



# CITY OF KEY WEST

RFQ NO. 17-002  
General Engineering Services

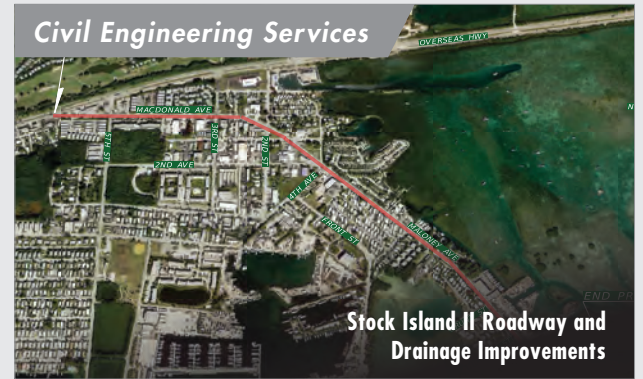


*"One Human Family"*

**COPY**

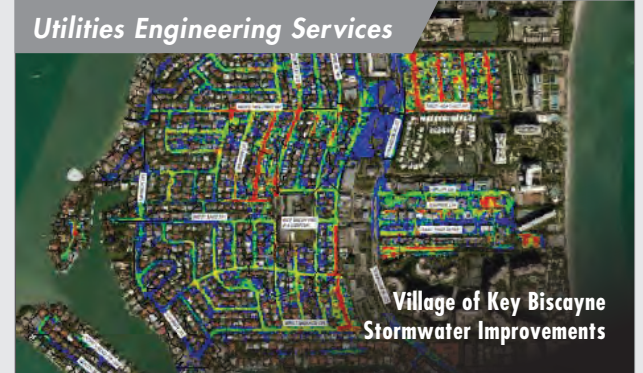
**April 19, 2017**

## Civil Engineering Services



Stock Island II Roadway and Drainage Improvements

## Utilities Engineering Services



Village of Key Biscayne Stormwater Improvements

## Solid Waste Engineering Services



City of Key West Solid Waste Transfer Station

## Coastal Engineering Services



32-Slip Marina with Boat Lifts

## Structural Engineering Services



City of Key West Waterfront Market Rehabilitation



IN ASSOCIATION WITH

**EAC Consulting, Inc.**  
eacconsult.com



**CUMMINS | CEDERBERG**  
Coastal & Marine Engineering



*One Human Family*

**TABLE OF CONTENTS**



# TABLE OF CONTENTS



# TABLE OF CONTENTS

<b>COVER LETTER</b> .....	<b>2</b>
<b>SECTION 1</b> Company Profile .....	<b>5</b>
<b>SECTION 2</b> Team Qualifications and Expertise .....	<b>11</b>
<b>SECTION 3</b> Key Personnel .....	<b>38</b>
Organizational Chart and Resumes .....	<b>45</b>
<b>SECTION 4</b> Relevant Experience .....	<b>47</b>
<b>SECTION 5</b> Management Approach .....	<b>48</b>
<b>SECTION 6</b> Required Forms .....	<b>58</b>
<b>SECTION 7</b> Licenses and Certification .....	<b>59</b>

One Human Family

COVER LETTER



COVER LETTER



April 19, 2017

City of Key West  
Office of the City Clerk  
1300 White Street  
Key West, Florida 33040  
Attention: Sue Snider, Purchasing Agent, City of Key West

## Re: RFQ #17-002 for General Engineering Services

Dear Selection Committee Members,

EAC Consulting, Inc. (EAC) respectfully submits its qualifications package herein- consisting of one original proposal and two flash drives -in response to RFQ #17-002, which is for General Engineering Services.

It is my understanding that the City of Key West intends to select qualified firms through the request for qualifications for general engineering services for the following disciplines:

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

EAC is herein submitting its qualification package for all five disciplines.

EAC recognizes the City of Key West's commitment to customer services and to residents' quality of life. Key West's motto "One Human Family" resonates with EAC culture. Here at EAC, similar to the City of Key West, we are committed to provide engineering services that promote safe and sustainable communities. We applaud the City of Key West for providing its residents and guests with a seamless culture, and for cherishing a safer and greener community.

