of-a-kind island community environment. The Florida Keys have a rare and fragile environment, as well as a rich and unique history, both of which require sustainable solutions through innovative planning and design. Our prime philosophy is one that promotes quality development through sustainable design. We recognize the importance of being stewards of the land to preserve these precious resources for future generations.

RES' Florida Region still operates as a specialized consultant dealing in all aspects of environmental engineering services. We understand that at times our clients may need other services than the ones we offer in house. In these cases, we extend ourselves as the prime consultant, bringing the necessary sub consulting services under our contract, giving our clients the same point of contact. Our team has the ability to respond quickly and cost effectively to projects of varying sizes. Between our local resources and our offices in Miami and Fort Lauderdale we are readily available and can respond quickly to any City request.

RES has never been sanctioned, fined or had any other legal or license-related action taken upon our firm. We have company and staff memberships in trade associations including American Wind Energy Association (AWEA); Association of Clean Water Administrators (ACWA); Association of State Wetland Managers (ASWM); Coastal Conservation League; Society of Petroleum Engineers (SPE); Society of Wetland Scientists (SWS); Florida Association of Mitigation Bankers; Florida Brownfields Association (FBA); Central Florida Association of Environmental Professionals (CFAEP); American Society of Civil Engineers (ASCE); International Society of Arboriculture (ISA); South Florida Association of Environmental Professionals (SFAEP); and Florida Stormwater Association (FSA).

We have assembled what we believe to be the best consultant team to provide the services requested in the RFQ. A strong advantage to our team is that we have worked together for many years because we truly utilize our local consultants, taking advantage of their institutional knowledge and keeping local dollars local. Our proven leadership and management capabilities allow us to direct team members that are in different geographic locales in a seamless and efficient manner. From the Overseas Heritage Trail to the City Hall project in Key West, our team members have had successful and positive experiences working in the Florida Keys.



**PEREZ ENGINEERING  
& DEVELOPMENT, INC.**

**Perez Engineering & Development, Inc. (Perez)** is a professional engineering consulting firm. They have provided professional services in the public, industrial, military, and private sectors for more than 20 years. Based in Key West, Florida, Perez's staff has a proven record in successfully managing and completing complex multi-disciplinary projects throughout the State of Florida and the Caribbean. Their staff of local experts have successfully served municipal and private sector clients throughout Key West and Monroe County with the implementation of civil engineering and utility engineering projects. Perez's engineering





design experience includes hydraulic and hydrologic computer modeling of storm water management systems; the design of potable and sanitary utility systems, pump stations, paving and grading design, and structural engineering.

They have successfully managed and completed various types of multi-disciplinary contracts including continuing services contracts for municipal and state government, federal government and private industry. Perez's performance on past and current contracts confirms our ability to meet both schedule and budget requirements with a strong emphasis on quality. **Perez has been one of the City's "General Engineering Consultants" for the past 15 years.** Perez has been involved in more than 100 projects within the City of Key West for which they were responsible for general civil engineering design, the design of new infrastructure, replacement of infrastructure or upgrades to infrastructure. Their professional experience is diversified and encompasses the design and preparation of construction documents, permitting, and construction services for a variety of projects. The following is a list of some of their current and previous municipal clients and contracts: City of Key West General Storm Water and Wastewater Engineer and Professional Engineering Consulting Services; Monroe County General Airport Consultant and Architectural/Engineering Services for Small Projects; Florida Keys Aqueduct Authority (FKAA) General Engineering Services (GEC); Monroe County Housing Authority GEC; Key West Housing Authority GEC; and Monroe County School Board GEC. Perez is located in Key West at 1010 Kennedy Drive, Suite 202. The location of their office and commitment of their staff ensure easy accessibility of key team members to the City of Key West. Perez's proximity and state-of-the-art technology guarantee ongoing communication...a key to success on continuing services contracts. They have experience with numerous federal, state, and local agencies, including the Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD), U.S. Army Corps of Engineers (USACE), U.S. Environmental Protection Agency (EPA), and FDOT. Perez is a State classified DBE firm.

**EBS ENGINEERING, INC.** **EBS Engineering, Inc. (EBS)** is one of the most reputable growing engineering firms in Florida. It was founded in Miami, Florida in 1994. EBS is certified with FDOT as a small, disadvantaged business enterprise (DBE), Miami-Dade County as local small business enterprise architect-engineer (SBE/AE), Broward County as county business enterprise (CBE) and Broward/ Miami-Dade Public Schools as small minority business enterprise (S/MBE). With highly qualified and experienced professional and support staff, EBS is a growing firm with a growing reputation for high quality work and excellent client service. Over the past 30 years, EBS has demonstrated its ability to provide innovative, cost effective and high-level quality engineering and construction services to a broad group of clientele. EBS' services are in the following general areas: General Civil/Roadway Design; Environmental Engineering - Contamination Assessment, Risk Assessment and Remediation; Industrial Hygiene Services; Drainage/ Stormwater Engineering; Water and Sewage Design Services; Infrastructure Improvements; Construction Management/Cost Estimating/Inspection Services; Program/Property Management. EBS measures success based on their clients' satisfaction. EBS has continued to earn repeat business from their growing clientele in the public and private sectors because of the quality of their services/ products and professionalism.

EBS' personnel are well qualified, trained with many years of experience in other reputable engineering firms prior to joining this firm. EBS' QA/QC program ensures that projects are cost effective, timely and meet strict professional performance standards. Their growth in recent years has been attributed to the trust and confidence that their clients have in their performance. EBS' major clients have included the following: Miami-Dade County Departments; FDOT; SFWMD; U.S. Naval Stations; U.S. Department of Housing and Urban Development (HUD); the cities of North Miami, Miami, Opa Locka, and Miami Gardens; and AT&T.

EBS has never been sanctioned, fined or had any legal or license-related action taken upon it. Some of EBS' staff are or have been members of the American Society of Mechanical Engineers; ASCE; Biscayne Bay Shoreline Development Review Committee; Miami-Dade County Unsafe Structures Board; African American Environmental Leadership Council; National Environmental Council (Florida Chapter); and African American Association of Architects and Engineers.



**moffatt & nichol** **Moffatt & Nichol, Inc. (M&N)** has a reputation for excellence in the field of coastal engineering, working on complex and challenging projects along the world's coastlines. With more than 75 years of coastal engineering experience, the firm has been a full-service corporation providing unique experience and expertise required for a wide range of engineering professional services.

M&N has been ranked #1 by Engineering News-Record for Marine and Port Facilities for the past three years. They offer clients a professional and experienced support staff of more than 1,200 planning- and design-related professionals and support personnel, who specialize in coastal, structural, civil, mechanical, electrical and construction engineering disciplines. M&N offers Resiliency-Focused Planning and Design Services with expertise in resiliency planning and design. The firm's coastal engineering and resilience experts have assessed hazards, developed adaptation plans, and designed solutions in at-risk coastal areas. M&N is committed to Florida. They have been consulting in Florida since 1985 and have an established presence in the state.

As part of the RES team, M&N will provide comprehensive coastal engineering, design, surveying and permitting support services. They will also provide services related to contract specifications, preparing bid and proposal documents, assisting



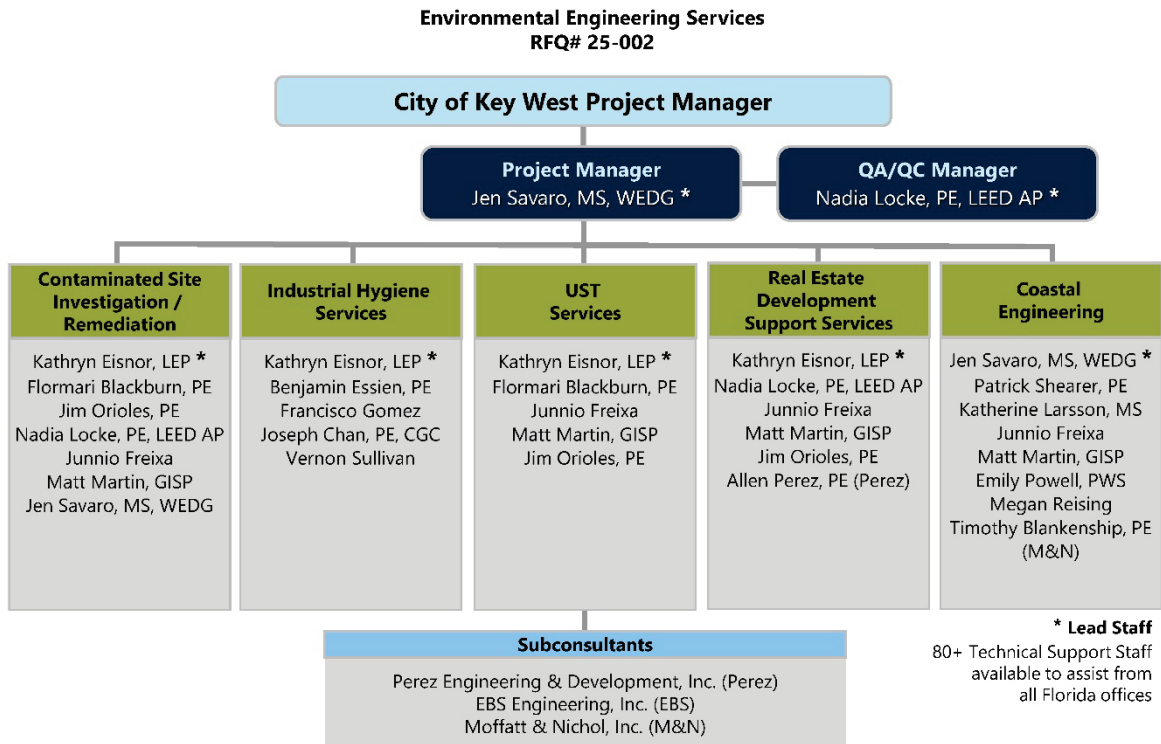
Key West with technical review and ranking to attain qualified contractors, construction administration and owner representation services on coastal-related projects including docks, marinas, seawalls, bridges, erosion control and beach design/re-nourishment. RES and M&N personnel have collaborated professionally for many years and are currently working together on two projects for the City of Miami Beach.

RES will also subcontract contractors, laboratories, drillers, surveyors, etc. as necessary to fulfill the project needs.

## Tab D Personnel

### Organizational Chart

### Key Personnel Classifications and Scope Experience



**Table 2. Key Personnel Classifications and Scope Experience**

Key Staff Name / Classification	Years of Experience	% Available	Environmental Engineering				
			Contaminated Site Investigation/ Remediation	Industrial Hygiene Services	UST Services	Real Estate Development Support Services	Coastal Engineering & Permitting Services
RES							
Jen Savaro, MS, WEDG Project Manager/Senior Scientist	12	50	X			X	X
Nadia Locke, PE, LEED, AP, QA/QC/ Senior Engineer	37	25	X	X	X	X	X
Kathryn Eisor, LEP, Contamination Lead / Senior Scientist	19	40	X	X	X	X	
Jim Orioles, PE, Senior Engineer	25	30	X	X	X	X	
Flormari Blackburn, PE, Senior Engineer	36	35	X		X	X	
Junnio Freixa, Scientist	7	60	X		X	X	X



Katherine Larsson, MS, Scientist	4	70					<b>X</b>
Matt Martin, GISP, Senior Scientist	26	30	<b>X</b>		<b>X</b>	<b>X</b>	<b>X</b>
Patrick Shearer, PE, Senior Engineer	17	30	<b>X</b>		<b>X</b>	<b>X</b>	<b>X</b>
Joshua "JD" Wolfer	2	40	<b>X</b>		<b>X</b>	<b>X</b>	
Emily Powell, PWS, Scientist	8	70					<b>X</b>
Megan Reising, MS, Senior Scientist	11	30					<b>X</b>
<b>Perez</b>							
Allen Perez, PE, President/Senior Engineer	30	30				<b>X</b>	
<b>EBS</b>							
Benjamin Essien, PE Principal/Senior Engineer	40	40	<b>X</b>	<b>X</b>	<b>X</b>		
Francisco Gomez Senior Environmental Scientist	35	50	<b>X</b>	<b>X</b>	<b>X</b>		
Joseph Chan, PE, CGC Senior Project Engineer	43	60	<b>X</b>	<b>X</b>	<b>X</b>		
Vernon Sullivan Staff Environmental Scientist	2	60		<b>X</b>			
<b>M&amp;N</b>							
Timothy Blankenship, PE Senior Coastal Engineer	30	15					<b>X</b>
Jacqueline M. Brower, PhD, PE Coastal Engineer & Scientist	15	20					<b>X</b>
Vanessa Benzecry, PhD, PE Marine Structural Engineer	10	35					<b>X</b>
Nicole Shaw, PE Marine Structural Engineer	14	15					<b>X</b>

## Key Staff Overviews

RES has assembled a team of professionals who have the expertise to provide the skills and experience necessary to assist the City in reaching its goals. The following includes professional highlights illustrating the quality and depth of the experience of a few of our select key staff. One-page resumes of our full team are available in **Appendix 1**.

### Jen Savaro, MS, WEDG, Project Manager

**Education:** MS, Marine Biology and Coastal Zone Management, Oceanographic Center, Nova Southeastern University (2015); BS, Marine Science, Marine Biology Specialization, Environmental Science minor, Marine Science Department, Coastal Carolina University, 2011 | **Certificates | Licenses:** Waterfront Edge Design Guidelines (WEDG) Associate (Exp. 2-20-2029); American Academy of Underwater Sciences (AAUS) Scientific Diver #31233; Dive Master (NAUI) #57565; ISA Certified Arborist FL-6779A; Landscape Inspector No. 2019-229; Florida Fish and Wildlife Conservation Commission (FWC) Authorized Gopher Tortoise Agent No. GTA-17-00057A; and OSHA 40 Hour HAZWOPER/8-Hour Refresher;

Ms. Savaro is the Coastal Lead and a Senior Scientist, based out of the Florida Keys. She specializes in natural resource assessments, permitting and certified arborist services. She provides numerous ecological services to clients, including the following: marine and estuarine habitat assessments; coastal habitat assessments and permitting; Phase I ESAs; upland habitat assessments and permitting; GPS data collection and GIS mapping and NEPA document preparation. Ms. Savaro is a NAUI Divemaster, with over 15 years of diving experience. She leads the dive team at RES. Ms. Savaro is trained in sampling and analytical techniques for field data collection, water quality sampling and assessment and species identification, including seagrass, coral, octocorals, fish and mangroves.

She manages similar environmental and engineering consulting services contracts for City of Marathon Professional Services, Islamorada Consulting Engineering Services and Water Quality and Benthic Vegetation Monitoring in Canals; and Florida Keys Aqueduct Authority (FKAA) Channel Projects. Ms. Savaro has managed numerous benthic surveys, water quality and environmental permitting projects in the Florida Keys. She has the capacity to provide a high level of service on this contract





as well. She is supported by a talented group of staff and subconsultants who can efficiently execute the projects, leaving her to dedicate her time to providing the higher-level client service and project management.

### **Nadia Locke, PE, LEED AP, Senior Engineer / QA/QC**

**Education:** BS, Materials Science and Engineering, University of Florida, 1988 | **Certificates | Licenses:** Professional Engineer: FL-58676; LEED Accredited Professional, Certified FDEP Stormwater, Erosion and Sedimentation Control Inspector and Instructor; NAUI / PADI Advanced Open Water Diver, LEED AP Neighborhood Development, OSHA 40 Hour Hazardous Waste Operations and Emergency Response; OSHA 8-Hour Site Supervisor

Ms. Locke has been providing environmental and engineering consulting services for over 37 years in South Florida. During her career, she has worked in many facets of environmental consulting including environmental audits, site assessments and remediation, stormwater and sanitary sewer consulting, environmental permitting, climate change impact evaluation, grant assistance, mitigation design, and community involvement. She is the Contract Manager on our current Key West Environmental Engineering Contract. Ms. Locke's years of experience managing contracts, projects and staff have proven to be successful on other related contracts similar to the services requested. She brings the same level of effort to her QA/QC Manager role, paying attention to each project's specific needs. She is focused on exceeding her clients' needs and delivers our services honestly and openly.

Ms. Locke has been working in the Florida Keys for over 25 years. Projects that she completed include the Truman Waterfront Park, an asbestos survey at the Truman Annex, multiple Phase I and II ESAs in Key West, a confidential arsenic study in Monroe County, and the wastewater treatment alternatives analysis and development of a Request for Proposal for hiring the wastewater operator for Islamorada. She continues to provide ongoing support to Islamorada by providing QA/QC review for stormwater management plans for future site development.

### **Kathryn Eisnor, LEP, Contamination Lead / Senior Scientist**

**Education:** BSc, Earth Sciences, Dalhousie University, 2002; Indian Country Environmental Hazard Assessment, United Tribes Technical College, 2012 | **Certificates | Licenses:** Licensed Environmental Professional #370; 40-Hour OSHA HAZWOPER Training/ 8-Hour Refresher; CPR and First Aid; FDEP Stormwater, Sediment, Erosion Control Inspector #21246 and Instructor # 588

Ms. Eisnor has over 19 years of experience in environmental consulting in South Florida. Her technical experience includes environmental assessment and remediation of contaminated sites, and she is experienced in permitting and NEPA documentation. Ms. Eisnor has actively collaborated on site investigations, environmental assessments, and remedial action planning and design. She specializes in assessing and managing contaminated site risks as part of redevelopment projects and works with property owners to minimize the impact that contamination has on design and construction. She is also very well versed in implementation of remedial actions that are cost effective and minimally disruptive to communities and routine site activities. Ms. Eisnor has been very successful in working with regulatory agencies to obtain site closures by managing risks instead of implementing costly remediation. She is also experienced in regulatory compliance and preparing Spill Prevention, Control, and Countermeasure (SPCC) plans and tank closure assessments. As part of her project management involvement, she is responsible for cost estimating and tracking, task scheduling and timely completion of project events. From the various and numerous projects completed, she has gained practical experience in environmental field investigation, monitoring and sampling tasks, construction planning and oversight, remediation system installation and operation, and regulatory compliance. Ms. Eisnor manages several of our municipal clients, including Miami Beach, City of Pompano, Palm Beach County, City of Miami and Fort Lauderdale.

## **Subconsultant Key Staff**

### **Perez | Allen Perez, PE, President/Senior Engineer**

**Education:** MS, Civil Engineering, University of South Florida, 1995; BS, Civil Engineering, University of South Florida, 1992 | **Certificates | Licenses:** Professional Engineer: FL-51468

Mr. Perez has more than 25 years of experience in roadway design, sanitary sewer systems, stormwater systems, potable water systems, and general civil engineering services. His experience includes the management and technical preparation of master plans, construction documents, permit submittals, and construction services for a wide variety of development activities. Mr. Perez has been providing professional engineering services, from his Key West office, for projects throughout the Florida Keys for over 20 years. Mr. Perez has experience in providing Civil Engineering services for a variety of private and public sector clients, specifically in the Florida Keys. Mr. Perez's engineering design experience is fairly diversified and includes hydraulic and hydrologic computer modeling of storm water management systems; the design of potable and sanitary utility systems, pump stations, paving and grading design.

### **EBS | Benjamin Essien, PE, Principal/Senior Engineer**

**Education:** BS, Mechanical Engineering, University of Benin, 1980 | **Certificates | Licenses:** Professional Engineer: FL-47176; Asbestos Consultant, Florida; Licensed Mold Assessor, Florida; EPA Asbestos Building Inspector and Management



Planner; EPA Asbestos Contractor/Supervisor; 40-Hour HazMat OSHA; 29 CFR 1910; 8-Hour HazMat Supervisor; EPA Lead-based Paint Risk Assessor

Mr. Essien, a registered Professional Engineer in the State of Florida and has over 40+ years of experience in engineering design, project management, environmental consulting and construction. He has served as project manager and/or principal-in-charge for numerous projects including design, construction and inspection of major industrial and public facilities. He is also a licensed Florida asbestos consultant, certified lead-based paint risk assessor and radon measurement specialist with extensive experience in handling all asbestos, lead-based paint, radon and other indoor air quality testing/consulting issues and remediation. He is an effective and perceptive program/project manager who has won acclaims for both services and professionalism. With extensive contract administration and QA/QC experience, he has administered hundreds of projects including multi-site/task design, construction inspections, contamination assessments, hazardous materials cleanup, etc.

### M&N | Timothy Blankenship, PE

**Education:** ME, Coastal Engineering, Old Dominion University, Virginia, 1994; BS, Civil Engineering, Old Dominion University, Virginia, 1992 | **Certificates | Licenses:** Professional Engineer: Florida No. 55910, 2000; Virginia No. 0402032214, 1999

Mr. Blankenship has extensive experience as a coastal engineer having completed beach nourishment, inlet, and coastal structure studies and design throughout Miami-Dade County and the Florida Keys. He led coastal engineering teams in the numerical modeling of the shoreline with DHI MIKE sediment transport numerical models. He has completed design and permitting for several truck haul nourishment projects that have included erosion "hot spot" areas. Project experience includes shoreline stabilization and studies throughout the Florida Keys as well as in the Dry Tortugas. Mr. Blankenship has been working in the Florida Keys since 2000, with specific coastal, resilience, and marine structural project experience in Key West.

## Resumes

One-page key personnel resumes are provided in **Appendix 1**.

## Tab E Experience, Qualifications and References

RES provides a full range of environmental engineering services to assist municipalities with identifying and managing environmental risks. Our strategies focus on using solid technical approaches to assess the existing conditions, anticipating future potential risks, understanding the City's long-term goals and developing a plan to provide the right level of protection and regulatory compliance, while considering cost and schedule constraints. We have extensive experience investigating surface and subsurface environments, and are very familiar with geological, hydrological and hydrogeological systems in Monroe County. Our environmental staff and that of our team includes registered professional engineers and geologists, and degreed scientists whose expertise provides a comprehensive combined set of skills that will support the City's goals through and even beyond the planning, design and construction phases of projects. Our team has the experience and expertise to provide all aspects of full-scale engineering, design, permit preparation, bidding, contract and specification documents development, and assistance with contractor selection. During implementation, we have the expertise and experience to provide construction administration, owner representation and permit modifications as the needs arise during rehabilitation/retrofit or new construction.

The following highlights some of RES' specific relevant project experience. This experience reflects our knowledge of working in the Keys, and for municipalities. We have provided an overview of our team's experience and related disciplines in the table below. Following the table is the requested project information. **Note: Several of our projects cover multiple disciplines.**

**Table 3. Projects, References and Related Disciplines Table**

Project Name	Reference	Environmental Engineering	Coastal Engineering
<b>RES</b>			
Islamorada Environmental Services Overview	<b>X</b>	<b>X</b>	<b>X</b>
Islamorada Water Quality and Benthic Vegetation Monitoring in Canals			<b>X</b>
Miami Jose Marti Park Adaptive Re-Design	<b>X</b>		<b>X</b>
Key West Truman Waterfront Park		<b>X</b>	
Miami Beach Environmental Engineering Continuing Services		<b>X</b>	
Fort Lauderdale General Environmental Engineering	<b>X</b>	<b>X</b>	<b>X</b>



Project Name	Reference	Environmental Engineering	Coastal Engineering
<b>RES</b>			
Key West Salt Pond	X		X
FCAA Channel Projects	X	X	X
<b>Perez</b>			
Key West Truman Waterfront Park	X	X	
Key West Hazard Mitigation Tide Valve Project	X	X	
Key West Duval Street Park	X	X	
<b>EBS</b>			
BAC Leasehold Campus	X	X	
Multiple Hazardous Material Testing and Monitoring	X	X	
<b>M&amp;N</b>			
Mallory Square Master Planning Key West Waterfront	X		X
Key Biscayne Beach and Dune Management Program	X		X

## Islamorada Environmental Services Overview

Mr. Peter Frezza, Project Manager

86800 Overseas Highway, Islamorada, Florida 33036 | (305) 664-6467 | [peter.frezza@islamorada.fl.us](mailto:peter.frezza@islamorada.fl.us)

Contract Value: \$1,090,832 | Construction: N/A | Project Dates: 2001 – Ongoing

### Consultant Information | Key Personnel

RES Florida Consulting, 312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316

Key Staff: Jen Savaro, Project Manager/Senior Scientist for Coastal Engineering Services;

Jim Orioles, Project Manager/Senior Engineer for Environmental Engineering Services;

Katherine Larsson; Emily Powell; Patrick Shearer; Nadia Locke

### Environmental and Coastal Engineering Services

RES has provided a variety of environmental engineering consulting services for Islamorada including the following relevant projects:

**Breakwater/Artificial Reef Feasibility Study:** RES is preparing a comprehensive feasibility study to assess the requirements for a successful breakwater/artificial reef project. The study includes a desktop review of selected sites: Sea Oats Beach and Upper Matecumbe Key near Tom's Beach, to analyze geographic features, anthropogenic influences, and regulatory considerations. Field investigations will gather site-specific data and habitat, protected species, sediment characteristics, and substrate conditions. RES will evaluate permitting requirements, breakwater design options, and cost estimates, collaborating with agencies and vendors to identify feasible solutions. The final feasibility study report will summarize findings, recommend viable project options, and be reviewed with Village staff for finalization.

**Water Quality Master Plan:** The project included several tasks, the first of which was an Assessment Report that included an inventory of Islamorada residential canals, attributes and classification using the Monroe County Residential Canal and Inventory report. This was supplemented with water quality monitoring data and, using this data, a recommendation for suitable canals for the water quality project with the funds available was provided. Once a decision was made regarding the canal and treatment technology, drawings were generated to prepare a bid package and permit applications.

**Phase I ESA Gardenia Parcels:** RES prepared a Phase I ESA prior to acquisition of land that was to be developed for affordable housing.

**Construction Engineering Services.** RES provided Construction Engineering Inspection (CEI) and engineering support services for the NPK / NPK Colony Wastewater Treatment Facility and Collection System in Islamorada. RES prepared the technical RFP for Phase I NPK Colony Waste Water Treatment Facility and Collection System and assisted the Village with securing a Design/Builder for the project. RES staff served as the design consultant for Islamorada for this project. Responsibilities included plans and specifications review; shop drawing reviews; general CEI services, including on-site inspections; payment application processing; and interaction between the client and the Design/Builder. RES conducted weekly site inspections and attended monthly progress meetings. These tasks also included negotiating a change order to expand the waste water treatment facility from a 0.1 MGD-AADF facility to the current 0.25 MGD-AADF facility.





**Indian Key Fill Bike Path/Stormwater Demonstration:** This project was a first year implementation project under the Village's Stormwater Master Plan. The project aimed to improve water quality along a one-mile stretch of Indian Key Fill, a narrow land strip between Florida Bay and the Atlantic Ocean within the Florida Keys National Marine Sanctuary. Previously, stormwater runoff flowed unimpeded into these Outstanding Florida Waters (OFW) due to a sparsely vegetated, on-grade bike path. The project involved demolishing the old bike path, regrading the area, and constructing a meandering bike path with swales on both sides of US 1. Native xeriscape landscaping was added to enhance stormwater detention, allowing percolation and biofiltration before discharge. Additional benefits included improved wildlife habitat and recreational space. RES services included assistance with negotiations with regulatory agencies and permitting, CEI, RFP bid evaluation, biological survey, wetland delineation, and turbidity reporting.

**Indian Key Fill Oceanside Restoration Demonstration:** Islamorada required wetland delineation and habitat impact assessment during the reconstruction of a bike path along the Oceanside of US 1. The project was initiated after the SFWMD notified Islamorada of incidental fill being placed into wetlands otherwise identified as non-disturbance areas. RES identified all unauthorized wetland fill areas and prepared a restoration plan and delivered the product to Islamorada and the SFWMD within two weeks of being notified of the problem. RES also coordinated the field supervision during the restoration activities.

**Stormwater Land Development Regulations and Technical Manual:** RES assisted Islamorada in developing land development regulations in regard to stormwater impacts during development/redevelopment within the Village. Services included compiling data related to existing stormwater systems within the Village and developing the language for the regulations. Areas covered in the regulation text included the development/redevelopment process and its relation to the Village's review process and adherence to existing county, water management district and state regulations. Services also included development of a matrix of alternatives related to the type of designated land use activities, as well as specific design criteria needed for each stormwater treatment facility, and development of a technical manual to assist the applicant in interpreting the regulations and specific examples.

## **Islamorada Water Quality and Benthic Vegetation Monitoring in Canals**

Mr. Peter Frezza, Project Manager

86800 Overseas Highway, Islamorada, Florida 33036 | (305) 664-6467 | [peter.frezza@islamorada.fl.us](mailto:peter.frezza@islamorada.fl.us)

Contract Value: \$75,000 Annually | Construction: N/A | Project Dates: 2020 - 2025

### **Consultant Information | Key Personnel**

RES Florida Consulting, 312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316

Key Staff: Jen Savaro, Project Manager/Senior Scientist; Katherine Larsson; Junnio Freixa;

### **Coastal Engineering Services**

RES is performing water quality and benthic vegetation monitoring within select residential canals and nearshore waters related to the Village's ongoing water quality evaluation project. The Village created a water quality and benthic vegetation monitoring program to gather baseline data from a series of canals to detect changes in water quality as a function of remediation activities. The project was initiated in 2015 by others. The project was transitioned to RES in 2020.

RES is tasked with maintaining the established dataset, detecting changes over time, and continuing the evaluation of canal conditions as they relate to remediation occurring including canal restoration or other natural or unnatural events. The project also supports the Village's efforts to collect and analyze nearshore water nutrient loading to ensure compliance with water quality standards. By maintaining and expanding the established dataset, RES' scientists have been able to organize and identify existing data gaps and provided recommendations to the Village. RES is currently in the their fourth year of monitoring.

## **Miami Jose Marti Park Adaptive Re-Design**

Ms. Aida Curtis, Principal, Curtis & Rogers Design Studio

7520 S. Red Road, Suite M, South Miami, FL 33143 | 305.442.1774 | [aida@curtisrogers.com](mailto:aida@curtisrogers.com)

Contract Value: \$250,990 | Construction: \$23,243,422 | Project Dates: 2019 - Ongoing

### **Consultant Information | Key Personnel**

RES Florida Consulting, 1031 Ives Dairy Road, Suite 250, Miami, FL 33179

Key Staff: Patrick Shearer, Project Manager/Senior Engineer; Jen Savaro, Jim Orioles; Nadia Locke

### **Coastal Engineering Services**

RES provided civil and environmental engineering services that include environmental site analysis and impact evaluations, vulnerability assessments, resiliency planning, and design related to drainage improvements, green infrastructure, and stormwater management at the Jose Marti Park site on the west bank of the Miami River in the heart of Downtown Miami. This project site is ±13 acres and consists of a waterfront park, paths, playgrounds, a pool complex, gym, recreation and community center, basketball courts, baseball fields, exercise equipment, and waterfront access via seawalls and imbricated shoreline areas. The park is the center for the community in this area of Little Haiti and regularly



experienced tidal flooding from the river. This is exacerbated during the King Tide portions of the year and hurricane season. With future sea level rise projections showing increased water levels for the park, the team of architects, engineers, scientists, and planners was tasked with adapting the waterfront to future predicted sea level rise (SLR) and tidal and storm surge elevations that will set a model for other properties along the Miami River and other portions of the city that can benefit from this adaptive design.

RES led the natural systems and green infrastructure design and integrating low impact development principles to showcase stormwater management as functional environmental art which ties the site to the Everglades and Biscayne Bay natural areas of Miami and the Miami River. The final design has been bid and is going to construction in early 2025 and is part of the Tranche 1 of the City of Miami Forever Bond general obligation bond program. The project team has many partners, and the New York-based Van Alen Institute has led a separate and concurrent study and series of events to educate the community on sea level rise, climate change, gentrification, and worked with our project team to create a project that provided equity, economy, and ecology benefits for the citizens, the Miami River, and the City of Miami. The project is intended to improve pedestrian safety, harness social interaction and business development, and to improve water quality and flood reduction in the district. ~\$18 million was awarded through a CBDG grant, FIND, and local grants. The project is the first in Florida to receive the WEDG verification, which is a green rating system for waterfront sites.

### **Truman Waterfront Park**

Randy Hollingworth, Project Manager, Bermello, Ajamil & Partners

2601 South Bayshore Drive, 10th Floor, Miami, Florida 33133 | 726.470.6898 | [rhollingworth@bermelloajamil.com](mailto:rhollingworth@bermelloajamil.com)

Contract Value: \$140,000 | Construction: \$27M Charley Toppino & Sons, Inc. | Project Dates: 2014 – 2016

#### **Consultant Information | Key Personnel**

RES Florida Consulting, 312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316

Key Staff: Nadia Locke, Project Manager/Senior Engineer

#### ***Environmental and Coastal Engineering Services***

**RES and Perez** were engaged as subconsultants to provide civil and environmental engineering support services for the Truman Waterfront Upland Parcels (the Site). The City of Key West Naval Properties Local Redevelopment Agency (LRA) was engaged in the acquisition, planning and permitting of the redevelopment of a portion of the former U.S. Navy Truman Waterfront base since 1995 as allowed by the Federal Government's Base Realignment and Closure process. The LRA sought to develop a portion of surplus Navy property known as the Truman Waterfront Upland Parcels. The overall project consisted of designing and implementing a thematically integrated waterfront park consistent with the character of a surrounding historic community. The Site encompassed multiple properties over an approximate 23-acre area adjacent to Florida Bay waters.

RES reviewed the contamination assessment and remediation history of these parcels to ascertain and assist the City in understanding existing and proposed land use restrictions to determine the requirements for site development and use as a public park. RES developed a soil and groundwater management plan to address contamination issues during construction and to communicate the engineering controls that will be required to be installed and maintained. This process involved coordination and approval by the City, the Navy and FDEP. RES assisted with the bidding process, by presenting the environmental conditions at the pre-bid meeting and was engaged in answering requests for information from contractors during the bidding process. During construction RES was consulted when contamination issues or questions arose. The park was constructed using the provisions of the soil management plan. Perez conducted civil engineering design services for the park.

### **Miami Beach Environmental Engineering Continuing Services**

Samantha Tiffany, Environmental Resources Manager

1700 Convention Center Drive, Miami Beach, Florida 33139 | 305.673.7000 | [SamanthaTiffany@miamibeachfl.gov](mailto:SamanthaTiffany@miamibeachfl.gov)

Contract Value: \$973,347 | Construction: N/A | Project Dates: 2011 – Ongoing

#### **Consultant Information | Key Personnel**

RES Florida Consulting, 312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316

Key Staff: Kathryn Eisnor, Project Manager; Nadia Locke, QA/QC; Jen Savaro; Junnio Freixa; Matt Martin;

Katherine Larsson; Emily Powell

#### ***Coastal and Environmental Engineering Services***

**Groundwater Elevation Monitoring and Mapping Support, Sunset Harbour:** RES assisted the City with the completion of a groundwater elevation monitoring study in the Sunset Harbour neighborhood. This study was conducted to evaluate the soil storage capacity within this area to support the design and installation of a stormwater management system. RES provided the City with training and support during installation of the equipment and data collection, data management and modeling efforts. The City has successfully installed equipment and downloaded data with the assistance of RES personnel.



**SLR Evaluation:** RES assessed flood-prone areas in Miami Beach to evaluate vulnerabilities to sea level rise. Given the tidal influence on groundwater, RES monitored groundwater, tidal elevations, and rainfall over 12 months to analyze their correlation. Using Light Detection and Ranging (LiDAR) topography, a Soil Capacity Model was developed with Florida Atlantic University to identify areas at risk of reduced soil storage and increased flooding. Findings were presented to the City in a detailed report and at the South Florida Association of Environmental Professionals' Water Symposium. RES also collaborated on a research project with multiple universities on coastal resilience finance and risk management. Following the study, RES assisted the City with groundwater evaluations in Sunset Harbor, providing technical training, equipment support, and data analysis.

**SPCC Plans:** RES prepared SPCC Plans for 12 facilities located throughout Miami Beach. These facilities included pump stations, fire stations, public works yard, Miami Beach Golf Club, and the Convention Center. RES' approach for developing the SPCC Plan(s) followed the steps outlined in applicable federal regulations (40 CFR 112). The Plans were reviewed and certified by a RES Professional Engineer.

**Mooring Field Feasibility Study:** With rising demand for local anchorage, Sunset Harbour has become a popular but unregulated anchoring area within Biscayne Bay, an OFW. Unchecked vessel anchoring poses navigational hazards and threatens seagrass beds and water quality. To address this, the City adopted a resolution to explore a managed mooring field. RES, in partnership with M&N, was retained to evaluate feasibility, regulatory requirements and design options near Maurice Gibb Memorial Park. The study assessed needs, potential layouts, upland support requirements, and management strategies. RES is currently in the permitting process.

**Baywalk Benthic Resources Survey, Environmental Engineering Continuing Services:** The City of Miami Beach is proposing a Baywalk on Biscayne Bay from 10th Street to 12th Street, a length of approximately 1,000 linear feet. RES was hired to perform a benthic resources survey and acquire the environmental permit authorizations for the project. The survey assessed seagrass species, density, and extent, as well as coral and aquatic wildlife. Findings were compiled into an Environmental Summary Report for the Environmental Resource Permit (ERP) applications, analyzing potential construction impacts on protected species. RES obtained permits from USACE and a modification from FDEP.

## **Fort Lauderdale Continuing Contract for General Environmental Engineering**

Mr. Todd Hiteshew, Environmental Services Manager, Public Works Department  
949 NW 38th Street, Fort Lauderdale, Florida 33309 | 954.828.4357 | [thiteshew@fortlauderdale.gov](mailto:thiteshew@fortlauderdale.gov)  
Contract Value: Continuing Services Contract - \$593,822 | Construction: N/A  
Project Dates: Multiple 5-year contract terms, 2008 – Ongoing

### **Consultant Information | Key Personnel**

RES Florida Consulting, 312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316  
Key Staff: Nadia Locke, Contract Manager; Kathryn Eisnor; Jen Savaro; Junnio Freixa; Emily Powell;  
Katherine Larsson; Megan Reising; Matt Martin

### **Coastal and Environmental Engineering Services**

**Tarpon River Restoration:** A 54" sanitary sewer force main pipe broke in two places in the Rio Vista neighborhood, adjacent to the Tarpon River, causing discharges from the force main to flow into the Tarpon River. The discharges included raw wastewater and sediment laden water from dewatering activities related to the repair of the force main. The Tarpon River is classified as a Class III water, meaning the designated uses include fish consumption, recreation, and propagation and maintenance of a healthy, well-balanced population of fish and wildlife. The City engaged RES to identify the impacted area and develop a restoration plan for the affected portion of the Tarpon River. RES used vibracore technology to collect sediment cores for visual characterization and sample collection. Sediment samples were analyzed for human waste indicators and bacteria to define the area of impact. A benthic survey using a "go-pro" camera was used to document the river bottom and to evaluate the presence of submerged aquatic vegetation. A hydrographic survey was conducted and the information used to estimate the dredge material volumes for the purposes of obtaining contractor bids. RES collaborated with the USACE, FDEP and Broward County to identify ways to streamline the agency permitting and authorization procedures and in support of the development of a sediment removal plan. Weekly updates were provided to the City to be disseminated to the public to keep the residents informed of the progress of the project. RES assisted the City with bidding documents and restoration contractor selection. We conducted compliance inspections during restoration which was completed in July 2022.

**Isle of Palms Seawall 15 Replacement and Climate Change Adaptation:** RES provided support to the City in anticipation of replacement of 900 feet of seawall along the west side of Isle of Palms Drive. Sea level rise has caused surface waters to overtop this seawall and flood adjacent land and roads. The purpose of the project is to raise the height of the seawall and protect the shoreline from the effects of climate change. The City engaged RES to conduct a benthic survey to support the design and permitting. Seagrasses were identified and data regarding seagrass bed size, density, incidental species observed, and substrate conditions were recorded and documented. RES collaborated with the design engineers to assist them in obtaining the regulatory agency permits and with the City to assist the construction





procurement process. The report was delivered one week ahead of the contract schedule and under budget. Following construction, RES performed a post construction survey to close out the environmental permits.

**Las Olas Circle Site Assessment:** An UST containing fuel was discovered during installation of a water main at a city-owned project site undergoing redevelopment. A crack developed on the side of the tank and approximately 10 gallons of fuel spilled. RES mobilized to the Site shortly after the tank was discovered and advised the CRA on measures to secure the tank. The tank was discovered at approximately 3:00 PM and the site was cleaned and secured by approximately 4:30 PM. Removal of the tank, conducted by others, revealed the presence of contaminants above the regulatory standards in the soil and the groundwater. The City engaged RES to conduct additional site assessments as required by Broward County Environmental Protection and Growth Management Department (EPGMD) and the FDEP. RES conducted soil and groundwater sampling activities to delineate the contaminants detected above the regulatory standards and prepared a Site Assessment Report. The contamination at the site was petroleum, however, it does not appear to be related to the tank spill. Assessment is ongoing at the site and regulatory closure options are being developed.

**Sistrunk Boulevard:** RES was hired by the City to conduct soil and groundwater testing along Sistrunk Boulevard from I-95 to Andrews Avenue. The project was conducted in order to support the CRA with implementing a streetscape, drainage and roadway enhancement project. RES conducted soil and groundwater testing at 36 locations to evaluate potential impacts to construction that may arise due to known and suspected contaminated sites located along the corridor. Potential sites of concern included historical dry cleaners, gasoline stations, junk yards and an incinerator ash landfill.

Prior to implementation, RES worked with the FDOT (who provided funding) to determine a scope of analytical services. RES used the construction plan sheets to assist FDOT with understanding the sampling strategy to assess the potential contamination along the corridor. Due to the high number of utilities anticipated to be located in close proximity to the drilling locations, RES reviewed available utility, coordinated with Sunshine One Call and engaged a private utility location contractor to locate underground utilities using ground penetrating radar and electromagnetic radiation surveys.