## ABOUT EAC CONSULTING, INC.

EAC is a State of Florida certified Minority Business Enterprise (MBE) engineering firm. EAC originated in Florida, and is now in its twenty-third year of operation. EAC was founded with the objective of providing engineering consulting services for infrastructure improvement and development projects for public agencies, municipalities, and private sector clients. Our firm's overall commitment to excellence in engineering has led to an impressive growth rate. This growth has in turn translated into EAC's development as a multi-service organization, providing a wide variety of engineering services, including: planning, design criteria/design build package development, engineering design, construction documents, construction administration, peer review, inspections and studies. ***EAC is ready to provide the City of Key West with all the requisite services outlined in RFQ #17-002 for General Engineering Services - for all five disciplines.*** EAC will commit to the City's goals and objectives, as it has with more than thirty municipal clients throughout South Florida.

In particular, our track record with Monroe County's Engineering Department is impeccable and impressive. Since 2010, EAC has partnered with Monroe County in implementing infrastructure

### EAC Team Project Experience

1. CR-905 — Key Largo, FL
2. Lake Surprise Estates Neighborhood Roadway and Drainage Improvements — Key Largo, FL
3. Bay Haven, Seaside & Dove Creek Estates Roadway & Drainage Improvements — Key Largo, FL
4. US 1/SR 5 Overseas Highway from Blue Isle Boulevard to Zane Gray Creek Drive — Monroe County, FL
5. US 1/SR 5 Overseas Highway from Zane Gray Creek Drive to Iroquois Drive — Monroe County, FL
6. US 1/SR 5 Overseas Highway Grassy Key Turn Lane Improvements — Monroe County, FL
7. US 1/SR 5 Overseas Highway from Blue Isle Boulevard to North of Beach Access — Monroe County, FL
8. US 1 Improvements and Key Deer — Monroe County, FL
9. Big Pine Key Community Park Monroe County, FL
10. Doctor's Arm Triple Culvert Replacement — Monroe County, FL
11. Monroe County Transfer Stations — Monroe County, FL
12. Stock Island II Improvements — Monroe County, FL
13. Stock Island Fire Station — Monroe County, FL
14. Key West Airport Fire Station Rescue Station — Key West, FL
15. Keys Federal Credit Union — Key West, FL
16. Parrot Key Beach Resort — Key West, FL
17. FEMA Coastal Engineering Analysis and Risk Mapping Key West by the Sea — Key West, FL
18. New Dock Master's Office and Transient Restroom Facility — Key West, FL
19. Higgs Beach Park Master Plan — Key West, FL
20. Solid Waste Master Plan — Key West, FL
21. Railway Apartments and Steamplant Condominiums — Key West, FL
22. Historic Seaport Common Area Enhancement Plan — Key West, FL

improvements of the utmost importance. We at EAC are committed to provide the same level of service to the City of Key West, which will ensure that City goals and objectives are met.

EAC’s ability to combine innovative approaches to projects, as well as our knowledge of technological advancements allow us to maintain proficiency in our services and uphold our commitment of providing quality services to our clients.

## UNDERSTANDING OF THE SCOPE OF SERVICES

We at EAC agree entirely with the City’s Engineering Department’s mission statement. This contract is an important vehicle to implement vital infrastructure improvements and to ensure that residents and visitors are provided with high quality levels of service

As the southernmost city of the continental United States, Key West is a destination of choice for visitors, and a unique tropical home for residents. Through this contract the City of Key West strives to provide safe and green infrastructure—including roadways, sidewalks, parks, buildings, utilities, marine structures and solid waste facilities—and the EAC team is qualified to provide all engineering services described in RFQ #17-002.



**“We strive to provide the best customer services and outstanding projects while providing cost effective professional engineering by consulting with citizens, developing sustainable projects and seeking alternate funding.”**

We at EAC have the experience needed to address older infrastructure—including utilities, roadways, parks, stormwater management systems, marine structures, solid waste facilities, and historic buildings - that often trigger the need for improvement, preservation, upgrades and sometimes replacement. In addition, population and geographic growth also triggers the need to widen or expand the range and serviceability levels to adequately cater to new and increased demands.

We at EAC are aware of the reality and significance of Sea Level Rise (SLR), and the need to improve infrastructure to accommodate SLR. We have incorporated SLR in our designs for many Monroe County projects and we have world renowned SLR experts on our team.