In addition to a contamination assessment report, RES provided general notes and bid specification language outlining requirements for managing contaminated soils and groundwater to be incorporated into the bidding and contract documents for this project. During construction, we assisted the City in working with the contractor to minimize impacts to construction and keep the project moving. This was a "stimulus" project meaning deadlines were critical and the work needed to be expedited. We developed a scope of work, met with FDOT to negotiate the scope, conducted private utility location, developed an MOT plan, and initiated the sample collection within 13 days of the first phone call. Our draft report was provided to the CRA within an additional 12 working days. This project was completed to the satisfaction of the CRA and FDOT and we delivered the project under budget.

**Phase I/II ESAs:** RES has prepared Phase I ESAs for the City's Neighborhood Services group in order to support federal funding, in preparation for redevelopment and prior to site acquisition. *Hortt Elementary:* RES conducted a Phase I and Phase II ESA for the City to support their purchase of this school property intended for redevelopment as a neighborhood park. The project was expedited to meet the constraints of contract timing. *Progreso Village Neighborhood:* This Phase I ESA was conducted to support a grant application for neighborhood improvement projects. *Lauderdale Manors Neighborhood:* RES conducted a Phase I ESA and HUD Environmental Review for the City's Neighborhood Services group in order to support application for federal funding for decorative light posts. *Golden Heights Neighborhood:* RES conducted a Phase I ESA for the City's Neighborhood Services group in order to support application for federal funding for decorative entranceway signs. *Sailboat Bend Preserve:* RES conducted a Phase I and II ESA of vacant property being designated for use as recreational space and installation of a "tot lot". The property is adjacent to the City's public works and police department complex.

#### **HUD Environmental Documentation and Area-wide Floodplain Management Eight-Step Decision-Making Process:**

To enhance the quality of life in our neighborhoods, the Fort Lauderdale City Commission has established four Community Investment Programs: the Neighborhood Community Investment Program, the Neighborhood Community Investment Grant Program, the Business Community Investment Program, and the Business Community Investment Grant Program. The goal of these programs is to provide matching grant funds for the construction of community improvements in the City's right-of-ways that beautify neighborhoods and enhance the quality of life for those who live, work, and visit the City. The majority of individual actions considered for these projects include the following: street name decorative posts, entryway monuments, entryway signs, concrete curbing, swales, sidewalks, median islands, decorative lighting, solar decorative lighting, landscape lighting, trees, landscaping, and irrigation. RES has prepared numerous environmental documentation packages to support HUD funding for the City's neighborhood improvement projects. The majority of these involved the preparation of Environmental Checklists in compliance with HUD regulations. RES also prepared an Area wide Floodplain Management Eight-Step Decision-Making Process for them to utilize when projects are located within a 100-year floodplain as defined by the FEMA.



**Benthic Surveys for Sylvan Lake Canal and Seminole River Canal:** RES conducted benthic resources surveys to support dredging projects in two City-maintained waterways. RES' biologists snorkeled each site to observe the presence of regulated benthic resources. RES' staff provided the reports to accompany their permit applications.

### **Key West Salt Pond Concept Study**

Ryan Stachurski, Multimodal Transportation Coordinator  
1300 White Street, Key West, Florida 33040 | 305.809.3867 | [ryan.stachurski@cityofkeywest-fl.gov](mailto:ryan.stachurski@cityofkeywest-fl.gov)  
Contract Value: \$42,654 | Construction: N/A | Project Dates: 2023 – 2024

#### **Consultant Information | Key Personnel**

RES Florida Consulting, 312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316  
Key Staff: Jen Savaro, Project Manager/Senior Scientist; Junnio Freixa

#### **Coastal Engineering Services**

RES conducted a concept study for the City of Key West. The City is proposing a bicycle/pedestrian boardwalk from Government Road over the Salt Ponds to the Smathers Beach area to the south. The purpose of the proposed project is to allow local access to the beach without using roadways, which would be particularly beneficial to children and reduce bicycle/pedestrian and vehicle conflicts, enhancing transportation safety.

RES was engaged to analyze the benthic and existing conditions present in the Salt Ponds, present the preferred alternative and assess the likelihood of acquiring state and federal permits. RES conducted a benthic and wetland assessment of the study area to identify and characterize benthic and emergent wetland resources. Using the results from the site assessment, RES conducted a geospatial analysis to identify three potential paths for the proposed boardwalk, minimizing and avoiding impacts to the natural resources and airport runway protection zones. A concept study report was delivered to the City presenting the three alternative paths and a comparison leading to the preferred proposed path.

### **FCAA Channel Projects**

Justin Dacey, PE, Associate Engineer, FCAA |  
1100 Kennedy Drive, Key West, Florida 33040 | 305.295.2151 | [jdacey@fcaa.com](mailto:jdacey@fcaa.com)  
Contract Value: \$63,672 | Construction: N/A | Project Dates: 3/2022 – Ongoing

#### **Consultant Information | Key Personnel**

RES Florida Consulting, 312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316  
Key Staff: Jen Savaro, Project Manager/Senior Scientist; Emily Powell

#### **Environmental and Coastal Engineering Services**

**Duck Key Post Horizontal Directional Drilling (HDD) Benthic Survey:** FCAA conducted horizontal directional borings at three sites in Duck Key, Monroe County, Florida. Per USACE permit requirements, the FCAA was required to conduct qualitative benthic surveys at those three sites. The three project sites included: Harbour Drive Bridge (Bridge No. 904604), Bimini Drive Bridge (Bridge No. 904603) and Seaview Drive Bridge (Bridge No. 904606).

RES was engaged to conduct a benthic survey of the sites post-construction. A qualitative benthic survey was required to be completed 30 days after construction completion of each site. RES prepared a Post-Construction Benthic Survey Report summarizing the methods and findings of the survey.

**Cow Key Channel HDD Monitoring - Key Haven to Key West:** FCAA conducted Horizontal Directional Drilling (HDD) for utility installation under the Cow Key Channel from Key Haven to Key West in Monroe County, Florida. The Florida Keys National Marine Sanctuary (FKNMS) indicated that a benthic survey following the FKNMS protocol was required pre- and post-HDD to document the presence of benthic resources and confirm they are not disturbed during the HDD process.

Baxter & Woodman held a contract with the FCAA for design and permitting of the HDD, and engaged RES to conduct the required benthic surveys. RES conducted both the pre- and post-HDD field data collection and prepared the associated reports. This channel, while shallow, is challenging as the current is strong and there is heavy boat traffic.

**Marathon Sombrero Property Environmental Permitting:** The FCAA is proposing construction in Marathon, Monroe County, Florida on Sombrero Boulevard between Manor Lane to the west and Sombrero Beach Road to the east. The proposed construction will consist of an office building, parking lots, sidewalks, and stormwater facilities.

RES conducted a site assessment to evaluate the presence of protected species and wetland resources in support of environmental permitting. RES worked closely with the engineers and regulatory agencies throughout the permitting process to avoid and minimize impacts to natural resources. Additionally, RES coordinated with local mitigation banks and prepared a cumulative impact analysis to offset the minimal impacts.



Perez Reference/Example Projects		
Project Name and Location	Scope of Services Description	Client Contact   Project Cost/Dates
Truman Waterfront Park, Key West, FL	The initial stage of the park construction was for the infrastructure to serve approximately 20 acres of the park. The work consisted of roads, parking lots, new sanitary sewer system and potable water system, and a stormwater management system. Other improvements will include playgrounds, a water feature, restroom building, promenade along the Quay, landscaping, irrigation, lighting, park furniture, etc. Perez services also included permitting through the SFWMD and the FDEP. This project shows our ability to work efficiently with City staff and the local community to provide the following services: evaluations, schematic design, design development, preparation of scope of work, specifications, contract documents for bidding, bid reviews, cost estimates, and regulatory permitting/approval.	Mr. Gary Volenec, PE   City of Key West   1300 White Street, Key West, FL 33040 Contract Value: \$140,000   Construction: \$27M Charley Toppino & Sons, Inc.   Project Dates: 2014 – 2016
Hazard Mitigation Tide Valve Project	The City was awarded a Hazard Mitigation Grant (FEMA Project 4337-231-R) for this project. The purpose of this scope of work is to improve drainage in Key West, Florida by installing tide valves on existing stormwater outfalls at approximately 25 different locations. The project will help reduce tidal intrusions from storms and high tides. This will help protect structures and reduce loss of use of roads, business, and other associated response costs.  The project consists of the general construction and furnishing of all materials, equipment and labor for the construction / installation of tide valves, vaults, triple chamber treatment boxes, storm sewer pipe, catch basins with inlets, concrete / asphalt pavement removal & replacement, earthwork, dewatering, silt removal boxes for approved dewatering discharges, utility adjustments, utility conflict boxes, environmental protection, site restoration, sidewalk improvements, site clean-up, and all necessary appurtenances and record drawings, surveys, and incidental work to provide a complete and serviceable project.	Mr. John Paul Castro   City of Key West   1300 White Street, Key West, FL 33040 Contract Value: Confidential   Construction: N/A   Project Dates: 2021 – Ongoing
Duval Street Park	This project consisted of converting the southernmost block of Duval Street into a pedestrian friendly pocket park. The development of the park required coordination with City staff as well as the adjacent local landowners. The project included the removal of the existing road, new landscape/planters, lighting, pavers, utility coordination/adjustments, and some new storm drains.	Mr. Kelly Crowe, PE   City of Key West   1300 White Street, Key West, FL 33040 Contract Value: \$1.2M   Construction: N/A   Project Dates: 2018 - 2019
EBS Reference/Example Projects		
Project Name and Location	Scope of Services Description	Client Contact   Project Cost/Dates
BAC Leasehold Campus 6600 NW 27 Avenue, Miami, FL 33147	Phase I ESA of the property was conducted per ASTM Standard Practice E E1527-21 to identify any existing Recognized Environmental Conditions (RECs) which may exist at the site or adjacent properties that could adversely impact the subject site. A Limited Site Assessment Report (LSAR) was performed on the site to investigate the potential environmental contamination of the soil on the site as per DERM approved Sampling Plan. EBS also performed a pre-demolition asbestos survey for the four buildings on the property, prepared plans and technical specifications for the removal of the ACMs, and provide project management services for the abatement project, etc.	BAC Funding Corporation Mr. Ronald E. Frazier, AIA (305) 588-2459 refrazier@refrazier.com  \$30,800 08/23 -03/25





EBS Reference/Example Projects		
Project Name and Location	Scope of Services Description	Client Contact   Project Cost/Dates
Multiple Hazardous Material Testing and Monitoring, Miami-Dade County, FL	Hazardous material testing and monitoring services (mold, mildew, air quality, asbestos, lead-based paint) were performed for multiple County facilities. Testing Services include assessing/surveying, laboratory analysis and abatement consulting services at various County facilities including building systems and parking facilities' projects managed by Internal Services Department (ISD).	Internal Services Department Ms. Aundria Blatch, PMP. (786) 835-3385 Aundria.Blatch@miamidade.gov  \$400,000 02/22 – 12/24
M&N Reference/Example Projects		
Project Name and Location	Scope of Services Description	Client Contact   Project Cost/Dates
Mallory Square Master Planning Key West Waterfront, City of Key West	<p>M&amp;N provided Master Planning Support Consulting Services for the Key West Sunset Celebration/Mallory Square Project, Key West, Florida. M&amp;N was part of a multi-disciplined team led by Sasaki Associates.</p> <p>Simultaneously serving as a national tourist destination as well as the front yard for the Key West community, Mallory Square (The Square) embodies the best of the region's warm, vibrant, and culturally rich character. With its roots defined by a diverse set of influences, from artists to fishermen, to immigrants, the Square is a true microcosm of the uniqueness of Key West. The focus of the master planning was generally within the 7-acre site as outlined by the City, however the scope of work included adjacency and connectivity studies as well as coordination with stakeholders such as Ocean Key Properties. M&amp;N conducted site visits with the project team to provide consulting services on resiliency, shore protection, environmental permitting of waterfront components, and consulting services on multi-use port operations. The planning accounted for resiliency components including extreme heat, flooding, and hurricane impacts. M&amp;N consulted with the project team on the layout and geometry of the seat walls and steps to provide protection from flood events. The master plan has evolved as led by the Sasaki team and initial phases are being presented to the City in early 2025 working towards plans for implementation.</p>	Mr. Travis Mazerall, Senior Associate   Sasaki Associates, Inc.   tmazerall@sasaki.com Contract Value: \$35,000   Construction: N/A   Project Dates: 2022 – 2023
Key Biscayne Beach and Dune Management Program, Key Biscayne, FL	<p>M&amp;N, beginning as a subconsultant and now a prime provider, provided coastal engineering and environmental permitting services for ongoing beach management for the municipality. M&amp;N has planned, designed, permitted, and managed construction for the following beach nourishment projects: (1) 2017 truck haul beach nourishment with 27,000 cy to address erosion as a result of Hurricane Matthew in October 2016, with extensive beach erosion that extended into the coastal dunes. (2) 2021 truck haul nourishment with 31,000 cy to address ongoing erosion. (3) 2024 truck haul nourishment with 25,000 cy that included dune enhancements to address erosion impacts from recent hurricanes.</p> <p>For each project, M&amp;N has managed beach profiling to assess storm impacts, and the beach nourishment is designed. A coastal engineering analysis was performed using two independent methods to determine the estimated toe of fill to avoid impacts to adjacent nearshore seagrass beds.</p> <p>Prior to construction, M&amp;N coordinated and managed updated biological mapping of the adjacent seagrass beds</p>	Rolland Samimy   Village of Key Biscayne   305.365.8908   rsamimy@keybiscayne.fl.gov Contract Value: \$575,000   Construction: N/A   Project Dates: 2016 – Ongoing



M&N Reference/Example Projects		
Project Name and Location	Scope of Services Description	Client Contact   Project Cost/Dates
	<p>and monitored transects along the project limits to include control transects outside the project area. Construction plans and specifications have been compiled for each truck haul project, and M&amp;N assisted the Village with procuring qualified contractors. M&amp;N provided construction administration services for the project's duration for conformance with plans, specifications, and permit conditions.</p> <p>M&amp;N processed the maintenance project's environmental permit authorizations through USACE, FDEP, and Miami-Dade County DERM. The Village has existing 10-year federal, state, and local environmental permits that facilitate beach maintenance projects. Beach nourishment plans, as well as updated monitoring and construction methodologies, were processed through the agencies. M&amp;N is continuing to provide the required biological and physical monitoring to maintain compliance with environmental permits. In addition, M&amp;N is working with the Village in processing Federal Emergency Management Agency (FEMA) reimbursements and managing funding reimbursements through the FDEP LGFR program.</p>	

## Tab F Approach and Methodology

### Environmental Engineering Services

**Real Estate Development Support Services.** RES provides comprehensive real estate development support, including **Phase I and Phase II ESAs**, environmental surveys, permitting, and construction inspections. Beyond regulatory compliance, we recognize the importance of preserving Key West's historic charm while planning for future growth. Our experienced professionals bring extensive local knowledge, ensuring thorough due diligence and permitting. Having history and experience with Key West and conducting environmental research can be a critical element in real estate development support services. Our work on your City Hall illustrates our understanding of unique local considerations that other ESA firms may not typically consider, such as the importance of the project within the context of its surroundings, i.e., tree canopy and cultural resources.

Another service we provide to several cities as part of redevelopment or improvement projects is conducting environmental reviews to comply with **NEPA when a project is receiving federal funding or has another federal nexus**. Examples of this include projects funded through the FDOT or Federal Highway Administration (sidewalks, bus shelters, bridge rehabilitations, bike paths, etc.) or neighborhood improvement projects funded by HUD (affordable housing, landscaping, drainage improvements, pavers/crosswalks, etc.).

We have assisted several cities with designing and **managing contamination risks as part of the design, bidding and construction processes**. Examples include preparing "environmental plan notes" for bid packages for infrastructure improvements or assisting with site layout to avoid conflicts with drainage or other features that may exacerbate contamination or increase site development costs. Our team has assisted cities successfully design, permit and construct on contaminated properties through many different means; conversations with the FDEP (or other agencies), navigating the Brownfields process and securing destinations and ultimately grant fund or voluntary tax credits for development, or through the planning process and avoiding the contamination risks completely.

RES specializes in **environmental permitting services** for infrastructure, utilities, and new developments, leveraging GIS tools for efficient site assessments. Our extensive experience in the Keys includes benthic and upland surveys, habitat mapping, endangered species assessments, mitigation planning, and stormwater management. We are well-versed in regulatory requirements, including sea turtle monitoring, FWC-approved sea turtle friendly lighting, Florida Keys National Marine Sanctuary permits, hardwood hammock protection, and turbidity monitoring/manatee observations during construction.

We are well known by and have excellent working relationships with the permitting agencies, and regularly facilitate agency meetings, such as pre-application meetings. RES provided environmental permitting, analysis and documentation to support the Beach Corridor Rapid Transit Project for Miami-Dade County Department of Transportation and Public Works. RES conducted the NEPA analysis to satisfy federal funding and environmental permitting concurrently to expedite a portion of



the project. Permits sought included a Conceptual SFWMD Environmental Resource Permit, which included coral relocation and mitigation plans as well as two seagrass restoration plans and a U.S. Coast Guard (USCG) Permit for the construction of the new guideway across Biscayne Bay. Agency consultation was conducted with the State Historic Preservation Officer (SHPO), U.S. Fish and Wildlife Service (FWS), and National Marine Fisheries Service (NMFS). Commenting agencies include Tribes, the FDEP, the Federal Transit Agency (FTA), FDOT, FWC.

**Contamination Site Investigation and Remediation.** RES provides comprehensive contaminated site investigations and remediation services, including historical site assessments, hydrogeological evaluations, feasibility studies, remediation design, permitting, and oversight. Our geologists, scientists, and engineers develop cost-effective, innovative solutions to manage contamination while minimizing liabilities, costs, and time to regulatory closure.

With extensive experience in the Keys, RES understands complex geological and hydrogeological systems. We actively engage with the Florida Brownfields Association and FDEP initiatives to navigate evolving contamination management policies, bringing practical, state-approved solutions to our clients.

For example, our work on West Palm Beach's former City Hall redevelopment saved approximately \$1M in cleanup costs by utilizing a soil management plan instead of traditional excavation. By demonstrating no point-source discharge and no public health hazard, we successfully minimized remediation expenses.

When active remediation is necessary, we design site-specific strategies, such as large-scale chlorinated solvent cleanup, in situ chemical oxidation, and cost-effective alternatives based on contamination levels. In some cases, land use restrictions or restrictive covenants may be the best option to achieve regulatory closure while ensuring public safety.

RES delivers tailored remediation strategies that balance environmental responsibility with project goals and funding constraints. The best option is dependent on the project objectives and funding available.

**UST Site Services.** RES provides hydrogeological investigations, monitoring well design, UST removal and replacement oversight, tank closure assessments, contamination assessments, and remedial system design, installation and permitting. We offer turnkey storage tank solutions, such as the Broward County Copans Road Mass Transit UST upgrade where 13 USTs (382,000 gallons total) were upgraded, and \$50,000 in state relief was secured for soil disposal. Our work includes soil and groundwater sampling, UST closures at Orange County Fire Rescue facilities, and compliance with FDEP regulations. We are assisting a mining client with AST closure after a spill and have developed SPCC plans for 38 facilities using a custom Survey123 program for accurate data collection and reporting.

## Coastal Engineering Services

RES offers comprehensive coastal and marine services, supported by an AAUS Scientific Diver Safety Program. Our trained divers specialize in benthic species identification and characterization, including seagrasses and all Submerged Aquatic Vegetation (SAV), hard-bottom species such as corals, sponges, and attached algae, as well as marine floating algae, cyanobacteria, and oyster reefs. RES has conducted feasibility studies and assessments following methodologies established by state and federal regulatory agencies, including FDEP, FWC, and USACE. The company has also provided state and federal design and permitting services, long-term maintenance and monitoring for artificial reefs, seagrasses, and benthic habitats to meet permit compliance and success criteria. Additional services include turbidity monitoring, marine species and manatee observation and the development of site-specific manatee protection plans. Additionally, we provide permitting, restoration, and compliance services for coastal habitats, including mangroves and salt marshes.

RES delivers a full suite of nature-based and hybrid (green/gray infrastructure) solutions to enhance community resilience. RES has extensive experience in designing and permitting living shorelines, dune and barrier island restoration, custom native plant and tree propagation, and comprehensive site evaluation, modeling, installation, maintenance, and monitoring. As a leader in full-delivery mitigation solutions, RES supports clients with PRM, Managed Bank Solutions, and Water Resource Improvement projects. We handle all aspects of mitigation, from land acquisition to long-term stewardship.

RES is pleased to collaborate with **M&N** for coastal engineering services. While RES provides scientific expertise in benthic surveys, habitat assessment, mitigation, environmental permitting, seagrass and mangrove restoration and monitoring, M&N brings extensive experience in coastal engineering and permitting for public and private projects throughout Monroe County. Their portfolio includes projects related to beaches, marinas, piers, bulkhead, and environmental resource mapping.

RES and M&N have a well-established working relationship and are currently partnering on multiple projects, including a mooring field feasibility study, coastal permitting for a "baywalk" in Miami Beach, and designing and permitting a living shoreline at Civic Park in North Bay Village. These collaborations ensure a comprehensive approach to infrastructure, balancing environmental sustainability with excellence in engineering. Through these partnerships, RES continues to provide innovative coastal engineering solutions that enhance resilience, support environmental conservation, and drive sustainable development along Florida's coastlines.

## Industrial Hygiene Services

**EBS** will assist RES with industrial hygiene services on this contract. Industrial hygiene services may include consultation for ensuring compliance with health and safety rules/regulations, as well as conducting asbestos and lead based paint surveys,



abatement or management. Our project manager and the President of EBS have a long-standing relationship that extends over 30 years. EBS' staff are qualified, well-trained and accredited by responsible agencies such as the EPA, States and Technical Organizations, and annually acquire the continuing education to keep abreast of the state-of-the-art information and technologies in their specialties. EBS' scientists, inspectors, indoor air specialists, industrial hygienists and mold assessors have vast experience related to mold and moisture assessment, lead-based paint inspection, asbestos survey, indoor air quality investigation and accumulated dust sampling for common allergens. While RES as a company does not do industrial hygiene work, many RES staff have backgrounds from previous firms in asbestos, lead based paint and mold assessments. This will allow RES and EBS to collaborate together to figure out the best options if issues arise.

## Proposed Management Approach to Services and QA/QC Procedures

**Contract Management.** RES' management philosophy is based on listening to City staff and understanding the City's business and technical needs, budgetary constraints, staffing needs, and project deadlines. We will develop project-specific scopes to satisfy these necessities, combining experience with ingenuity to develop the best solution for each situation. We consider efficiency of design, quality of work, and on-time performance essential principles. Our aim is to provide accurate information and sound solutions that satisfy the needs of the City, regulatory agencies and the public. RES can mobilize teams to simultaneously complete multiple projects. We have successfully managed projects ranging from simple studies to large multi-disciplinary projects. The goal of our management system is to provide quality service that is responsive to the client's needs, is on time, and is within budget.

Our organizational structure enables the project manager, Jen Savaro, to serve as your single point of contact; to provide overall contract management; and to oversee project execution in a centralized manner. If appropriate for smaller tasks, Ms. Savaro may assign a project coordinator for managing simultaneous projects. In these instances, the project coordinator may handle the day-to-day execution of the project. This process will ensure that an integrated approach is used in executing individual task orders. Upon receipt of a task order from the City, Ms. Savaro will review the task order; provide the fee estimate; and schedule the workflow. Ms. Savaro will then assemble and mobilize the appropriate professional and technical team members for executing the work. She will monitor and report the status of schedule, budget, technical quality and overall performance directly to the City's project manager. Ms. Savaro excels at proactively working to avoid or mitigate project problems before they adversely affect the performance of the assigned services.

In order to provide services expeditiously at the request of the City, our management approach also includes the partnership with Perez, a local engineering firm that we have an established working relationship. RES will be able to access local representatives to send to a project or City office to respond right away and to further develop and refine the next steps to meet any of the City needs.

**QA/QC Procedures.** QA/QC is incorporated into each facet of our services, from the first phone call to the final invoice. The ultimate purpose of our QA/QC Plan is to provide the City with the confidence that all services are performed in accordance with project scope, applicable technical specifications, and industry standards and that quality assurance is integral to every step of our process. RES has achieved excellent success with similar contracts due to our detailed, structured approach to controlling quality.

Our Project Manager, Ms. Savaro, is accountable for all aspects of the project, including adherence to our quality standards for the performance of our services. Each proposal, report, or other document prepared that contains engineering or scientific evaluation, interpretation, or professional judgment must be reviewed by two individuals, at least one of whom must be a RES qualified QA/QC reviewer with qualifications and experience relevant to the area of work. On this contract we are providing two extremely qualified QA/QC officers Ms. Nadia Locke (formerly the project manager for this contract) and Mr. James "Jim" Orioles our RES Florida Chief Engineer. There are other QA/QC officers in RES who may also assist on this contract.

## Tab G Sworn Statements and Affidavits

RES has included the following signed forms in **Appendix 2**.

- Anti-kickback Affidavit
- Non-Collusion Affidavit
- Sworn Statement Pursuant to Section 287.133(3)(A), on Public Entity Crimes
- Equal Benefits for Domestic Partners Affidavit
- Affidavit Attesting to Noncoercive Conduct for Labor or Services
- Cone of Silence Affidavit
- Vendor Certification Regarding Scrutinized Companies Lists
- Indemnification Form
- Local Vendor Certification
- E-Verify Affidavit
- Addenda Acknowledgements



# Appendix 1

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## Key Personnel Resumes



## Jen Savaro, MS

### Project Manager / Senior Scientist

Ms. Savaro is the Coastal Division Manager and a Senior Scientist specializing in natural resource assessments, permitting and certified arborist services. She provides numerous ecological services to clients, including the following: marine and estuarine habitat assessments; coastal habitat assessments and permitting; upland habitat assessments and permitting; GPS data collection and GIS mapping and NEPA document preparation.

Ms. Savaro is a NAUI Divemaster, with over 15 years of diving experience. She leads the dive team at RES. Ms. Savaro is trained in sampling and analytical techniques for field data collection, water quality sampling and assessment and species identification, including seagrass, coral, octocorals, fish and mangroves.

Additionally, Ms. Savaro provides support for the FDOT District Four NPDES program, to ensure compliance with their Phase I and Phase II MS4 NPDES permits and preparation of Bacteria Pollution Control Plans. Ms. Savaro also conducts Phase II Environmental Site Assessments. She is experienced in FDEP SOPs and has conducted field sampling efforts including air, soil and groundwater sampling.

Her prior experience included performing tree/landscape reviews and comments, preparing after-the-fact tree permits, and conducting tree surveys as a regulator for Miami-Dade County Department of Regulatory and Economic Resources.

### SELECT WORK EXPERIENCE

#### *Salt Ponds Feasibility Study, City of Key West, Monroe County, Florida*

The City of Key West wishes to construct a bicycle/pedestrian boardwalk from Government Road over the Salt Ponds to the Smathers Beach area to the south. The purpose of the proposed project is to allow local access to the beach without using roadways, which would be particularly beneficial to children and reduce bicycle/pedestrian and vehicle conflicts, enhancing transportation safety. RES was engaged to analyze the benthic and existing conditions present in the Salt Ponds, present the preferred alternative and assess the likelihood of acquiring state and federal permits. Ms. Savaro was the project manager, led the benthic surveys and prepared the feasibility study report.

#### *Garrison Dock Benthic Survey, Key West, Monroe County, Florida*

RES conducted a benthic survey for the City of Key West's fire station docks located in Garrison Bight and provided permitting support. Ms. Savaro is the project manager, conducted the benthic survey and prepared the benthic survey summary report.

#### *Cow Key Channel HDD Monitoring, Key West, Monroe County, Florida*

FCAA conducted Horizontal Directional Drilling (HDD) under the Cow Key Channel for utility installation. The Cow Key Channel Bridge spans from the islands of Stock Island to Key West, Monroe County, Florida. The Florida Keys National Marine Sanctuary required a pre- and post HDD benthic survey to document the presence of benthic resources and confirm they were not disturbed during the HDD process. RES conducted benthic surveys associated with horizontal directional drills under Cow Key Channel for utility installation. Ms. Savaro led the benthic surveys, prepared the Benthic Survey Assessment Reports and was the project manager for the post-HDD benthic survey.

#### *Ocean Key Dock and Seawall, Key West, Monroe County, Florida*

The Ocean Key Resort is proposing catamaran docks, a dock adjacent to the seawall, and improvements to several parts of the property adjacent to Key West Harbor in Key West, Florida. RES was engaged to conduct a benthic assessment in the boat basin where dock changes are proposed and along the seawall. Ms. Savaro was lead scientist for the benthic surveys and prepared the Benthic Survey Assessment Report.

### AT A GLANCE.

#### Contact

jsavaro@res.us | 610.304.2165

#### Years of Experience

12 years

#### Education

- MS, Marine Biology and Coastal Zone Management, Oceanographic Center, Nova Southeastern University (2015)
- BS, Marine Science, Marine Biology Specialization, Environmental Science minor, Marine Science Department, Coastal Carolina University, 2011

#### Certificates | Licenses

- AAUS Scientific Diver #31233
- Dive Master (NAUI) #57565
- ISA Certified Arborist FL-6779A
- Landscape Inspector No. 2019-229
- FWC Authorized Gopher Tortoise Agent No. GTA-17-00057A
- OSHA 40 Hour HAZWOPER/8-Hour Refresher
- WEDG Associate
- DAN CPR & First Aid (BLS) Instructor
- ERP Oxygen Provider



## **Nadia G. Locke, PE, LEED AP**

### **Senior Environmental Engineer**

Ms. Locke has been providing professional environmental and engineering consulting services for over 30 years. During her career, she has worked in many facets of environmental consulting including Project Development and Environment (PD&E) Studies, environmental audits, site assessment and remediation, stormwater design, sanitary sewer planning, environmental permitting, climate change impact evaluation, grant assistance, wetland mitigation design, endangered species relocations, Brownfields, community involvement, and training. Ms. Locke has provided litigation support for the FDOT, Miami-Dade Aviation Department, Barry University, and private entities.

She has been engaged in Brownfields since the inception of the program and has been conducting Phase I environmental site assessments, contamination assessments, and remediation in Florida since the late 1980s. Her work for both the public and private sectors provides her with a unique understanding and practical approach to implementing cleanups both inside and outside of the Brownfields program. She has conducted public involvement and outreach on a variety of projects and behalf of the community or non-profit organizations.

Ms. Locke has been working on transportation and stormwater management projects in South Florida for over 25 years. As an engineer who works closely with scientists, she brings an understanding of the environmental, ecological, and permitting issues associated with roadway design, construction, and commitments.

### **SELECT WORK EXPERIENCE**

#### *Truman Waterfront Park Environmental Consultation, City of Key West, Monroe County, Florida*

The City of Key West Naval Properties LRA was engaged in the acquisition, planning and permitting of the redevelopment of a portion of the former U.S. Navy Truman Waterfront base since 1995 as allowed by the Federal Government's Base Realignment and Closure process. RES reviewed the contamination assessment and remediation history of these parcels to ascertain and assist the City in understanding existing and proposed land use restrictions to determine the requirements for site development and use as a public park. RES developed a soil and groundwater management plan to address contamination issues during construction and to communicate the engineering controls that will be required to be installed and maintained. This process involved coordination with the Navy and its consultants and the FDEP while providing technical support during the bidding and award of the construction. RES also provided support during construction. Ms. Locke was the senior technical reviewer for this project.

#### *Environmental Engineering Services, Islamorada, Village of Islands, Monroe County, Florida*

Ms. Locke has provided a range of environmental engineering services for the Village. This has included QA/QC, conducting reviews of designs of stormwater management systems for proposed development projects for compliance with local codes and state regulations, development and administration of advertising, selecting and contracting with their wastewater operator, conducting a wastewater treatment alternatives analysis and participation in numerous public meetings.

#### *Florida Keys Overseas Heritage Trail, Class of Action Determination, FDOT District Six, Monroe County, Florida*

RES provided environmental support to the FDEP Office of Greenways and Trails for the construction of a 106-mile pedestrian bicycle path, built in phases, from Key Largo to Key West. Ms. Locke provided technical review for class of action determination and permitting plan documents developed by RES personnel for the Florida Keys Overseas Heritage Trail.

#### *General Environmental Engineering Services, City of Fort Lauderdale, Broward County, Florida*

Ms. Locke is the contract manager for this continuing services contract. Services conducted include emergency response during construction of a fire station; Phase I and Phase II ESAs / opinion of post landfill closure costs; endangered species surveys; burrowing owl permitting and relocation; benthic surveys; and indoor air quality / asbestos surveys. Some services have been provided to assist in ensuring environmental compliance for LAP projects.

### **AT A GLANCE.**

#### **Contact**

nlock@res.us | 954.937.9678

#### **Years of Experience**

36 years

#### **Education**

- BS, Materials Science and Engineering, University of Florida, 1988

#### **Certificates | Licenses**

- Registered Professional Engineer, Florida #58676 | Received: 2002
- LEED AP Neighborhood Development
- Certified FDEP Stormwater, Erosion, and Sedimentation Control Inspector #3263 and Instructor #130
- OSHA 40 Hour HAZWOPER / 8 Hour Site Supervisor
- PADI Advanced | NAUI Open Water Diver



## **Kathryn D. Eisnor, LEP**

### **Contamination Lead / Senior Scientist**

Ms. Kathryn Eisnor is an environmental professional with a wide range of experience in the environmental industry. She has managed and executed a wide variety of environmental projects that are multi-faceted and include elements such as: Phase I and Phase II ESAs; emergency response and clean-up of petroleum and other hazardous substances; indoor air quality assessments, safety training and industrial hygiene evaluations including noise studies, odor complaint evaluations, site assessment, remediation and redevelopment of contaminated properties. She also has experience with NEPA evaluations for a variety of federal agencies including the EPA, Bureau of Indian Affairs, HUD, FDOT, Indian Health Services, FWS, Health Resources and Services Administration and USACE, which included working with members of these federal departments to complete the evaluations. Management and oversight of mold assessment and remediation in hotels and commercial buildings as well as residential mold remediation; and asbestos inspections for due diligence, demolition, and asbestos hazard emergency response act inspections in schools.

### **SELECT WORK EXPERIENCE**

#### *Phase I and Phase II ESAs, Various Clients, Various Locations, Florida*

Ms. Eisnor has managed, conducted or reviewed Phase I ESAs for sites located throughout Florida on a variety of sites from vacant agricultural, entire residential and mixed communities, industrial properties, and golf courses. She has also conducted peer review for reports completed by others for a site in Russia and one in Costa Rica to assist the bank lender.

#### *General Environmental Engineering Services, City of Fort Lauderdale, Broward County, Florida*

Ms. Eisnor is a project manager for this continuing services contract for general environmental engineering consulting services for the City of Fort Lauderdale. Services conducted include emergency response during construction of a fire station; Phase I and Phase II ESAs; NEPA reviews for city street projects, and contamination assessment and remediation projects.

#### *Pompano Beach CRA Environmental Engineering Services, City of Pompano Beach, Broward County, Florida*

Ms. Eisnor serves as project manager for services on this contract. RES conducted Phase I and Phase II ESAs for several parcels in preparation for the CRA's redevelopment planning. As well as NEPA reviews in support of grant funding opportunities.

#### *North Bay Village-Civic Park Site Assessment, North Bay Village, Miami-Dade County, Florida*

North Bay Village is conducting site improvements at Civic Park and existing park. As part of the park site improvements plans for drainage improvements were submitted to Miami-Dade County DERM for review. DERM is requiring that a Phase I ESA and soil and groundwater be sampled at the park where drainage improvements are required. RES conducted the historic review of the property as well conduct soil borings and install groundwater monitoring wells in support of the Class VI permitting required.

### **AT A GLANCE.**

#### **Contact**

keisnor@res.us | 954.464.4564

#### **Years of Experience**

19 years

#### **Education**

- BSc, Earth Sciences, Dalhousie University, 2002
- Indian Country Environmental Hazard Assessment, United Tribes Technical College, 2012

#### **Certificates | Licenses**

- Licensed Environmental Professional #370

#### **Additional Information**

- 40-Hour OSHA HAZWOPER Training
- 10-Hour OSHA Construction Training
- 8-Hour OSHA Health and Safety Refresher Training
- 8-Hour OSHA Site Supervisor Training
- 8-Hour OSHA Incident Commander
- 24-Hour Emergency Response Technician
- HAZWOPER Train-the-Trainer
- CPR and First Aid
- Indian Country Environmental Hazard Assessment Program
- USACE Jacksonville District Corps of Engineers, Regulatory Division Federal Wetland Delineation and Jurisdiction
- FDEP Stormwater, Sediment, Erosion Control Inspector #21246 and Instructor # 588
- FEC Railway Worker Protection Training
- RTA Contractor Safety Training





## James “Jim” Orioles, PE

### Chief Engineer

Mr. Orioles is a chief engineer with RES with experience on a variety of environmental and engineering projects. His key strengths are in the areas of project management; environmental compliance; environmental risk management; contamination assessment and remediation; public utilities management; design, permitting and construction of water main, force main, reclaimed water main, raw water main and gravity sewer; design and permitting of water and wastewater treatment facilities; industrial wastewater design and permitting; NPDES compliance and permitting; SPCC plans and compliance; construction management, administration and CEI services; stormwater management and storm sewer design; water resources and water quality consulting; master plan development; mitigation bank design, permitting and construction; and limerock mining permit compliance. Mr. Orioles successfully completed the year-long Florida Engineering Leadership Institute course offered by the Florida Engineering Society. He has extensive permitting experience and has assisted clients with utility permitting, environmental resource permitting, water use and consumptive use permitting, NPDES permitting, industrial wastewater permitting, mitigation bank permitting, and USACE dredge and fill permitting.

### SELECT WORK EXPERIENCE

#### *Design Engineering Consultant, Islamorada, Village of Islands, Monroe County, Florida*

As the design consultant engineer for the Village, Mr. Orioles managed a team of engineers that reviewed site plans for stormwater drainage and utilities for new construction in accordance with Village ordinances and land development regulations, FDEP regulations, SFWMD regulations and general engineering practices. Projects reviewed included: the Islander Resort, Harbor Lights, Holiday Isle, Green Mini Warehouse, Island Christian School, Sunset Watch, Venezia Property I, Venezia Property II, Hertel Property, Paradise Yoga, Woods Corner, Lorelei Office, Lorelei-Strattons Subdivision, Bauer's Atlantic Street Development, Sea Isle Resorts, LMK Fire Station 19, Casa Morada, Sea Breeze Mobile Home Park, N&N Retail, Caribbean Resort, La Siesta Resort, Watermark Marina, Cheeca Lodge & Spa, and the Islamorada Administrative Center and Public Safety Headquarters.

#### *Jose Marti Park Adaptive Re-Design, City of Miami, Miami-Dade County, Florida*

RES has been engaged to provide environmental engineering and ecological services related to the natural systems restoration and innovative stormwater collection and treatment system design that include living shoreline, living seawall, habitat restoration and green infrastructure components for the park's Adaptive Master Plan. RES is providing environmental science, engineering and ecological considerations and design for the living shoreline, living seawall, habitat restoration and green infrastructure components of the project. Mr. Orioles provides QA/QC and technical leadership for this project.

#### *Canal Water Quality Improvement, Islamorada, Village of Islands, Monroe County, Florida*

This project included summarizing water quality data that had been collected as part of Islamorada's monitoring program, analyzing data for trends, and examining possible treatment technologies. Mr. Orioles collaborated with agencies in the Keys to recommend water quality improvement treatment technologies that were expected to be permitted.

#### *UST Removal for Volusia County Vehicle Maintenance DeLand Road and Bridge Facility, Volusia County, Florida*

As senior engineer, Mr. Orioles provided construction oversight for the removal of four abandoned USTs discovered during source removal activities at the DeLand Road and Bridge Facility. He prepared the UST Removal Report for submittal to Volusia County.

### AT A GLANCE.

#### Contact

jorioles@res.us | 407.481.9006

#### Years of Experience

25 years

#### Education

- MS, Environmental Engineering, University of Central Florida, 1999
- BS, Environmental Engineering, University of Central Florida, 1998

#### Certificates | Licenses

- Professional Engineer, Florida #60206 | Received: 6/2003; LA #33335 | TX #106555
- NCEES Certification – Record #33449
- Certified FDEP Stormwater, Erosion & Sedimentation Control Inspector #3264 and Instructor #530
- OSHA 40 Hour HAZWOPER / OSHA 8 Hour HAZWOPER IAW

#### Additional Information

- ASCE, Member Since 1996
- American Waterworks Association (AWWA) – Member Since 1996
- Water Environment Federation (WEF) – Member Since 1996
- Florida Engineering Society (FES) – Member Since 2008



## **Flormari Blackburn, PE**

### **Senior Engineer**

Ms. Blackburn is a senior engineer with technical strengths in standards and regulations governing Phase I and II ESAs, site assessments, storage tank closure/removals, remediation of petroleum-contaminated and hazardous waste sites, source removals, initial remedial actions, emergency response, brownfield redevelopment projects, groundwater monitoring and spill prevention control and countermeasure plans. She has managed technical staff and has a wide range of experience in project management, budget management and technical oversight of projects. She has conducted operational audits to assess environmental liabilities and management, operational, and environmental issues related to Resource Conservation and Recovery Act waste management, past and current disposal practices, and environmental compliance with respect to water, soil waste, hazardous waste, and spill prevention and control. Types of facilities have included service stations, bioagricultural facilities, transportation centers, airports, prisons, military bases, printing operations, golf course maintenance areas, sanitary waste treatment plants, potable water treatment plants, heavy equipment and vehicle maintenance facilities, and several fuel farms.