## OUR HIGH PERFORMANCE FULL SERVICE TEAM

EAC has assembled a team tailored specifically to perform all the needed tasks under this contract. Our team was put together with a focus on expertise, experience, familiarity with local conditions, and the commitment to successfully deliver assignments within the scheduled timeframe and budget. Our team comprises firms that are noted experts in their assigned roles, and collectively we offer the experience and qualifications necessary to serve as an extension of City staff. Our team composition includes firms that we have successfully worked with on previous projects, and some of our sub-contracting firms are local to Key West.

## COMMITMENT TO SERVING AS AN EXTENSION OF STAFF

We at EAC are aware of the City’s need to have consultants who serve as an extension of City staff. We believe in constant and open communication to ensure seamless progress and success on all projects. EAC staff listens to clients and are always open to receiving input on desired elements and objectives. We welcome input from residents and other stakeholders. We have a dedicated local public outreach consultant on our team to ensure minimal disruption to



residents and visitors. We have served over thirty municipalities, including Monroe County, and our experience has continued to develop as a result of our ability to successfully serve as an extension of our clients.

## **WE KNOW OUR CITY**

With over 20 projects and experience in the City of Key West and Monroe County, EAC's team is ready to serve in all five disciplines at any time. We know our City, and we know the standards and requirements. We are available, and have the resources to deliver with unparalleled quality.

## **THE EAC ADVANTAGE**

EAC guarantees an exemplary level of performance and the satisfaction of the City's objectives and expectations. Additionally, our readiness to undertake the required services is further expressed by the availability, experience, and capability of the personnel on the EAC Team. Our team advantage resides not only in our technical capability and experience but in our team structure, which is predicated on being able to offer services on a moment's notice to address the City's needs. Our team will deliver responsive, high-quality service and cost-saving solutions. We are extremely excited at the opportunity to submit our response to the City and will dedicate the necessary resources to make this contract a success for the City of Key West.

Respectfully,  
EAC Consulting, Inc.



**Michael Adeife, P.E.**  
**Senior Vice President, EAC Consulting, Inc.**

*One Human Family*



## **SECTION 1**



# **COMPANY PROFILE**

"All work has been completed on time and within budget and the engineering analysis and design is thorough adheres to standards and guidelines."

—**Judith S. Clarke, PE** Director of Engineering Services





## SECTION 1 COMPANY PROFILE

**EAC Consulting, Inc. (EAC)** was founded in Miami-Dade County with the objective to provide engineering consulting services for infrastructure improvement and development projects for public and private sector agencies. Reputed as one of Miami Dade’s success stories, the firm’s overall commitment to the practice of engineering, as well as its objective to maintain excellence in the quality of its services, has led to an impressive growth rate.

### EAC’S CORE PHILOSOPHY

#### Vision

To be the premier infrastructure consulting practice.

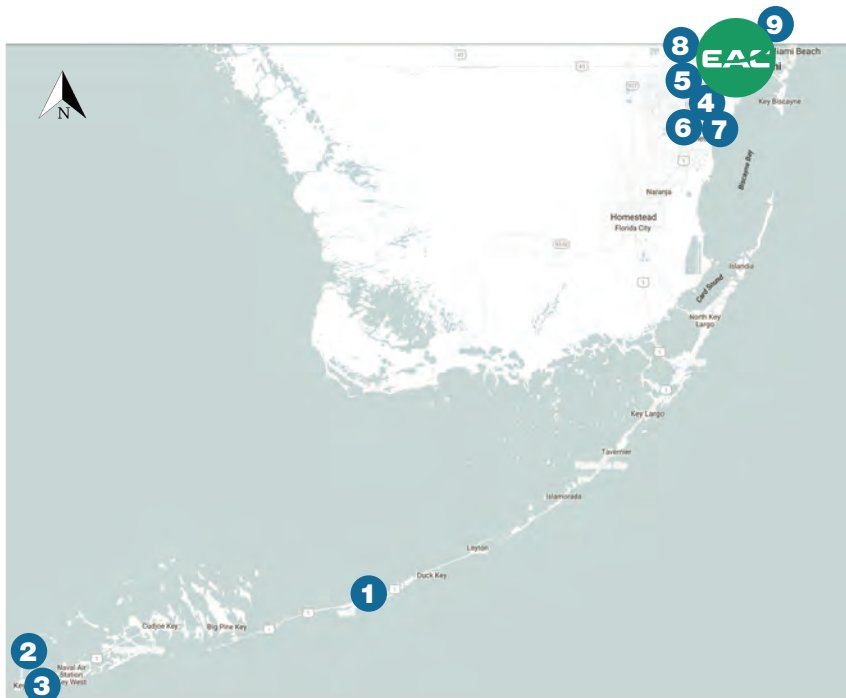
#### Mission Statement

To provide engineering excellence and exceptional client service to advance our communities and colleagues.

With an overall staff strength of 99 professionals, all located in the State of Florida, EAC has had the opportunity to serve the needs of clients. Headquartered in Miami-Dade County, and working out of four offices, EAC staff are committed to providing services to our esteemed clients in a manner that ensures that their goals and objectives are met. EAC’s core values are the pillars that have guided the firm’s ability to maintain its industry standing, even in a highly competitive market. Predicated on the fostering of its core values, EAC has a history locally and statewide, that is building into a legacy. We are proud to be an original Miami-Dade County firm that has grown and developed, in part, due to the opportunities we have been provided by local public agencies. From initial planning, programming, design to construction management, EAC provides services in a manner that emphasizes its corporate ideals. Projects are continuously provided with the best resources to ensure success and assure the unequivocal satisfaction of clients.

At EAC, we view our clients as partners and we work cooperatively to maintain focus on desired and identified project objectives. We will bring the same value and dedication to the City of Key West through this contract.

**EAC HAS A HISTORY LOCALLY AND STATEWIDE, THAT IS GRADUALLY BUILDING INTO A LEGACY.**



**EAC Consulting, Inc.**  
815 NW 57th Avenue, Suite 402  
Miami, FL 33126

- 1. Concrete Analysis & Testing Laboratories, Inc.**
- 2. Sandra Walters Consultants, Inc.**
- 3. William P. Horn Architect, PA**
- 4. Cummins Cederberg**
- 5. Curtis + Rogers Design Studio**
- 6. Gartek Engineering Cooperation**
- 7. GIT Consulting LLC**
- 8. Hadonne**
- 9. Intertek-PSI**



EAC STAFF AT A GLANCE		
	Company-wide	Miami Office
Staff Labor Classification	No. of Staff	
Licensed Professional Engineers	31	19
Licensed Planners	1	0
Other Engineering Staff	18	12
Construction Inspectors / Field Staff	14	8
Administrative and Technical Support	31	21
On-Call Technical Support	4	1
<b>Total</b>	<b>99</b>	<b>61</b>

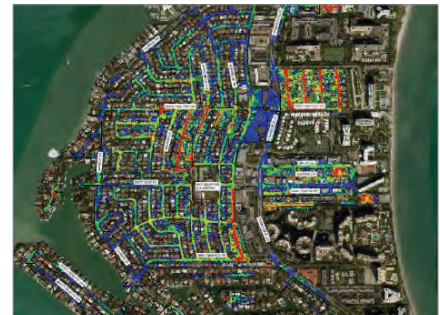
## EAC'S SERVICES

### Our services include:

- **Planning** (master planning, feasibility studies, critical infrastructure studies, etc.)
- **Design criteria development** (design-bid-build, design-build packages, etc.)
- **Pre-design** (due diligence reports, site investigations, studies, etc.)
- **Engineering design** (construction documents, technical specifications, etc.)
- **Post design** (permitting, bid documents, bid evaluations, contractor research and selection and award recommendations, etc.)
- **Construction services** (construction administration, construction engineering and inspection, project closeout, etc.).

### Our Expertise

- Roadway and Intersection Design
- Tolling
- Maintenance of Traffic
- Pavement Markings and Signage
- Site Development
- Parks and Recreational Facilities Design
- Sidewalks and Pedestrian Trails
- Water Resources
- Stormwater Design
- Pump Stations
- Pavement Design
- Utility Engineering
- Maritime
- Aviation
- Structural Engineering
- Bridge Engineering
- Utility Planning
- Program Management
- Grants Administration
- Construction Administration





## LEED CREDITS

EAC offers a full range of engineering services, including planning, design, jurisdictional permitting, due diligence, owner representation, value engineering, cost analysis and construction inspection and administration. We offer added value to our clients by providing quality and cost-effective, innovative, solutions to site development challenge by embracing a culture of engineering excellence. Our engineers are certified in- and have adopted- green practices, thereby facilitating the opportunity to receive Leadership in Energy and Environmental Design (LEED) credits on site development projects.