### **SELECT WORK EXPERIENCE**

#### *Continuing Professional Services for Environmental Site Assessment and Remediation, Orange County, Florida*

Ms. Blackburn serves as the project manager for this continuous services contract. Throughout this contract, RES has been completed Phase I/II Environmental Site Assessments, site assessments, remedial action activities, natural attenuation monitoring, Spill Prevention Control and Countermeasure Plans, storage tank system management and closures, source removals, emergency response, and landfill monitoring and permitting. The Phase I and II ESA have been conducted for the Public Works Division, Environmental Protection Division and Real Estate Management Division. Locations have included undeveloped parcels some of which have needed the use of drones due to accessibility, road ways, trails, and residential properties. As project manager, Ms. Blackburn's responsibilities include preparing cost proposals, monthly project updates to maintain a constant flow of communication between RES and Orange County, managing team's technical efforts, reporting, and invoicing.

#### *General Environmental Services, Seminole County, Florida*

Ms. Blackburn currently serves as one of the two project managers for this contract that is now in its third five-year term. Phase I and Phase II ESAs are a large component of the contract, with recent projects consisting of land purchases to support the construction of a sports complex and a fire station in Lake Mary, stormwater ponds in Sanford and roadway expansions in Altamonte Springs. Other Phase I and Phase II ESAs conducted under this contract include golf courses purchased by the County in Longwood (Rolling Hills and Wekiva) and Casselberry (Dear Run). These projects were conducted for Seminole County Leisure Services Department and Ms. Blackburn was the project manager for these projects. Each of these projects included assessment of contaminated soil or groundwater in the maintenance area and conducting remedial operations to address the impacted areas.

#### *Thomas Lumber, City of Orlando, Orange County, Florida*

Ms. Blackburn serves as the engineer of record for this project that started with a Phase I ESA that identified the historic presence of an UST on the Site. Phase I and Phase II ESA confirmed groundwater contamination. A SAR, including delineation of the groundwater impacts and testing of aquifer parameters, was conducted and approved by the Orange County Environmental Protection Division. Ms. Blackburn also prepared the RAP for the site.

### **AT A GLANCE.**

#### **Email**

fblackburn@res.us | 407.467.6433

#### **Years of Experience**

36 years

#### **Education**

- BS, Chemical Engineering, University of Florida, 1988

#### **Certificates | Licenses**

- Registered Professional Engineer, Florida #47738 | Received: 1994

#### **Additional Information**

- HAZWOPER 40 Hour Certification
- HAZWOPER 8 Hour Supervisor OSHA Confined Space Entry
- Florida Brownfields Association, Member
- Central Florida Association of Environmental Professional, Board Member
- Orange County Environmental Protection Commission – Former Board Member



## **Junnio Freixa**

### **Scientist III**

Junnio Freixa is a scientist and project manager providing support in field investigations, environmental site sampling, and Phase I and Phase II ESAs, regulatory reporting, and GIS applications. He is experienced in FDEP SOPs and has conducted field sampling efforts including air, soil and groundwater sampling. Mr. Freixa supports the environmental team in preparing regulatory reports, drafting GIS figures, data validation and evaluation and field activities.

### **SELECT WORK EXPERIENCE**

#### *Little Palm Island Associates Natural Resource Assessment, Monroe County, Florida*

RES was engaged by Little Palm Island Associates to conduct a Natural Resource Assessment for the power pole replacement project in Monroe County, Florida. Mr. Freixa served as the FAA-certified pilot, conducting two seagrass monitoring events at the project site. Aerial photographs were captured to produce an orthomosaic, which, combined with an in-water benthic survey, was used to map the extent and boundaries of the seagrass beds to identify bare areas to install new replacement power polls.

#### *PortMiami Environmental Permit Compliance Support Services, Miami-Dade County, Florida*

RES was engaged by Fincantieri Infrastructure Florida, Inc. to provide permit compliance support for the proposed improvements to cruise ship berths 8 and 9 at PortMiami in Miami. RES conducts turbidity monitoring and endangered species monitoring in general accordance with the permits issued for the project. Mr. Freixa conducted sheet piling inspections for turbidity leaks using an Underwater Remotely Operated Vehicle (ROV) and an aerial drone (DJI Mavic Pro 2).

#### *Taylor Park Design Criteria Professional Services, Miami-Dade County, Florida*

Miami-Dade County Department of Solid Waste Management engaged RES to complete the necessary assessment and remediation of Taylor Park. A Remedial Action Plan was approved by FDEP. Mr. Freixa provided oversight for the remediation activities to ensure consistency with the approved remediation plan, conducted the dust and air monitoring at the construction site during excavation activities, and drafted construction Progress Reports and Air Monitoring Reports for submittal to DERM.

#### *Taft Street Phase II ESA, City of Pembroke Pines, Broward County, Florida*

RES was engaged by Seagull Taft LLC (our Client) to perform a Phase II ESA of this property. RES evaluated the potential presence of contamination based on the findings documented in a Phase I ESA. Mr. Freixa conducted soil and groundwater sampling.

#### *Hollywood North Beach Park Mooring Fields, Broward County, Florida*

RES performed sediment sampling activities to assist Broward County Parks and Recreation Division with sediment analysis of approximately 12,000 cubic yards of material to be dredged from the Hollywood North Beach Park Mooring Field area. The County engaged RES to evaluate if the material is contaminated, non-contaminated, or hazardous waste and its potential for re-use. Mr. Freixa coordinated and performed the sediment sampling using an AMS Soggy Bottom sediment core sampler. He also drafted the Sediment Characterization and Disposition Evaluation Letter Report for this project. RES was also engaged to conduct benthic resource and mangrove delineation survey for this project. Mr. Freixa also assisted with the GIS mapping components for this project.

### **AT A GLANCE.**

#### **Email**

jfreixa@res.us | 754.778.0487

#### **Years of Experience**

7 years

#### **Education**

- BA, Environmental Studies, Florida International University, 2012

#### **Certificates | Licenses**

- FAA Drone Pilot Certificate No. 4682797
- FDEP Stormwater Erosion and Sedimentation Control Inspector
- Advanced Open Water Diver

#### **Additional Information**

- Underwater ROV Operator
- Postbaccalaureate Certificate in GIS
- OSHA 40 Hour HAZWOPER
- Part 46 MSHA Surface Mine Training
- Spotter Training for Solid Waste Facilities
- Enriched Air Diver
- Emergency Oxygen for Scuba Diving Injuries
- BLS/CPR and First Aid



## **Katherine Larsson, MS**

### **Scientist III**

Ms. Larsson is a scientist III with experience in wetland delineations, mitigation monitoring, threatened & endangered species surveys, construction and compliance observations, benthic resource surveys, due diligence reports, and environmental permitting for federal, state, and local agencies.

She is a certified PADI Instructor with over 10 years of diving experience with extensive knowledge of diving techniques and scientific diving applications in freshwater and marine environments.

### **SELECT WORK EXPERIENCE**

#### *Water Quality and Benthic Vegetation Monitoring in Village Canals, Islamorada, Village of Islands, Monroe County, Florida*

Islamorada engaged RES to conduct water quality and benthic surveys twice a year to evaluate surface water quality improvement projects in residential canals within Islamorada. Ms. Larsson assisted with water quality sampling and benthic resource surveys.

#### *Miami Mooring Field Design and Permitting, City of Miami Beach, Miami-Dade County, Florida*

RES is providing environmental and engineering support for the City of Miami Beach to develop a mooring field. The scope of this project includes agency meetings, evaluating management options, and upland support facilities. Ms. Larsson assists with desktop reviews, city/agency coordination, and permitting applications.

#### *SR-A1A at Big Mud Creek and Blind Creek Bridges, FDOT District Four, St. Lucie County, Florida*

FDOT District Four is proposing the replacement of existing SR-A1A (Ocean Boulevard) bridges over Big Mud Creek and Blind Creek (Bridge Nos. 940003 and 94004, respectively). The bridges are located in Jensen Beach, St. Lucie County, Florida. The bridges are structurally deficient, as determined by the FDOT bridge inspection reports dated December 14, 2022. The limits of the study extend from the north and south approaches for each bridge, and the extent of each bridge, a distance of approximately 0.45 miles. Ms. Larsson assisted the project manager with the preparation of the natural resources evaluation report.

#### *Wabasso Causeway Mitigation Feasibility Study, FDOT District Four, Indian River County, Florida*

RES is conducting a mitigation feasibility study for FDOT District Four and is exploring seagrass mitigation options at the Wabasso Causeway Bridge. Ms. Larsson assisted with updating the benthic resource survey and mitigation scoring for project permitting.

#### *Coastal Oaks Pond Mitigation Feasibility Study, FDOT District Four, Broward County, Florida*

RES is conducting a mitigation feasibility study to evaluate the benefits of enhancing an existing stormwater retention pond to provide a more "naturalized" aesthetic. The goal of the study is to evaluate the scope, cost, and benefit of the pond enhancement. Ms. Larsson will assist with permit application preparation and submission to regulatory agencies.

#### *Seven Seawalls, City of Miami Beach, Miami-Dade County, Florida*

RES is providing environmental and engineering support for the City of Miami Beach to repair and replace dilapidated bulkheads and seawalls while removing mangroves established along the shorelines. Ms. Larsson assisted with the field inspections and permit application preparation.

### **AT A GLANCE.**

#### **Contact**

klarsson@res.us | 754.778.0493

#### **Years of Experience**

3 years

#### **Education**

- MS, Marine Science, Marine Biology & Marine Environmental Science Concentration, Nova Southeastern University, 2022
- BS, Biology, Marine Biology & Environmental Science Concentrations, Biological Diver Minor, Saint Francis University, 2018

#### **Certificates | Licenses**

- PADI Master Scuba Diver Trainer #393414 (Inactive)
- PADI Specialty Instructor (Inactive)
- PADI Open Water Scuba Instructor (Inactive)
- EFR CPR & First Aid Instructor
- ERP Oxygen Provider Instructor
- Certified FDEP Stormwater, Erosion, and Sedimentation Control Inspector #56500

#### **Additional Information**

- Florida Association of Environmental Professionals (FAEP) – Member
- South Florida Association of Environmental Professionals (SFAEP) – Member





## **Matthew M. Martin, GISP**

### **Senior Scientist**

Mr. Martin is a senior scientist with experience in environmental planning, assessment, and restoration. He has experience coordinating complex projects and working directly with clients to achieve project goals and ensure timely delivery of project deliverables. His ecological experience includes environmental resource permitting, threatened and endangered species surveys and monitoring, wetland delineation, monitoring, and restoration, wetland mitigation site planning, monitoring, and reporting, coastal/shoreline habitat monitoring and restoration, NEPA studies, biological monitoring for offshore pipeline cover remediation, lake management and aquatic restoration.

Mr. Martin has experience in environmental efforts that include soil, sediment, groundwater assessment and remediation, oversight of soil excavation, dredge operations, and in-situ chemical oxidation injections, data analysis, evaluation and reporting, oil spill response and reporting in accordance with the National Incident Management System, ecological risk assessment, bird monitoring, air quality monitoring and assessment, and noise exposure monitoring and assessment.

He is also proficient in geospatial efforts including ArcGIS software, geospatial analysis and modeling, web-based mapping and web application development, utility mapping and GPS data collection and analysis, geodatabase management, and raster analysis for wetland and habitat assessment.

### **SELECT WORK EXPERIENCE**

*SR 520 PD&E and Shoreline Restoration Feasibility Study, FDOT District Five, Brevard County, Florida*

Mr. Martin served as a Senior Scientist, performing an evaluation of the existing shoreline conditions based on data provided by the University of Central Florida.

*Palm Bay Channel Dredge Feasibility Study, City of Palm Bay, Brevard County, Florida*

Mr. Martin conducted an environmental assessment for a proposed dredge project under evaluation by the City of Palm Bay's Bayfront Community Redevelopment Agency. He provided an environmental constraints analysis including identification of benthic marine resources such as wetlands and seagrasses and provided a habitat evaluation to assess the potential for occurrence of federal and/or state listed species.

*Florida Gas Transmission, Pipeline Management, Various Locations, Florida*

Mr. Martin performs ecological and contaminated site evaluations for proposed pipeline anomaly dig areas. Site evaluations include desktop GIS analysis, field evaluation of wetlands and listed species within the proposed construction areas, GPS data collection, and reporting.

*Beach Corridor Rapid Transit Project Tier 2 PD&E Study, Miami-Dade County, Florida*

Mr. Martin provided diving support and benthic survey support for the Beach Corridor Rapid Transit Project. He performed sea grass and coral surveys within the project corridor, documenting species occurrence and areal cover.

*Baywalk Benthic Resources Survey, Environmental Engineering Continuing Services, City of Miami Beach, Miami-Dade County, Florida*

Mr. Martin provided diving support and benthic survey support for the Beach Corridor project. He performed sea grass and coral surveys within the project corridor, documenting species occurrence and areal cover.

*Palmetto Pointe Phase I, Atlantic Housing Partners LLLC, City of Ormond Beach, Volusia County, Florida*

Mr. Martin provided ecological assessment/permitting and environmental due diligence support for the Palmetto Pointe Phased development project. He also performed field surveys for gopher tortoise and the Florida scrub-jay. Additional support included GIS mapping and reporting.

### **AT A GLANCE.**

#### **Email**

mmartin@res.us | 407.481.9006

#### **Years of Experience**

26 years

#### **Education**

- BS, Marine Environmental Science, Coastal Carolina University
- Graduate Certificate in GIS, University of Central Florida

#### **Certificates | Licenses**

- GISP Certification No. 160737
- FWC Authorized Gopher Tortoise Agent GTA-21-00023
- FDEP Wetland Delineation Training Course
- Princeton Groundwater Pollution and Hydrology
- FDEP SOP Sampling Training for Groundwater, Surface Water and Wastewater
- HAZWOPER 40-Hour
- Advanced Open Water Dive Certification



## Patrick Shearer, PE

### Senior Engineer

Mr. Shearer is a project manager and senior engineer with experience in civil, environmental and water resources engineering. His technical experience is rooted in nature-based habitat restoration, resiliency and urban stormwater retrofits, green infrastructure, and water quality improvement projects related to impaired rivers, bays, and estuaries. He has experience successfully completing environmental studies and analyses including watershed-based studies for hyper urbanized and environmentally sensitive areas, wetland mitigation banking documents and plans, hydrologic and hydraulic (H&H) modeling, stormwater / watershed management plans, shoreline stabilization and living shoreline plans, stream assessments, stream restoration plans, and water resource related technical reports. He is experienced in ecological restoration including wetland restoration, stream restoration, oyster restoration, and living shoreline projects in both freshwater and estuarine ecosystems, including the restoration and creation of tidal channels, and living seawalls for hyper-urban areas. Mr. Shearer has provided project management, planning, feasibility, engineering evaluation and design, survey and geotechnical testing coordination, modeling, permitting, and construction administration for the above types of urban and natural resource projects. He has experience in mitigation credit trading in wetlands and stormwater, carbon reduction, stormwater inspections, urban forestry, Florida Bonneted bat studies, wetland delineations, State and Federal stream and wetland permitting, SWPPPs, construction management, CEI services, environmental compliance support, NPDES, ERP, water use permitting, mining evaluations, and environmental compliance. Mr. Shearer is also experienced with regulatory evaluations for unique projects, alternatives analysis, preliminary and detailed engineering design, grant procurement, bidding assistance, and design peer reviews. He has designed living shoreline, flood protection, and water quality projects which accommodate for sea level rise.

### SELECT WORK EXPERIENCE

#### *Jose Marti Park Adaptive Re-design, City of Miami, Miami Dade County, Florida*

Mr. Shearer is the project manager for this project and the engineer-of-record providing civil / stormwater / environmental engineering, green infrastructure, and nature-based solutions. Mr. Shearer is responsible for leading the innovative urban stormwater retrofits and assisting in the adaptive design for the living shoreline / living seawall waterfront edge.

#### *Stormwater Reviews, Islamorada, Village of Islands, Monroe County, Florida*

Mr. Shearer is the project manager for this contract and manages outside plan review for the Village for technical submittals beyond the Village internal capacity, and RES performs technical review of submitted development projects and issues comment letters for the Village use. RES engineering reviewers have assisted the city to review complex stormwater designs, and permit applications with drainage reports and supporting documents that are submitted to the Village for development permitting. The wide array of re-development and new development projects we have reviewed include large master planning developments, small and large additions / expansions to waterfront sites, substantial redevelopments at waterfront sites and marinas, large park and ecological reserve areas, housing developments including affordable housing, tourist locations, and educational and training camps like the Boy Scouts of America SEABASE which is upgrading its facilities for resiliency and storm protection.

### AT A GLANCE.

#### Email

pshearer@res.us | 785.493.2919

#### Years of Experience

17 years

#### Education

- BS, Civil Engineering – Environmental Option; Natural Resources and Environmental Science, Kansas State University, 2007
- Integrated Stream and Stormwater Wetland Design in Urban Settings Class, Duke University, 2013

#### Certificates | Licenses

- Professional Engineer, FL #79596 | Received: 2015
- Waterfront Edge Design Guidelines Certification WEDG- Assoc.-2020234

#### Additional Information

- FDEP qualified Stormwater Management Inspector #34890
- NCSU Stream Restoration Program Certificate Completion, Raleigh, NC (2009)
- NCSU Tidal Wetlands and Stream Restoration Course, Beaufort, NC (2015)
- Toewood Design and Siting for Stream Restoration, USDA (2015)
- NCSU River Course 401: Construction Practices for Stream Restoration, Raleigh, NC (2013)
- Living Shoreline Design Workshops, Virginia Institute of Marine Science, Yorktown, VA (2011-2015)
- Member – American Society of Civil Engineers (2003 – Present)
- Board of Directors – ASCE Environmental and Water Resources Institute (EWRI), Miami-Dade Branch (2016 – 2022)
- Member – American Water Resources Association, since 2017



## Joshua (JD) Wolfer

### Scientist

Mr. Wolfer is a scientist with experience conducting Phase I and Phase II ESAs in Central Florida. He also has experience with soil and groundwater sampling, monitoring well installation and abandonment, petroleum contamination source removal, and underground storage tank removal sampling.

#### SELECT WORK EXPERIENCE

##### *Continuing Professional Services for Environmental Site Assessment and Remediation, Orange County, Florida*

Under this contract Mr. Wolfer conducts Phase I ESAs for properties that Orange County plans to acquire and utilize for stormwater projects, roadway expansion and preservation projects. He performs the site visit, completes historical and regulatory records review, conducts interviews, then prepares reports for internal review. When required, he has conducted multiple Phase I ESAs concurrently. Mr. Wolfer also conducts field sampling and assists with report writing for Phase II ESAs when required for these properties. He also assists with and occasionally oversees Emergency Responses as required for Orange County Risk Management. When requested, he will respond to a reported petroleum or chemical release with our remedial subcontractor within the required three hours, assess the situation and report his findings to the project manager. He will then oversee required clean up and disposal activities.

##### *Atlantic Housing Partners LLC, Various Locations, Florida*

Mr. Wolfer conducts Phase I ESAs for the parcels planned for development as multi-family housing. He also assists with the Phase II ESAs that are generally completed on former agricultural properties and has taken the lead on one of these Phase II ESAs. These Phase II ESAs consist of the use of direct push technology (DPT) for the collection of soil and groundwater samples and installation and sampling of permanent monitoring wells. Mr. Wolfer has also assisted in the completion of the Phase II reports for projects in Osceola, Seminole and Volusia Counties.

##### *Remedial Action Plan (RAP) Implementation, Fire Station #20, Orange County, Florida*

RES is contracted with Orange County Risk Management to implement the RAP for Fire Station #20. Activities have included a site-specific Health and Safety Plan; baseline sampling of the existing groundwater monitoring wells; abandonment of groundwater monitoring wells not intended for future monitoring; installation of groundwater monitoring wells; injection wells and two of three scheduled injection events. Mr. Wolfer has assisted in baseline sampling, abandonment of monitoring wells and the completion of the reports for this facility.

##### *Mid Coast Aggregates, Sumter County, Florida and Central State Aggregates, Pasco County, Florida*

RES assists these limerock mines with compliance for Individual Water Use permits from the SWFWMD, the NPDES Industrial Wastewater Discharge permits and Environmental Resource Permits from the FDEP, the USACE Individual Permits and all county operating permits. Mr. Wolfer assists with conducting groundwater and surface water sampling as required to maintain compliance with these permits.

##### *Former Cumberland Farms Remediation Services, Seminole County, Florida*

RES is conducting groundwater sampling and quarterly reports required for the Post Active Remediation Sampling at the former Cumberland Farms gas station in Seminole County, Florida. Mr. Wolfer assists with conducting groundwater sampling and quarterly reports on the sampling activities.