## We Embrace Sustainable/Green Initiatives

EAC is also committed to Green Design Practices. As part of our commitment to preserving the environment, we routinely incorporate green design practices into all of our engineering designs. The following are some of the concepts used in previous projects that support Green Design Practices:

Stormwater Pollution Prevention (SWPP) Plans: EAC incorporates SWPP Plans into its construction documents to instruct contractors on best management practices to minimize or eliminate pollutant discharges from a project site to surface waters.

Manage Stormwater Runoff: EAC's approach to design drainage systems is to ensure that water quality standards are incorporated into every project and is easily maintained. Our systems incorporate, where feasible, the use of the following:

- Stormwater harvest systems, such as cisterns, for irrigation
- Drainage swales to reduce run-off velocities, promote water quality, and reduce debris from entering storm drain systems
- Pervious concrete for parking lots to reduce stormwater runoff

Maximize Vegetation: Landscape designs that maximize native plant abundance and vegetative cover on site development projects

Minimize Site Disturbance: Perform site development design in such a manner as to disturb only areas where construction is being proposed, and minimize disturbance to adjacent areas. Minimize disturbance to the existing environment. e.g., existing trees, plants and soils

Solar Lighting: Design parking lots and other site features with solar powered lighting

Reuse of Materials: Design artificial turf recreational facilities that utilize recycled rubber and requires no irrigation

Reduce Consumption: Design low flow faucets and other water dispensing apparatus

Site Materials: To mitigate the urban heat island effect, paving can be lightened by using concrete in lieu of asphalt, selecting another light-colored material or surface coating, or using lighter color aggregate in asphalt.



## OUR CLIENT LIST – SIMILAR CLIENT LIST

- Monroe County
- Village of Islamorada
- City of Hialeah
- City of Fort Lauderdale
- City of Pompano Beach
- City of Hollywood
- City of Sunrise
- City of Hallandale
- City of Florida City
- City of North Miami
- City of North Miami Beach
- City of Miramar
- City of Boynton Beach
- City of Maitland
- City of Opa-Locka
- Seminole Tribe
- Town of Medley
- Town of Palm Beach
- City of Homestead
- Village of Key Biscayne
- Orange County Utilities
- Palm Beach County Water Utilities
- Fort Pierce Utility Authority
- Jacksonville Utility Authority
- City of Coconut Creek
- Jefferson County (Mississippi)
- St. Lucie County
- Charlotte County
- Gulf Utility
- Broward County Water & Wastewater Services
- Florida Keys Aqueduct Authority
- Miami Dade Water and Sewer Department
- Florida Keys Aqueduct Authority
- Florida Department of Transportation
- Miami Dade Expressway Authority

## WE ARE ACTIVE COMMUNITY PARTNERS

EAC considers it part of its corporate culture and social responsibility to participate, support and contribute as many charity and civic organizations and benevolence programs as possible. Community participation and support is central to EAC’s corporate culture. Some of our major community activities include:

**Christmas in July:** EAC believes in giving back to the community, and as such is a sponsor of the Christmas in July event. This takes place at the Bank Atlantic Center in Sunrise, Florida. Christmas in July is an event organized by two local Kiwanis divisions and the Board of County Commissioners. Their goal is to help homeless children and financially needy families prepare for the new school year. More than





1,200 homeless or financially needy children attend this event yearly and receive personalized backpacks filled with school supplies, clothes, books, toiletries, and shoes.

**American Society of Civil Engineers:** Public Outreach Events -EAC routinely participates in ASCE sponsored STEM Invention Conventions where students from elementary through high school showcase their inventions in science and technology. At these events our staff serve as motivation speakers educating students to choose a career based on their passion for engineering.