##### *Former Polk County Fertilizer Plant, City of Haines City, Polk County, Florida*

RES was contracted by the City of Haines City to perform assessment and remediation activities at a former fertilizer plant. Mr. Wolfer assisted in conducting soil and groundwater sampling, oversight of monitoring well installation and has assisted in completing reports for the FDEP for this facility.

#### AT A GLANCE.

##### Email

jwolfer@res.us | 407.481.9006

##### Years of Experience

2 years

##### Education

- BS, Environmental Studies, University of Central Florida, 2021

##### Certificates | Licenses

- FDEP SOPs for Water Sampling and Groundwater Sampling & Meter Testing
- OSHA 40 Hour HAZWOPER / OSHA 8 Hour HAZWOPER IAW

##### Additional Information

- Habitat for Humanity UCF Chapter 2017 - Present
- Director Special Events 2020 – Present
- Central Florida Association of Environmental Professionals



## Emily Powell, PWS

### Scientist III

Ms. Powell is a scientist III with experience in environmental resource permitting and compliance including reviewing and completing permit applications and engineer plans. Familiar with federal and state She conducts the following activities regularly: Field surveys for listed and endangered species, such as gopher tortoise and bonneted bats; benthic resource surveys for seagrass and coral; mangrove and wetland delineations; mitigation assessments (UMAM, WRAP, WATER, RATIO), on wetlands, mangroves and seagrass; monitoring activities at mitigation bank sites.

### SELECT WORK EXPERIENCE

#### *Little Palm Island Power Poles Replacement, Monroe County, Florida*

Conducted updated benthic survey, prepared updated Environmental Resources report. Prepared and submitted permit applications to USACE and DEP. Coordination with regulatory agencies and clients. Coordination with surveyor to update easement survey and legal. Coordination with DEP on items needed to take project to BOT Governor and Cabinet for approval and state lands issuance.

#### *Angler's Reef Mangrove Trimming, Monroe County, Florida*

Coordinated pre-application meeting with regulatory agencies. Prepared and submitted permitting applications and UMAM and WATER scores. Coordination with SFWMD, USACE, and FPL mitigation bank to ensure credit reservation and permit issuance. Assistance with modifying existing mitigation area and conservation easement.

#### *Florida Keys Aqueduct Authority Mary Rice Service Center, Marathon, Monroe County, Florida*

Conducted mangrove and wetland delineation, habitat assessment, and initial listed species surveys. Prepared maps, and reports including WATER and UMAM scores of existing conditions. Coordinated and participated in SFWMD and USACE pre-application meetings. Prepared and submitted permit application packages. Coordination with regulatory agencies and mitigation banks.

#### *7-Seawalls, City of Miami Beach, Miami-Dade County, Florida*

Conducted mangrove tree delineation and surveys for several proposed seawall replacements. Prepared and submitted permit modifications with USACE and RER. Coordination with regulatory agencies, city and engineers to ensure plan set revisions and permit issuance.

#### *Hollywood SR A1A Drainage Upgrades and Mooring Field, FDOT District Four, Broward County, Florida*

Conducted various field assessments for seagrass and mangroves. Prepared various maps, and reports, including UMAM and WATER scores for existing mangrove conditions and an NRE for this project. This included coordination with the USACE, NMFS, SFWMD and FWS.

#### *Parco Mare Mangrove Mitigation Monitoring, Broward County, Florida*

Conduct quarterly mangrove measurements and monitoring. Prepare and submit quarterly monitoring reports to the County and annual monitoring reports to USACE.

#### *SR-842/Broward Boulevard; FM: 436564-1 Loxahatchee Road, FDOT District Four, Broward County, Florida*

Conducted various Florida Bonneted Bat Limited Roost Surveys, coordinated findings with FDOT District, and conducted an informal consultation with the FWS, and completed associated reports. FM: 446094-1

### AT A GLANCE.

#### Email

epowell@res.us | 443-789-8790

#### Years of Experience

8 years

#### Education

- MS, Marine Biology, Nova Southeastern University, 2016
- BS, Biology, Salisbury University, 2012
- BS, Environmental Science/Marine Science, University of Maryland Eastern Shore, 2012

#### Certificates | Licenses

- Professional Wetland Scientist (PWS) #3913
- Certified Wetland Evaluator (CWE)
- FWC Authorized Gopher Tortoise Agent #GTA-24-00118
- AAUS Scientific Diver
- PADI Rescue Scuba Diver, Nitrox
- DAN Emergency Oxygen Provider
- NAUI CPR/AED/First Aid

#### Additional Information

- Society of Wetland Scientists (SWS)
- South Florida Association of Environmental Professionals (SFAEP)





## **Megan Reising, MS**

### **Senior Scientist**

Ms. Reising is a Senior Scientist specializing in natural resource assessments, threatened and endangered species surveys, construction compliance, benthic resource surveys, and environmental permitting at the federal, state, and local levels. She provides numerous ecological services to clients, including the following: marine and estuarine habitat assessments; coastal habitat assessments and permitting; upland habitat assessments and permitting; GPS data collection and GIS mapping.

Ms. Reising is a scientific diver, with over 10 years of diving experience. Ms. Reising is trained in sampling and analytical techniques for field data collection, water quality sampling and assessment and species identification, including seagrass, coral, octocorals, fish and mangroves.

### **SELECT WORK EXPERIENCE**

#### *Environmental Engineering Continuing Services, City of Miami Beach, Miami-Dade County, Florida*

RES maintains an ongoing contract to conduct miscellaneous environmental services. Tasks conducted include preparation of spill prevention control and countermeasure plans for 12 facilities including pump stations, fire stations, public works yard, Miami Beach Golf Club and the Convention Center and contamination assessment of the green waste facility. Ms. Reising provided support services as needed.

#### *Seven Miami Beach Seawall Rehabilitation Projects, City of Miami Beach, Miami-Dade County, Florida*

RES performed marine benthic and tree inventory surveys at seven seawall locations Miami Beach and acquired environmental permits from SFWMD, RER and USACE. Ms. Reising assisted with preparing the Natural Resources Assessment Report and the permit applications.

#### *Hollywood Mooring Field Support, City of Hollywood, Broward County, Florida*

RES is providing environmental and engineering support for the City of Hollywood to develop a mooring field. The scope of this project includes agency meetings, evaluating management options, and upland support facilities. Ms. Reising assists with desktop reviews, city/agency coordination, permitting applications, and natural resource surveys.

#### *Environmental Surveys Palm Beach Gardens Mosque, Palm Beach County, Florida*

Ms. Reising completed a natural resource due diligence effort including desktop and field review to determine the potential presence of wetlands and protected floral and faunal species. She also completed the associated report discussing potential natural resource permitting and a general discussion of potential mitigation for natural resource impacts.

#### *On-going Technical Support – Former ABC Facility, Tallevast Community, Manatee County, Florida*

RES provides technical support and document review of remediation documents, regulatory correspondence, documents related to planning, independent studies, academic institutional research, and other project related documents. Ms. Reising reviewed and provided technical feedback on the 2022 Wetland Monitoring Reports, agency correspondence, permit activities, and compliance.

#### *Districtwide Mitigation, Wildlife and Environmental Services Contract, FDOT District Four, Florida*

RES assessed impacts to federally- and state-listed species associated with the Natural Resource Re-evaluation Technical Memorandum. Work included reviewing previous listed species reports, data collection and analysis, and providing a Natural Resource Evaluation (NRE) report summarizing the findings. Ms. Reising reviewed previous listed species reports, collected data and prepared the NRE.

### **AT A GLANCE.**

#### **Email**

mreising@res.us | 954.824.0315

#### **Years of Experience**

11 years

#### **Education**

- MS, Biology, Florida Atlantic University, 2013
- BS, Zoology, The Ohio State University, 2011

#### **Certificates | Licenses**

- American Academy of Underwater Sciences (AAUS) Scientific Diver
- PADI Advanced Open Water Scuba Diver, Nitrox
- DAN Oxygen Provider Certification
- CPR/AED/First Aid Provider



## **Allen E. Perez, P.E.**

### **President**

Mr. Perez has more than twenty-five (25) years of experience in roadway design, sanitary sewer systems, stormwater systems, potable water systems, and general civil engineering services. His experience includes the management and technical preparation of master plans, construction documents, permit submittals, and construction services for a wide variety of development activity. Mr. Perez has been providing professional engineering services, from his Key West office, for projects throughout the Florida Keys for over twenty (20) years.

Mr. Perez has experience in providing Civil Engineering services for a variety of private and public sector clients. The following is a summary of some of his current and past public sector continuing services contracts:

- *City of Key West*
  - *General Storm Water and Wastewater Engineer*
  - *Professional Engineering Consulting Services*
- *Monroe County*
  - *General Airport Consultant*
  - *Architectural/Engineering Services for Small Projects*
- *Florida Keys Aqueduct Authority*
  - *General Engineering Services*
- *Monroe County Housing Authority*
  - *General Engineering Services*
- *Key West Housing Authority*
  - *General Engineering Services*
- *Monroe County School Board*
  - *General Engineering Services*
- *Florida Keys Community College*
  - *General Engineering Services*

Mr. Perez's engineering design experience is fairly diversified and includes hydraulic and hydrologic computer modeling of storm water management systems; the design of potable and sanitary utility systems, pump stations, paving and grading design.

### **EDUCATION**

University of South Florida, Bachelor of Science in Civil Engineering, 1992  
University of South Florida, Master of Science in Civil Engineering, 1995

### **REGISTRATIONS**

Registered Engineer – Florida No. 51468

### **HIGHLIGHTED PROJECT EXPERIENCE**

#### **GOVERNMENT & INSTITUTIONAL EXPERIENCE**

Key West High School Backyard  
Tommy Roberts Memorial Stadium  
Gerald Adams Elementary School  
Plantation Key School  
Stanley Switlik School  
Marathon High Athletic Complex  
Horace O' Bryant School  
FKCC Marine Technology Building  
Bernstein Park  
Stock Island Fire Station  
Big Pine Key Fire Station  
Key Largo Fire Station  
Monroe County Public Works Facility  
Monroe County Courthouse, Marathon  
Higgs Beach Master Plan  
Monroe County Schools Transportation Facility  
Monroe County Mosquito Control District Office Building  
Key West City Hall  
Key West Fire Station No. 2  
Marathon Fire Station  
Village Islamorada Fire Station  
Conch Key Fire Station  
Truman Waterfront Redevelopment  
NAVFAC Key West

#### **PRIVATE CLIENTS**

First State Bank  
Capital Bank  
Aids Help  
Habitat for Humanity  
Catholic Charities  
Spottswood Companies, Inc.



## **BENJAMIN S. ESSIEN, PE**

### **PRINCIPAL**

#### **EDUCATION**

Bachelor of Science  
in Mechanical  
Engineering, University  
of Benin  
1980

Professional Engineer,  
Florida  
Asbestos Consultant,  
Florida  
Licensed Mold Assessor,  
Florida  
EPA Asbestos Building  
Inspector & Mgmt Planner  
EPA Asbestos Contractor  
/Supervisor  
40-Hour HazMat OSHA  
29 CFR 1910  
8-Hour HazMat  
Supervisor  
EPA Lead-based Paint  
Risk Assessor

#### **INDUSTRY GROUP AFFILIATIONS**

American Society  
of Civil Engineers  
American Society  
of Mechanical Engineers

**YEARS OF  
EXPERIENCE**  
40+ Years

**Availability 40%**

Mr. Essien, a registered Professional Engineer in the State of Florida has over 40 years of experience of engineering design, project management, environmental consulting and construction. He has served as project manager and/or principal-in-charge for numerous projects including design, construction and inspection of major industrial and public facilities. He is also a licensed Florida asbestos consultant, certified lead-based paint risk assessor and radon measurement specialist with extensive experience in handling all asbestos, lead-based paint, radon and other indoor air quality testing/consulting issues and remediation.

He is an effective and perceptive program/project manager who has won acclaims for both services and professionalism to many clients. With extensive contract administration and quality assurance/quality control (QA/QC) experience, he has administered hundreds of projects including multi-site/task design, construction inspections, contamination assessments, hazardous materials cleanup, etc.

#### **SIGNIFICANT PROJECTS**

**Project Principal: Building 888/35, Miami International Airport, Miami, Florida** - EBS provided various demolition services included planning, contract administration, pre-demolition asbestos survey, preparation of plans for utilities relocation and site grading following demolition; specifications for removal of asbestos-containing materials and demolition of buildings, procurement assistance, project management, project/air monitoring, and supervision of abatement/demolition work, monitoring for compliance, checking on public complaints, preparing daily report, etc. (06/17 – 05/19).

**Project Principal: Building 3030 - C Wing/D Wing Flooring, Miami International Airport, Miami, Florida** - EBS provided asbestos pre-renovation services included planning, contract administration, pre-renovation asbestos survey of the designated renovation areas, preparation report with recommendations for handling the ACMs, cost estimate, assistance with bidding, procurement assistance, project management, project/air monitoring, and supervision of abatement work, preparing daily report, final air clearance, and clearance report, etc. (12/23 – 05/24).

**Project Principal: Jackson Memorial Hospital, 1611 NW 12 Avenue, Miami, FL** - EBS is providing miscellaneous environmental services including pre-demolition or renovation asbestos survey, moisture survey/mold assessments, contamination assessments, and abatement services on as needed basis for various capital improvements. The major tasks conducting the survey – sampling all suspect asbestos-containing materials (ACMs) in the spaces, performing air sampling or monitoring the abatement /remediation work done by the contractors. Also checking compliance, preparing daily reports, etc. (Ongoing).





## **FRANCISCO E. GOMEZ**

### **SENIOR ENVIRONMENTAL SCIENTIST**

Mr. Gomez has over 35 years of experience in the environmental industry including Phase I & II environmental site assessments, preparation of site assessment reports (SARs), remedial action plans (RAPs) and underground storage tanks (USTs), etc. He has managed a variety of environmental assessments and remediation from sample acquisition, hazard assessment, drum inspection, hazardous waste management, hazardous materials disposal and risk assessment through clearance/compliance and final project closeout.

He is a licensed Florida Mold Assessor with substantial expertise in preparation of proposals and reports, cost estimating and training of environmental professionals. Mr. Gomez is also an experienced project manager who has successfully managed some of the most complex multi-site/multi-phase projects including Phase I/II environmental assessments, contamination assessments, contaminated sites remediation, indoor air quality/mold assessments /remediation, asbestos surveys and asbestos abatements, lead-based paint, etc.

#### **EDUCATION**

Bachelor of Science  
in Biological Science,  
Florida State  
University  
1984

Licensed Mold Assessor,  
Florida  
EPA Asbestos Building  
Inspector  
EPA Asbestos Contractor  
/Supervisor  
40-Hour HazMat OSHA  
29 CFR 1910  
8-Hour HazMat  
Supervisor  
EPA Lead-based Paint  
Risk Assessor &  
Inspector

#### **YEARS OF EXPERIENCE**

35+ Years

**Availability 50%**

#### **SIGNIFICANT PROJECTS**

**Project Manager: BAC Leasehold Campus, Miami, FL - for Phase I Environmental Site Assessment** for the Bus Facility which required assessment to evaluate the potential impact to demolition /construction work that may arise due to unknown contaminated sites that maybe in the vicinity or the neighboring properties. EBS conducted the Phase I as per ASTM Standard Practice E 1527-21, and investigated the historic land use at the sites, evidence of contamination past or present, impact of offsite activities and surrounding properties. Prepared a report of our findings with recommendations for the site. A **limited site assessment report (LSAR)** was performed on the site to investigate the potential impacts to the soil on the site. Soil samples were collected in accordance with FDEP Standard Operating Procedures (SOP) for field activities DEP-SOP-001/01 and submitted to the laboratory for analyses. EBS evaluated the laboratory results for compliance with Soil cleanup target limits (CTLs) and prepared the LSAR documenting the findings with conclusions and recommendations, and submitted the LSAR to DERM for review.

EBS also conducted **Pre-Demolition Asbestos Survey** for the 4 buildings to be demolished at the facility. The major tasks conducting the survey – sampling all suspect asbestos-containing materials (ACMs) in the buildings, documentation of the materials conditions, quantities and potential for possible fibers release, photographs and chain-of-custody for samples. During abatement, performing air sampling or monitoring the abatement/remediation work done by the contractors. checking for compliance, checking on public complaints, preparing daily report, etc. (08/23 – 11/24).





## JOSEPH C. CHAN, PE, CGC

### SENIOR PROJECT ENGINEER

#### EDUCATION

Bachelor of Science  
in Civil Engineering, Iowa  
State University  
1981

Professional Engineer, FL  
Professional Engineer, TX  
Professional Engineer,  
MA  
General Contractor  
License, Florida  
Underground Utility &  
Excavator Contractor  
License, Florida  
Advanced Work Zone  
Traffic Control  
Certification

#### YEARS OF EXPERIENCE

43+ Years

**Availability 60%**

Mr. Chan has over forty-three (43) years of responsible and diversified engineering experience in the design and construction management, construction inspection of highway projects. He has demonstrated expertise in management, establishing and maintaining client relationships, solving technical problems, quality control, meeting tight project schedules/budgets, teamwork, and coordination in multi-disciplinary service environments. Mr. Chan has overseen all aspects of planning, production, scheduling, quality control, coordination, invoicing, and client relations.

He is a licensed professional engineer in 3 states including Florida, where he is also a certified general contractor and underground utility & excavator contractor.

#### SIGNIFICANT PROJECTS

**Senior Project Engineer (QA/QC): BAC Leasehold Campus, Miami, FL - for Phase I Environmental Site Assessment** for the Bus Facility which required assessment to evaluate the potential impact to demolition /construction work that may arise due to unknown contaminated sites that maybe in the vicinity or the neighboring properties. EBS conducted the Phase I as per ASTM Standard Practice E 1527-21, and investigated the historic land use at the sites, evidence of contamination past or present, impact of offsite activities and surrounding properties. Prepared a report of our findings with recommendations for the site. A **limited site assessment report (LSAR)** was performed on the site to investigate the potential impacts to the soil on the site. Soil samples were collected in accordance with FDEP Standard Operating Procedures (SOP) for field activities DEP-SOP-001/01 and submitted to the laboratory for analyses. EBS evaluated the laboratory results for compliance with Soil cleanup target limits (CTLs) and prepared the LSAR documenting the findings with conclusions and recommendations, and submitted the LSAR to DERM for review.

EBS also conducted **Pre-Demolition Asbestos Survey** for the 4 buildings to be demolished at the facility. The major tasks conducting the survey – sampling all suspect asbestos-containing materials (ACMs) in the buildings, documentation of the materials conditions, quantities and potential for possible fibers release, photographs and chain-of-custody for samples. During abatement, performing air sampling or monitoring the abatement/remediation work done by the contractors. checking for compliance, checking on public complaints, preparing daily report, etc. (08/23 – 11/24).

**Senior Project Engineer (QA/QC): Richard E. Gerstein Justice Building, 1351 NW 12 Street, Miami, FL:** EBS provided pre-renovation asbestos survey, lead-based paint inspection and fungi mold assessment and testing, prior to and during the planned renovation of the building.



## **VERNON A. SULLIVAN**

### **STAFF ENVIRONMENTAL SCIENTIST**

#### **EDUCATION**

Bachelor of Science  
in Electrical &  
Computer  
Engineering  
Technology  
Miami-Dade College,  
Miami, Florida, 2021

EPA Asbestos Building  
Inspector

40-Hour HazMat OSHA  
29 CFR 1910

#### **YEARS OF EXPERIENCE**

2+ Years

**Availability 60%**

Mr. Sullivan has over 2 years of experience in engineering technology and asbestos building inspection, bulking sampling, supervision of asbestos abatement, project/air monitoring. He has assisted with Phase I and Phase II Environmental Site Assessments including field reconnaissance, site plan preparation, soil and groundwater sampling, etc. He has conducted numerous AHERA asbestos surveys, pre-renovation or pre-demolition asbestos surveys and performed several project air monitoring and clearance air sampling for mold and asbestos abatements, and documenting abatement work progress, and monitoring contractor's adherence to the applicable federal, state and local regulations, and the project specifications.

#### **SIGNIFICANT PROJECTS**

**Staff Environmental Scientist: Commercial Property, 27501 S. Dixie Highway, Miami, FL:** EBS conducted Phase I Environmental Site Assessments for the property. Mr. Sullivan conducted the pre-demolition asbestos survey, site reconnaissance and prepared the site plans for the property. EBS conducted the Phase I as per ASTM Standard Practice E 1527-21, and investigated the historic land use at the sites, evidence of contamination past or present, impact of offsite activities and surrounding properties. EBS also performed Pre-Demolition asbestos survey of the building. Prepared reports of our findings with recommendations for the site (11/24 – 12/24).

**Staff Environmental Scientist: Miscellaneous environmental consulting services for Jackson Health System, 1611 NW 12 Avenue, Miami, FL:** EBS is providing various pre-demolition or renovation asbestos survey, moisture survey/mold assessments, contamination assessments, and abatement services on as needed basis for capital improvements. The major tasks include conducting the survey, reports, plans and specifications for removal of the ACMs, mold assessment and moisture survey with air, swab or tape lift sampling. Environmental site assessment, review of records, documentation of site conditions, photographs and interviews, and during abatement - project management, project/air monitoring, and supervision of abatement, checking for compliance, checking on public complaints, preparing daily report, abatement report, final project closeout, etc. (2017 - Ongoing).