**Foundation of Community Assistance and Leadership (FOCAL)** - EAC is a founding member of FOCAL which provides assistance to people in distressed areas and neighborhoods and in so doing, helps them to improve their well-being and develop the leadership skills to improve the well-being of others.

**Society of American Military Engineers:** Career Awareness for Girl Scouts - EAC’s engineers participate as speakers for the STEM Speaks Career Awareness event held on behalf of the Girl Scouts of Tropical Florida. It is an event sponsored by the South Florida Post of the Society of American Military Engineers, and features career oriented women invited to serve as speakers and mentors to the Girls Scouts.

### EAC’s Industry Affiliations

EAC Consulting, Inc. and its staff maintain active memberships in several local, state, national and international professional organizations. Our memberships are in part due to our commitment to our industry and fostering the ideals for which we stand for. Some of the organizations and associations that we participate in and are affiliated with include:

- American Public Works Association (APWA)
- Florida Engineering Society (FES)
- American Society of Civil Engineers (ASCE)
- American Water Works Association (AWWA)
- Florida Institute of Consulting Engineers (FICE)
- American Water Works Association (AWWA)
- American Council of Engineering Companies (ACEC)
- Florida Airports Council (FAC)
- Florida Transportation Builders Association (FTBA)
- International Bridge, Tunnel and Turnpike Association (IBTTA)
- Society of American Military Affairs (SAME)
- American Institute of Certified Planners (AICP)

### EAC’S AWARDS AND INDUSTRY RECOGNITION

Engineering excellence for EAC means the satisfaction of clients, exceeding expectations, reaching out to the communities served, preserving the firm’s culture, and enhancing the welfare and professional aspirations of our staff. While EAC’s staff daily interactions and associations are not conspicuously targeted to acclaim, our award winning culture and our resolve for engineering excellence naturally gravitates, and results in our delivery of premier service to every client. Remarkably our award-winning culture continues to earn the firm credibility and a strong reputation in different jurisdictions where we perform services. EAC staff have the expertise and proven performance to warrant an opportunity to provide general engineering services to the City of Key West. We have served public agencies and our experience with public agencies has continued to develop as a result of our ability to successfully serve as an extension of our clients. Our proven performance is recognized in the industry through awards that include:





- **Engineer of the Year**- Florida Engineering Society (FES)
- **Environmental Stewardship Award** - American Association of State Highway and Transportation Officials (AASHTO)
- **Engineering Excellence Award** –Florida Institute of Consulting Engineers (FICE)
- **Platinum Award for Engineering Excellence** – American Council of Engineering Companies (ACEC)
- **Outstanding Minority Business of the Year** - Greater Miami Chamber of Commerce (GMCC)
- **Outstanding Project Award** – Florida Department of Transportation (FDOT)
- **Consulting Engineer of the Year**- American Institute of Architects (A.I.A)
- **Best In Construction Award** – Florida Transportation Builders Association (FTBA)



*One Human Family*



## **SECTION 2**



# **TEAM QUALIFICATIONS AND EXPERTISE**

"EAC Consulting, Inc. provided great services and the project was completed on schedule and within budget."

—**Clece Aurelus, PE** Engineering Manager, City of Hollywood Public Utilities



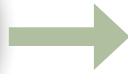
## SECTION 2 TEAM QUALIFICATIONS AND EXPERTISE





### CRITERION 1

Specialized experience and technical competence of the firm in the listed disciplines

### TEAM STRUCTURE & ORGANIZATION

EAC has teamed with qualified and experienced sub consultants in order to provide timely services to the City of Key West for all five disciplines described within RFQ #17-002. This EAC team has already successfully provided services to the Keys and Monroe County. The team’s goal is to be the “one stop service provider” for engineering services to the City of Key West, and the team is tailored specifically for the City. Our key sub consultants are Kessler Consulting, Cummins Cederberg, and United Engineering, and this team will provide seamless services under this contract.



EAC TEAM	
	Civil Engineering Services – EAC Consulting, Inc
	Utility Engineering Services- EAC Consulting, Inc
	Solid Waste Engineering Services- Kessler Consulting, Inc
	Coastal Engineering Services – Cummins Cederberg
	Structural Engineering Services – United Engineering, Inc

The EAC Team structure is organized in a hierarchical order, stemming from Project Leadership to the Project Execution and Delivery teams, to our Technical Support Services Team. The five individual Project Execution and Delivery teams will be responsible to provide services for the five individual engineering disciplines: Civil, Utility, Solid Waste, Coastal, and Structural. We emphasize “teams” in our organization, and our team strategy is to create the ability to work on concurrent assignments and ensure readiness to undertake services on a moment’s notice.