**Staff Environmental Scientist: Former FP&L Building Retrofit & Build-Out, 9250 W. Flagler Street, Miami, FL:** EBS provided pre-renovation asbestos survey, fungi mold assessment and testing, prior to and during the planned renovation of the building. The major tasks conducting the survey – sampling all suspect asbestos-containing materials (ACMs) in the approximately **671,080 square feet** building, documentation of the materials conditions, quantities and potential for possible fibers release, photographs and chain-of-custody for samples and potential for possible fibers release, photographs and chain-of-custody for samples.





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## Timothy K. Blankenship, PE

Senior Coastal Engineer

### EDUCATION

ME, Coastal Engineering, Old Dominion University, Virginia, 1994

BS, Civil Engineering, Old Dominion University, Virginia, 1992

### REGISTRATION

**Professional Engineer:**

Florida, #55910, 2000

Virginia, #0402032214, 1999

### AFFILIATIONS

American Society of Civil Engineers (ASCE), Miami-Dade Branch, Past President

ASCE, Florida Section, Report Card on Florida Infrastructure Committee on Coastal Areas

### OFFICE LOCATION

Miami, Florida

### AVAILABILITY TO SUPPORT CONTRACT

15%

### EXPERIENCE

Mr. Blankenship has extensive experience as a coastal engineer having completed beach nourishment, inlet, and coastal structure studies and design throughout Miami-Dade County and the Florida Keys. He led coastal engineering teams in the numerical modeling of the shoreline with DHI MIKE sediment transport numerical models. He has completed design and permitting for several truck haul nourishment projects that have included erosion “hot spot” areas. Project experience includes shoreline stabilization and studies throughout the Florida Keys as well as in the Dry Tortugas. Mr. Blankenship has been working in the Florida Keys since 2000, with specific coastal, resilience, and marine structural project experience in Key West.

### REPRESENTATIVE PROJECT EXPERIENCE

**Mallory Square Master Plan, Key West, FL** Senior coastal Engineer evaluating resiliency, coastal protection, and repurpose of cruise berth as part of multi-disciplined team lead by Sasaki.

**Dry Tortugas National Park, FL** – Senior Coastal Engineer for the evaluation of coastal processes at Loggerhead Key and for marine structural evaluation and engineering at Garden Key.

**West Avenue Phase II Improvements, Miami Beach, FL.** Project principal for waterfront components of the design-build construction of roadway and infrastructure improvements north of 14th Street along West Avenue to Lincoln Road.

**Village of Key Biscayne Resilient Infrastructure Program Strategy and Integrated Implementation Plan, FL.** Project manager for a technical advisory role to support the Village with the USACE CSRM study for the development of shoreline stabilization and flood protection alternatives for the beaches and back bay

**Miami Beach Mooring Field, Miami Beach, FL.** Project principal for the planning and design of the 150-slip mooring field along the shoreline of West Avenue.

**North Bay Village Seawall Ordinance Development, FL.** Project principal responsible for the evaluation of the shorelines of this municipality in Biscayne Bay and the development of standards for shoreline stabilization.

**Department of Environmental Protection State Parks Shoreline Stabilization Studies, Monroe County, FL.** Project manager for shoreline condition studies at Curry Hammock, Long Key, Bahia Honda, and Ft. Zachary Taylor State Parks.

**Florida Keys Sand Search, Florida Keys.** Project manager who conducted a detailed study of available beach compatible sand for beach construction in the Florida Keys.

**Fort Zachary Taylor State Park, Key West, FL.** Project manager and engineer for multiple coastal engineering projects since 2000 at the park including coastal structure improvements and multiple truck haul beach nourishments.

**Mooring Field Feasibility Study, Monroe County, FL.** Project manager who conducted hydrographic and marine resource surveys at Jewfish Creek, Buttonwood Sound, and Boca Chica Basin. .



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## Jacqueline M. Brower, PhD, PE

Coastal Engineer & Scientist

### KEY FEATURES

Shoreline protection & coastal structure design  
Beach nourishment  
Data Collection/  
Instrumentation  
Numerical simulation  
Hydrodynamics & water quality  
Urban waterfront design

### EDUCATION

PhD, Coastal and Oceanographic Engineering, University of Florida, 2015  
ANG Officer Commission, 2nd LT, Academy of Military Sciences, 2011  
ME, Water Resources Engineering, University of Florida, 2012

BS, Civil Engineering, University of Florida, 2010

### REGISTRATION

California, Civil, 89126, 2018  
Florida, Civil, 89887, 2020

### AFFILIATIONS

Coasts, Oceans, Ports, and Rivers Institute (COPRI) UF Chapter President, 2014-15  
American Society of Civil Engineers (ASCE) student member (UF chapter)  
Tau Beta Pi (National Engineering Honor Society) member (UF chapter)  
Chi Epsilon (National CE Honor Society) member, Treasurer, 2009-10

### OFFICE LOCATION

Jacksonville, Florida

### AVAILABILITY TO SUPPORT CONTRACT

20%

### EXPERIENCE

Since Jackie Brower joined Moffatt & Nichol in 2015, she has been participating in a wide range of coastal, estuary, ports, marinas and riverine engineering projects. The specific types of work include: coastal structure design, shoreline protection and beach nourishment projects; marina planning and circulation studies; coastal watershed hydrology studies; estuarine/riverine hydrodynamic, sedimentation and water quality evaluation; wetland related hydraulics and tidal muting studies; coastal and riverine flood control, protection and damage analysis; wave propagation modeling. Jackie also leads the coastal instrumentation and data collection program at Moffatt & Nichol. Prior to joining Moffatt & Nichol, Jackie had participated in a variety of engineering & research projects focusing on nearshore hydrodynamics, including wave propagation, circulation, and contaminant transport in Caribbean reef lagoon systems.

### REPRESENTATIVE PROJECT EXPERIENCE

**Miami-Dade County Back Bay Coastal Storm Risk Management, FL.** Resiliency specialist for a nature-based structural solution for the Back Bay Coastal Storm Risk Management feasibility study for the County.

**Mallory Square Master Plan, Key West, FL** Coastal Engineer evaluating resiliency, coastal protection, and repurpose of cruise berth as part of multi-disciplined team lead by Sasaki.

**Dry Tortugas National Park, FL -** Coastal Engineer for the evaluation of coastal processes at Loggerhead Key and for marine structural evaluation and engineering at Garden Key.

**Maintenance Dredging & Everglades Restoration Program, National Park Service, Everglades, FL.** Project manager and coastal engineer for planning and developing the proposed maintenance dredging program and Everglade's wetland restoration. Dredging program includes coastal, hydrodynamic, volumetric, and environmental components to include evaluation of canal restoration to restore 1.5 acres of wetland and provide wetland enhancement up to 55,894 acres.

**Village of Key Biscayne Beach Nourishment, FL.** Coastal engineer overseeing beach response, beach nourishment design, physical monitoring, tilling efforts, and funding compliance for several ongoing truck haul nourishments along 6,200 linear feet of eroded shoreline.

**Coastal Engineering Services and Beach Nourishment, Hillsboro Beach, FL.** Coastal engineer for the Town's waterfront and coastal needs. Roles have included developing beach management and resiliency plan, design of navigational safety program, securing over \$7.7M in funding for the Town's current beach nourishment and beach recovery funds (FEMA). Project engineer for the \$4M beach nourishment for design, permitting, and placement of 65,000 CY to restore the critically eroded shoreline. Responsible for FEMA coordination and reimbursement, construction administration, permit monitoring requirements, and funding compliance for the 2020 beach re-nourishments to restore beaches from Hurricane damages.





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## Vanessa Benzecry, PhD, PE

Marine Structural Engineer

### EDUCATION

PhD, Civil Engineering,  
University of Miami, 2020

MS, Civil Engineering,  
University of Miami, 2014

BS, Civil Engineering,  
University of Miami, 2013

### REGISTRATION

**Professional Engineer:**  
FL, #92544, 2021

### CERTIFICATIONS

Accrediting Institution, Name  
of Certification, #Number,  
Year of Certification

### TRAINING

Name of Course, #Number,  
Year of Training

### AFFILIATIONS

American Society of Civil  
Engineers, Miami-Dade  
County; COPRI Chair

University of Miami College  
of Engineering Alumni  
Association

ACI Committee Member,  
Committee 243 Seawater  
Concrete

### OFFICE LOCATION

Miami, Florida

### AVAILABILITY TO SUPPORT CONTRACT

35%

### EXPERIENCE

Vanessa Benzecry has over 10 years of experience in waterfront structures throughout the U.S. and Caribbean. Her experience includes project management, structural design, and inspection of different types of coastal projects throughout Florida including Monroe County. These facilities have included recreational (park) facilities, seawall, public docks, and marinas. Her PhD dissertation, "Towards Resilient Concrete Structures with FRP Reinforcement," focused on designing resilient coastal structures by using FRP bars, a more sustainable and non-corrosive reinforcement, which consequentially enabled the use of concrete made with seawater, an alternative that facilitates the production of concrete in remote areas while reducing the use of potable water.

### REPRESENTATIVE PROJECT EXPERIENCE

**Repair TRF Interface Wharf, Kings Bay, GA.** Structural engineer responsible for the E2 design specifications on this Naval Facilities Engineering Systems Command Southeast (NAVFAC Southeast) project.

**Yacht Haven Grande at Island Gardens Marina-Gangway Platform Extension, Miami, FL.** Structural engineer responsible for the background data review, concept design, and platform permit sketches on this Island Global Yachting, LP project.

**Harbor Marina South Basin North Wave Attenuator, Clearwater, FL.** Structural engineer responsible for the 60 and 90 percent submittal, design contingency, and final construction documents on this City of Clearwater project.

**Marjory Stoneman Douglas Visitor Center, Everglades City, FL.** Structural engineer whose responsibilities included an action submittal review and as-constructed drawings for Title III SV; bulkhead and floating docks review and analysis; and RFI review and 100 percent draft construction documents review on this National Park Service project in Everglades National Park.

**Charles Deering Estate Mangrove Boardwalk Reconstruction, Miami FL.** Project manager for the construction phase of the \$3.4 million project to reconstruct 1,247 linear feet of mangrove boardwalk.

**Dr. Paul Vogel Park Marine Facility Phase 1 and 2, and Construction Administration, North Bay Village, FL.** Structural engineer for vessel and kayak use on this EAC Consulting, Inc. project for the City of North Bay Village. Performed structural calculations and assisted in the development of permit sketches. (2021 to 2024) 10907-04, 10907-05, 10907-10.

**Dinner Key Marina, Miami, FL.** Project manager and structural engineer for the 584-wet slip Dinner Key Marina 40-year design-level inspection project. M&N was responsible for evaluating the condition of the 2,500-foot-long seawall and providing recommendations for repair and/or replacement.

**Alice Wainright Park and Bulkhead Permitting, Miami FL.** Structural engineer responsible for performing construction administration tasks including final walk through and punch list items for 1,000 lf of new seawall with park improvements.



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**Nicole Shaw, PE**  
Marine Structural Engineer

## EDUCATION

MSCE, Civil Engineering,  
University of South Florida,  
2010

BSCF, Civil Engineering,  
University of South Florida,  
2010

## REGISTRATION

Florida, Professional  
Engineer, 78638, 2014

## ORGANIZATIONS

PIANC USA YP-Com  
alternate delegate

## OFFICE LOCATION

Tampa, Florida

## AVAILABILITY TO SUPPORT CONTRACT

15%

## EXPERIENCE

Nicole Pauly is a structural engineer with more than 14 years of experience in the planning and design of marinas, ports, and other waterfront facilities. She has provided planning and engineering services for a wide variety of waterfront projects in Florida and the Caribbean with a special focus on marina and site planning for small craft marinas, superyacht marinas, and recreational parks. Nicole's experience includes project management, concept development and master planning, marina and site planning, field assessments, repair of existing facilities, and the design and construction of new marina and port facilities. In addition to her project related experience, Nicole holds a leadership role in PIANC USA and is involved in the development of the small craft guidelines and floating dock specifications for the US Navy.

## REPRESENTATIVE PROJECT EXPERIENCE

**Alice Wainwright Park, Miami, FL.** Project manager for a waterfront park redevelopment at the 15 Acre Alice Wainwright Park located on Biscayne Bay. Permitting, design, and construction of 1150 linear feet of bulkhead replacement and 33,000 square feet of pervious, compacted gravel baywalk with landscaping, hardscaping, drainage improvements, and lighting.

**Dinner Key Marina North Mooring Field, Coconut Grove, FL.** Project manager responsible for the planning, permitting, design, and construction services of a 25-slip City managed mooring field in Biscayne

**Spring Garden Pointe Park, Miami, FL.** Structural engineer involved in the design of a 360 linear foot seawall replacement and new kayak launch ramp at this City of Miami public park located along the Miami River.

**Dinner Key Marina, Coconut Grove, FL.** Structural engineer involved in the field investigations at Dinner Key Marina following Hurricane Irma to assess the damage to the marina following the storm. Preparation of design criteria package (DCP) for design/build with technical specifications and conceptual drawings defining the type and extents of the marina structural repairs as well as programming for the utilities that included shore power, plumbing, fire protection, communications, security, and sewage pump-out.

**New Orleans Municipal Yacht Harbor Redevelopment, New Orleans, LA..** Project engineer for the replacement of the City of New Orleans Municipal Marina damaged by Hurricane Katrina in 2005.

**Tarpon Springs Kayak Dock, Tarpon Springs, FL.** Assistant project manager for the design and implementation of an ADA accessible kayak/canoe launch facility integrated with existing and proposed park infrastructure.

**City of Alexandria Waterfront Master Plan, Alexandria, VA.** Marine structural engineer for the planning and preliminary design phases for the regeneration of the City of Alexandria's historic waterfront along the Potomac River from Duke Street.

**St. Petersburg Municipal Marina, St. Petersburg, FL.** Project engineer who has assisted the City with several projects related to the City's 640-slip Municipal Marina. Performed a series of above water inspections at the St. Petersburg Municipal Marina.



## Appendix 2

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### **Sworn Statements and Affidavits / Addenda Acknowledgements**

ANTI-KICKBACK AFFIDAVIT

STATE OF Florida )

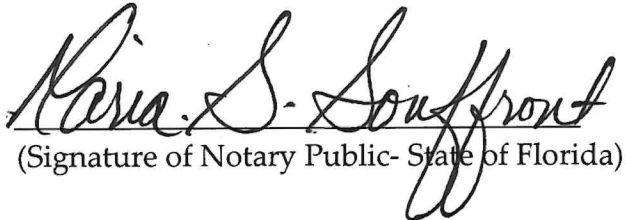
: SS

COUNTY OF Orange )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees 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:  Justin Freedman, General Manager

Sworn to (or affirmed) and subscribed before me by means of [☒] physical presence or [☐] online notarization, this day of April 1, 2025, by Justin Freedman, General Manager.

  
(Signature of Notary Public- State of Florida)

(NOTARY SEAL)

Maria S. Souffront  
(Name of Notary Typed, Printed, or Stamped)

Personally Known ☒ OR Produced Identification \_\_\_\_\_

Type of Identification Produced \_\_\_\_\_





NON-COLLUSION AFFIDAVIT

STATE OF Florida


: SS

COUNTY OF Orange

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

BY:   
Justin Freedman, General Manager

Sworn to (or affirmed) and subscribed before me by means of [☒] physical presence or [☐] online notarization, this day of April 1st, 2025, by Justin Freedman, General Manager.

  
(Signature of Notary Public- State of Florida)

(NOTARY SEAL)

Maria S. Souffront

(Name of Notary Typed, Printed, or Stamped)



Personally Known ☒ OR Produced Identification \_\_\_\_\_

Type of Identification Produced \_\_\_\_\_

Type text here

**SWORN STATEMENT UNDER SECTION 287.133(3)(A)  
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid or Proposal for Environmental Engineering Services

2. This sworn statement is submitted by: RES Florida Consulting, LLC  
(Name of entity submitting sworn statement)

whose business address is:

312 SE 17th Street, Suite 200, Fort Lauderdale, FL 33316

and (if applicable) its Federal Employer Identification Number (FEIN) is: 59-3667002

\_\_\_\_\_  
(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement)

3. My name is \_\_\_\_\_  
(Please print name of individual signing)

and my relationship to the entity named above is: \_\_\_\_\_

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

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

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

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

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

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, 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 public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.


8. 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 1, 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 1, 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 1, 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).

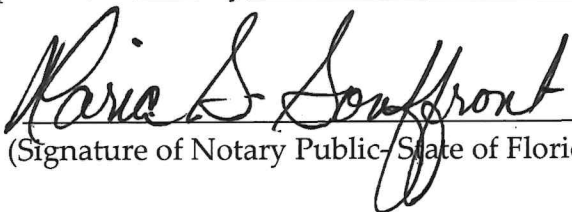
I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH ONE (1) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE 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)   
Justin Freedman, General Manager  
(Date) April 1, 2025

STATE OF Florida

COUNTY OF Orange

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this day of April 1st, 2025, by Justin Freedman, General Manager.

  
(Signature of Notary Public-State of Florida)

(NOTARY SEAL)

Maria S. Souffront  
(Name of Notary Typed, Printed, or Stamped)

Personally Known ☒ OR Produced Identification ☐

Type of Identification Produced \_\_\_\_\_





EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF Florida

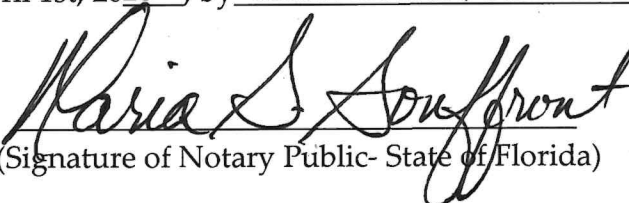
: SS

COUNTY OF Orange

I, the undersigned hereby duly sworn, depose and say that the firm of RES Florida Consulting, LLC 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:   
Justin Freedman, General Manager

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☐ online notarization, this day of April 1st, 2025, by Justin Freedman, General Manager.

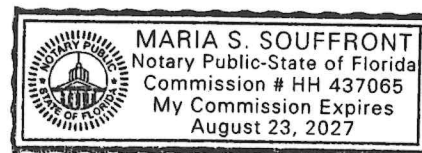
  
(Signature of Notary Public- State of Florida)

(NOTARY SEAL)

Maria S. Souffront  
(Name of Notary Typed, Printed, or Stamped)

Personally Known ☒ OR Produced Identification ☐

Type of Identification Produced ☐



**AFFIDAVIT ATTESTING TO NONCOERCIVE CONDUCT  
FOR LABOR OR SERVICES**

Entity/Vendor Name: RES Florida Consulting, LLC  
Vendor FEIN: 59-3667002  
Vendor's Authorized Representative: Justin Freedman, General Manager  
Address: 312 SE 17th Street, Suite 200  
City: Fort Lauderdale State: FL Zip: 33316  
Phone Number: 954.484.8500  
Email Address: jfreedman@res.us


As a nongovernmental entity executing, renewing, or extending a contract with a government entity, Vendor is required to provide an affidavit under penalty of perjury attesting that Vendor does not use coercion for labor or services in accordance with Section 787.06, Florida Statutes.

As defined in Section 787.06(2)(a), coercion means:

- (1) Using or threatening to use physical force against any person;
- (2) Restraining, isolating, or confining or threatening to restrain, isolate, or confine any person without lawful authority and against her or his will;
- (3) Using lending or other credit methods to establish a debt by any person when labor or services are pledged as a security for the debt, if the value of the labor or services as reasonably assessed is not applied toward the liquidation of the debt, the length and nature of the labor or service are not respectively limited and defined;
- (4) Destroying, concealing, removing, confiscating, withholding, or possessing any actual or purported passport, visa, or other immigration document, or any other actual or purported government identification document, of any person;
- (5) Causing or threatening to cause financial harm to any person;
- (6) Enticing or luring any person by fraud or deceit; or
- (7) Providing a controlled substance as outlined in Schedule I or Schedule II of Section 893.03 to any person for the purpose of exploitation of that person.

As a person authorized to sign on behalf of Vendor, I certify under penalties of perjury that Vendor does not use coercion for labor or services in accordance with Section 787.06. Additionally, Vendor has reviewed Section 787.06, Florida Statutes, and agrees to abide by same.

Certified By: Justin Freedman, General Manager, who is authorized to sign on behalf of the above referenced company.

Authorized Signature:   
Print Name: Justin Freedman  
Title: General Manager

## CONE OF SILENCE AFFIDAVIT


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

STATE OF Florida


: SS

COUNTY OF Orange

I, the undersigned hereby duly sworn, depose and say that all owner(s), partners, officers, directors, employees, and agents representing the firm of RES Florida Consulting, LLC have read and understand the limitations and procedures regarding communications concerning City of Key West Code of Ordinances Sec. 2-773 Cone of Silence (attached).

By:   
Justin Freedman, General Manager

Sworn to (or affirmed) and subscribed before me by means of [☒] physical presence or [☐] online notarization, this day of April 1st, 2025, by Justin Freedman, General Manager.

  
(Signature of Notary Public- State of Florida)

(NOTARY SEAL)

Maria S. Souffront  
(Name of Notary Typed, Printed, or Stamped)

Personally Known ☒ OR Produced Identification \_\_\_\_\_

Type text here

Type of Identification Produced \_\_\_\_\_

### 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. Competitive 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 consultant, 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)

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**VENDOR CERTIFICATION REGARDING  
SCRUTINIZED COMPANIES LISTS**

Proposer Vendor Name: RES Florida Consulting, LLC

Vendor FEIN: 59-3667002

Vendor's Authorized Representative Name and Title: Justin Freedman, General Manager

Address: 312 SE 17th Street, Suite 200

City: Fort Lauderdale State: FL Zip: 33316

Phone Number: 954.484.8500

Email Address: jfreedman@res.us

Section 287.135(2)(a), Florida Statutes, prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services of any amount if, at the time of contracting or renewal, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to section 215.4725, Florida Statutes, or is engaged in a boycott of Israel. Section 287.135(2)(b), Florida Statutes, further prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services over one million dollars (\$1,000,000) if, at the time of contracting or renewal, the company is on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, both created pursuant to section 215.473, Florida Statutes, or the company is engaged in business operations in Cuba or Syria.

As the person authorized to sign on behalf of Proposer, I hereby certify that the company identified above in the section entitled "Proposer Vendor Name" is not listed on either the Scrutinized Companies that Boycott Israel List, Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject such company to civil penalties, attorney's fees, and/or costs and termination of the contract at the option of the awarding governmental entity.

Certified By: Justin Freedman General Manager

*Print Name*

*Print Title*

who is authorized to sign on behalf of the above referenced company.

Authorized Signature: 

## **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 Consultant, 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 or 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. Proposer understands and agrees that any and all liabilities regarding the use of any subcontractor or subconsultant for services related to this agreement shall be borne solely by the Proposer. Ten dollars of the consideration paid by the City is acknowledged by Proposer as separate, good and sufficient consideration for this indemnification. This indemnification shall be interpreted to comply with Section 725.06 and 725.08, 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.

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COMPANY SEAL

PROPOSER: RES Florida Consulting, LLC

Address 312 SE 17th Street, Suite 200

Fort Lauderdale, FL 33316

Signature 

Justin Freedman

Print Name

April 1, 2025

Date

General Manager

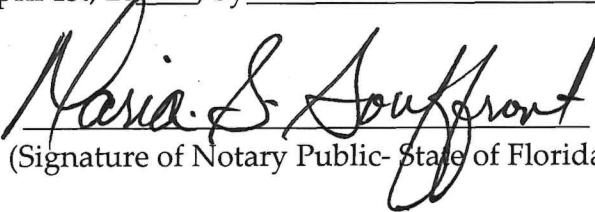
Title

NOTARY FOR THE PROPOSER

STATE OF Florida

COUNTY OF Orange

The foregoing instrument was acknowledged before me by means ☐ physical presence or ☐ online notarization, this day of April 1st, 2025, by Justin Freedman, General Manager.

  
(Signature of Notary Public- State of Florida)

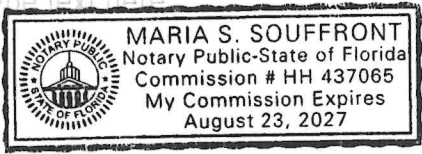
(NOTARY SEAL)

Maria S. Souffront

(Name of Notary Typed, Printed, or Stamped)

Personally Known ☒ OR Produced Identification ☐

Type of Identification Produced ☐



## LOCAL VENDOR CERTIFICATION

### PURSUANT TO CITY OF KEY WEST CODE OF ORDINANCES SECTION 2-798

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a. Principle address as registered with the FL Department of State located within 30 miles of the boundaries of the city, listed with the chief licensing official as having a business tax receipt with its principle address within 30 miles of the boundaries of the city for at least one year immediately prior to the issuance of the solicitation.
- b. Maintains a workforce of at least 50 percent of its employees from the city or within 30 miles of its boundaries.
- c. Having paid all current license taxes and any other fees due the city at least 24 hours prior to the publication of the call for bids or request for proposals.

Not a local vendor pursuant to Code of Ordinances Section 2-798

Qualifies as a local vendor pursuant to Code of Ordinances Section 2-798

If you qualify, please complete the following in support of the self-certification & submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name RES Florida Consulting, LLC  
Current Local Address: 312 SE 17th Street, Suite 200,  
Fort Lauderdale, FL 33316  
(P.O Box numbers may not be used to establish status)

Phone: 954.484.8500

Fax: N/A

Length of time at this address 1 year



April 1, 2025

Signature of Authorized Representative

Date

STATE OF Florida

COUNTY OF Orange

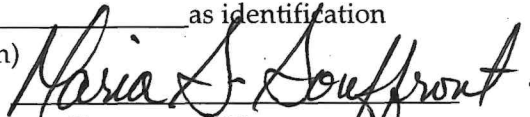
The foregoing instrument was acknowledged before me this 1st day of April, 2025.

By Justin Freedman, General Manager, of RES Florida Consulting, LLC

(Name of officer or agent, title of officer or agent) Name of corporation acknowledging)

or has produced Personally Known as identification

(type of identification)

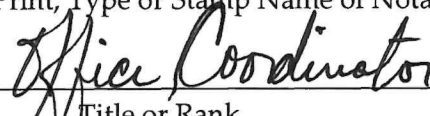


Signature of Notary

Maria S. Souffront

Print, Type or Stamp Name of Notary

Return Completed form with  
Supporting documents to:  
City of Key West Purchasing



Title or Rank

## THE CITY OF KEY WEST E-VERIFY AFFIDAVIT

Beginning January 1, 2021, Florida law requires all contractors doing business with The City of Key West to register with and use the E-Verify System in order to verify the work authorization status of all newly hired employees. The City of Key West requires all vendors who are awarded contracts with the City to verify employee eligibility using the E-Verify System. As before, vendors are also required to maintain all I-9 Forms of their employees for the duration of the contract term. To enroll in the E-Verify System, vendors should visit the E-Verify Website located at [www.e-verify.gov](http://www.e-verify.gov).

In accordance with Florida Statute § 448.095, it is the responsibility of the Awarded Vendor to ensure compliance with all applicable E-Verify requirements.

By executing this affidavit, the undersigned contractor verifies it compliance with Florida Statute § 448.095, stating affirmatively that the individual, firm, or corporation which is engaged in the performance of services on behalf of the City of Key West, has registered with, is authorized to use, and uses the U.S. Department of Homeland Security's E-Verify system.

Furthermore, the undersigned contractor agrees that it will continue to use E-Verify throughout the contract period, and should it employ or contract with any subcontractor(s) in connection with the performance of services pursuant to this Agreement with The City of Key West, contractor will secure from such subcontractor(s) similar verification of compliance with Florida Statute § 448.095, by requiring the subcontractor(s) to provide an affidavit attesting that the subcontractor does not employ, or subcontract with, an unauthorized alien. Contractor further agrees to maintain records of such compliance during the duration of the Agreement and provide a copy of each such verification to The City of Key West within five (5) business days of receipt.

Failure to comply with this provision is a material breach of the Agreement and shall result in immediate termination of the Agreement without penalty to the City of Key West. Contractor shall be liable for all costs incurred by the City of Key West to secure replacement Agreement, including but not limited to, any increased costs for the same services, and costs due to delay, and rebidding costs, if applicable.

April 1, 2025

Date

[Signature]  
(Signature of Authorized Representative)

State of Florida

County of Orange

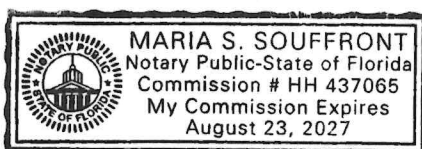
Personally Appeared Before Me, the undersigned authority, Justin Freedman who, ☒ being personally know or having produced his/her signature in the space provided above on this 1st day of

April, 2025

[Signature: Maria S. Souffront]  
Signature, Notary Public

8/23/27  
Commission Expires

Stamp/Seal:





**ADDENDUM NO. 1**  
**Environmental Engineering Services**  
**RFQ 25-002**

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

1. **Clarification of Specifications:** [No Changes]
2. **Changes to Submission Requirements:** [No Changes]
3. **Updates to Project Timeline:** [No Changes]
4. **Responses to Questions:**
  - 1) **Project Prioritization** – Are there specific environmental or coastal engineering projects the City is prioritizing under this contract? *There no specific projects currently identified to prioritize.*
  - 2) **Consultant Selection Process** – Will the City be selecting multiple firms based on different service areas, or is the intent to award a single contract for all services? *Is this not in the RFQ? The City intends to award multiple agreements, depending on the proposals received and qualifications of those firms.*
  - 3) **Existing Conditions & Challenges** – Are there known contaminated sites, infrastructure concerns, or ongoing projects that will carry over into this contract? Are there currently any companies you've worked with in the past that are local? Are we able to see past proposal submittals? *There are a number of contaminated sites on City property that require reporting and/or monitoring. There are other ongoing activities as well, such as beach renourishment and coastal infrastructure evaluation and repair. They can look at previous proposals if they want, it is all public information. Instead of actually uploading it, perhaps you can simply give them the previous RFQ number, so they can look at the files themselves? I'm actually not entirely sure if the proposals get uploaded now that I think about it.*
  - 4) **Coastal Facilities Scope** – For services like seawalls, marinas, and beach renourishment, does the City anticipate more rehabilitation work, new construction, or a mix of both? *Both but primarily rehabilitation and repair of existing facilities and infrastructure.*
  - 5) **Proposal Expectations** – Are there specific evaluation criteria or key factors the City is looking for in responses beyond the general qualifications listed? *I don't*



understand this question. To answer it would be to add criteria that the ranking committee isn't being told to evaluate, right?

5. **Additional Resources:** [No Changes]



Signature

RES Florida Consulting, LLC

Name of Business



**ADDENDUM NO. 2**  
**Environmental Engineering Services**  
**RFQ 25-002**

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

1. **Clarification of Specifications:** [No Changes]
2. **Changes to Submission Requirements:** [No Changes]
3. **Updates to Project Timeline:** [No Changes]
4. **Responses to Questions:**
  - 1) Can a firm prime and sub? **Yes, a Firm can submit as a prime on one bid and a sub on another.**
  - 2) Can you provide the list of work orders performed and to which firms from the previous cycle of this contract? **Currently, that City does not have an active list of work orders that can be provided for reference.**
5. **Additional Resources:** [No Changes]

Signature

RES Florida Consulting, LLC

Name of Business



**ADDENDUM NO. 3**  
**Environmental Engineering Services**  
**RFQ 25-002**

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

1. **Clarification of Specifications:** [No Changes]
2. **Changes to Submission Requirements:** [No Changes]
3. **Updates to Project Timeline:** [No Changes]
4. **Responses to Questions:**
  - 1) In light of growing environmental awareness and the increased reliance on digital submissions, would the City consider accepting only electronic submissions to reduce environmental impact?  
  


At this current moment the City of Key West would like all submissions made paper-based, our current bid opening process it better suited to handle this format.
  - 2) The RFQ includes an Hourly Price Proposal Form in the attachments and references it in the evaluation criteria; however, it is not specified in the submittal instructions. Could you please clarify whether the price proposal is required to be submitted with the qualification package or upon award? If it is to be submitted with the qualification package, where should it be placed within the submission and is it included in the 20-page limit?  
  

The fee schedule does not count towards the 20-page limit and can be included at the end of the proposal with any other necessary attachments.
  - 3) The RFQ requests project/reference information in both Section C and Section E of proposers' responses. Given the 20-page limit for qualification

packages, is it the intent of the City to require duplicate submission of project/reference information in both sections, or is there an opportunity to consolidate this information?

One section may reference the response from another when appropriate.

5. **Additional Resources:** [No Changes]

  
\_\_\_\_\_  
Signature

RES Florida Consulting, LLC  
\_\_\_\_\_  
Name of Business





**ADDENDUM NO. 4**  
**Environmental Engineering Services**  
**RFQ 25-002**

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

1. **Clarification of Specifications:** [No Changes]
2. **Changes to Submission Requirements:** [No Changes]
3. **Updates to Project Timeline:** [No Changes]
4. **Responses to Questions:**
  1. On page 16 in the table under "Evaluation Categories" Phase I & II, the RFQ lists that an hourly price proposal is part of the evaluation criteria. Please clarify if this was inadvertently placed in this table and a price proposal with hourly rates are not part of the Qualifications Package?

This was an error. There is no need to include an hourly price proposal for this bid. Please note that the weighted evaluation criteria points assigned have been moved to evaluation criteria #4 for a total of 15 points:

Category		Points
Specialized experience and technical competence of the firm in the listed disciplines.	40	
Professional qualifications of staff personnel/capacity of assigned and identified staff to accomplish work.	20	
References and Past Performance	20	
Ability to perform the services expeditiously at the	15	

request of the City. Location and availability of technical support people and assigned project manager to the City.		
Hourly Price Proposal	5	
Other certifications	5	
<b>Total Points</b>		100

2. Can we include section dividers? If yes, will it be excluded from the page count?

Dividers will not counts towards 20-page count.

3. If we include a table of contents right after the cover page, will it be excluded from the page count?

TOC will be excluded from the 20-page count.


4. On page 13 under licensing. States that copies of the Proposer's license(s) and/or certification(s) which are applicable to this solicitation shall be submitted as part of their Qualification Package. Would you like licensing/certifications added after Section G. Sworn Statements and Affidavits as Appendix? Will it be excluded from the page count?

Yes, the City would like licensing/certification added after Section G and sworn statements and affidavits provided in the appendix. These will be excluded form the 20-page count.

5. Section C. Firm Background, it asks for Proposers' experience with similar work, for local governments during the past 5 years. Do you want project experience in this section and also Section E. Experience, Qualifications, and References?

It isn't necessary to double-up, this could just be a text summary description that references the experience list in Section E.

**5. Additional Resources:** [No Changes]

  
Signature


RES Florida Consulting, LLC  
Name of Business



**ADDENDUM NO. 5**  
**Environmental Engineering Services**  
**RFQ 25-002**

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

1. **Clarification of Specifications:** [No Changes]
2. **Changes to Submission Requirements:** [No Changes]
3. **Updates to Project Timeline:** [No Changes]
4. **Responses to Questions:**
  1. **Affidavits and Certifications** - Are the 10 forms in this section required only to be completed by the prime consultant, or are they also required to be submitted by all subcontractors?  
  
The prime consultant.
  2. **Resumes** – Please confirm whether resumes are required for all subcontractor staff, or whether they are only required for the prime consultant staff?  
  
Resumes are not required of sub-contractors.
  3. **Item E. Experience, Qualifications, and References** – If the Proposer's team includes subcontractors, are project examples from the subcontractor firm(s) suitable to meet the requirement for the 5+ example projects?  
  
While the City would like a majority of examples to come from the prime, the City will allow some examples to come from subcontractors. It must be clearly identified who was the prime during those projects.
5. **Additional Resources:** [No Changes]

  
\_\_\_\_\_  
Signature

RES Florida Consulting, LLC  
\_\_\_\_\_  
Name of Business





**ADDENDUM NO. 6**  
**Environmental Engineering Services**  
**RFQ 25-002**

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

1. **Clarification of Specifications:** [No Changes]
2. **Changes to Submission Requirements:** [No Changes]
3. **Updates to Project Timeline:** [No Changes]
4. **Responses to Questions:**
  - 1) There were two questions submitted regarding the Hourly Price Proposal. One response indicates the hourly price proposal was included in the RFQ in an error and respondents should not submit it. The other response says the hourly price proposal can be placed at the end of the qualifications package. Please clarify if the hourly price proposal is required.

Although the hourly price sheet is not required to be included with the proposal and will not be considered in the evaluation process, proposers may submit it as supplementary information if they wish.

5. **Additional Resources:** [No Changes]

  
\_\_\_\_\_  
Signature

RES Florida Consulting, LLC  
\_\_\_\_\_  
Name of Business



**ADDENDUM NO. 7**  
**Environmental Engineering Services**  
**RFQ 25-002**

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

1. **Clarification of Specifications:** [No Changes]
2. **Changes to Submission Requirements:** [No Changes]
3. **Updates to Project Timeline:** [No Changes]
4. **Responses to Questions:**
  - 1) In Section 1.24 – TERMS AND CONDITIONS OF AGREEMENT, subsection A on page 11 of the RFQ package, the Indemnification Form within the RFQ package, and section 7.8 – INDEMNIFICATION OF THE CITY, on the sample agreement, are all in violation of Florida Statute 725.08. Would the City please modify this language to make it compliant, which includes removing any requirement to defend? Suggested language per Florida Statute 725.08: “The design professional shall indemnify and hold harmless the City, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the design professional and other persons employed or utilized by the design professional in the performance of the contract.”
    1. The contract in the RFP is a sample and is subject to negotiations between the Consultant and the City. If any language in the RFP or contract is in violation of Florida Statutes it will be remedied in the final contract documents.

- 2) Section 5.2.1.1 – This item notes that the City will not reimburse transportation expenses “...from locations outside the City...unless specifically pre-authorized in writing by the Contract Administrator.” May we assume that this authorization is granted by receiving a Task Order from the City on a proposal which contains travel expenses as shown in Section 5.2.1.2?

1. Yes.

- 3) Section 5.2.3 - Would the City be amenable to allowing a stipulated percentage markup on hourly fees for subconsultants? Our prior experience with the City indicates that when a given task order requires a substantial portion of the work to be performed via subconsultant, we need to offer those tasks or subtasks as lump sum. Allowing a 10% markup of subconsultants would permit us to offer subconsultants at hourly rates and provide a potential savings to the City.

- 4) Section 4.5 – Would the City consider striking or limiting the liquidated damages clause?

1. The contract in the RFP is a sample and is subject to negotiations between the Consultant and the City. However, this in no way means that the City will be willing to strike liquidated damages.

- 5) Section 5.4.2 – Would the City consider allow us to pay our subconsultants following payment from the City?

1. If the Consultant pays the subconsultant upon payment from the City, the subconsultant must comply with the Florida Prompt Payment Act and provide proof of payment to the City showing compliance with the statutory time frame. Additionally, the contract between the Contractor and Subcontractor shall not shift the risk of non-payment to the subconsultant.

- 6) Section 7.1 – May we be allowed to protect any proprietary information/data/methods we have developed and withhold them from this requirement?

1. Yes, the Consultant may protect any proprietary information/data/methods they have developed.

- 7) Section 7.8 – See item above from Section 1.24

1. The contract in the RFP is a sample and is subject to negotiations between the Consultant and the City.

- 8) Section 7.8 - Missing a Dispute Clause - Can we add: Any claim, dispute or other matter in question arising out of or related to this Agreement shall be subject to a meet and confer session as a condition precedent to mediation. The meet and confer session shall be attended by members of the City and Consultant's management who shall have full authority to bind their respective party with respect to the claim, dispute or other matter in question. The meet and confer session shall take place within Fifteen(15 ) days after a request by either party, unless the parties mutually agree otherwise. If the parties reach a mutually acceptable resolution, then they shall prepare appropriate documentation memorializing the resolution. If the parties cannot reach a mutually acceptable resolution, they shall proceed to mediation in accordance with this Agreement.

1. The contract in the RFP is a sample and is subject to negotiations between the Consultant and the City.

- 9) Section 7.12.6 – Request strike and replace with: “In no event will the Consultant be liable for loss of profits or for any consequential, special, indirect, incidental, punitive or exemplary damages or expenses that may arise from the substitution or replacement of members of the Consulting Team.”

1. The contract in the RFP is a sample and is subject to negotiations between the Consultant and the City.

5. **Additional Resources:** [No Changes]



Signature

RES Florida Consulting, LLC

Name of Business



**ADDENDUM NO. 8**  
**Environmental Engineering Services**  
**RFQ 25-002**

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

1. **Clarification of Specifications:** [No Changes]
2. **Changes to Submission Requirements:** [No Changes]
3. **Updates to Project Timeline:** [No Changes]
4. **Responses to Questions:**
  - 1) Section 5.2.3 - Would the City be amenable to allowing a stipulated percentage markup on hourly fees for subconsultants? Our prior experience with the City indicates that when a given task order requires a substantial portion of the work to be performed via subconsultant, we need to offer those tasks or subtasks as lump sum. Allowing a 10% markup of subconsultants would permit us to offer subconsultants at hourly rates and provide a potential savings to the City.
    1. The City would not allow a mark-up as it could be perceived as a “pass-thorough”.
5. **Additional Resources:** [No Changes]

  
\_\_\_\_\_  
Signature

RES Florida Consulting, LLC  
\_\_\_\_\_  
Name of Business