### KEY SUB CONSULTANTS

Our key sub consultants- Kessler Consulting, Cummins Cederberg, and United- are experienced and familiar with working on City of Key West projects, and they have a successful track record with the City. Following is a brief introduction of our leading sub consultants for this contract.





**Kessler Consulting, Inc.** is committed to providing high quality value-added solid waste management consulting services to the City. For 26 years, Kessler has developed innovative and practical solutions for a wide range of solid waste management issues. Kessler completed the City of Key West’s Solid Waste Master Plan. This firm is a Florida-based company, with a proven track record of work on more than 300 solid waste projects and for more than 160 public and private sector clients. Kessler’s combination of knowledge, experience, and creativity enables them to quickly identify obstacles and develop solutions that are pertinent, forward-looking, cost-effective, and sustainable.



**Cummins Cederberg** has extensive experience in coastal and marine engineering in South Florida, as well as throughout Latin America and the Caribbean, for both private and public clients. This company’s experience ranges from initial field investigations- such as bathymetric surveying, soil borings, current and wave measurements- through detailed analyses utilizing complex computer models, through to the subsequent design of coastal structures, marinas and ports. Construction in the coastal and marine environment involves insight into many disciplines, and Cummins Cederberg brings a collection of qualifications and experience rivaled by few companies. This firm has extensive experience working in the Keys and is an asset to this contract.



**United Engineering, Inc.** brings Key West experience to this contract. They have worked on several Key West projects such as Waterfront Market Rehabilitation, Key West Band Room Repair and Piano Shop Rehabilitation. United is dedicated to deliver seamless combination of architecture and engineering through service, innovation and practicality. They are well known for their structural design services that include New Construction, expert witness, peer review, value engineering, forensic investigation, rehabilitation/repair, and construction observation. Some of their landmark project experience included Marlins Ballpark, Miami Intermodal Center, and Baptist Hospital West Kendall.

## SUB CONSULTANTS FOR SUPPORTING SERVICES

EAC’s hand-selected experienced and qualified sub consultants will provide support services for all five engineering disciplines solicited. Their experience brings added efficiency to Team EAC. Following are brief descriptions of our support services sub consultants.



**Sandra Walters Consultants, Inc. (SWC)** is headquartered in Key West and has provided services since 1997 in all areas of ecological and environmental consulting. SWC staff are experts in land use and public facilities planning and permitting- including habitat assessments, wetland permitting and mitigation design, environmental impact statements, compliance monitoring, development agreements, and submerged land leases. This company is also very experienced at coordinating communications- including public information and involvement programs- and is fully acquainted with all NEPA requirements. SWC is experienced in working with the City of Key West, the City of Marathon, and Monroe County, and brings valuable experience to this contract.



**HADONNE**

**Hadonne** is a Florida based SBE surveying and subsurface utility engineering firm, and is a key member of our team. Hadonne staff of professional utility locators, surveyors, and utility coordinators have the expertise required to deliver accurate utility information needed to make informed project decisions. Hadonne utilizes the latest state-of-the-art vacuum excavation and survey data collection technology- including ground penetrating radar (GPR)- to obtain the exact horizontal and vertical location of existing utility lines in conflict with proposed infrastructure.



**Professional Service Industries, Inc. (PSI)** is a nationally recognized engineering and testing firm and will provide geotechnical engineering services. PSI’s services include subsurface exploration, in-situ testing and geophysical testing, laboratory testing, landfill exploration, construction recommendations, pavement analysis, and design and groundwater evaluations. PSI maintains a fleet of drilling and CPT equipment that can perform a variety of sampling and in- situ testing. PSI is experienced in working with Monroe County and brings important expertise to this contract.

**Concrete Analysis & Testing Laboratories, Inc.**

**Concrete Analysis and Testing Laboratories** is headquartered in Marathon and brings experience in field sampling, and testing of soil and concrete materials for roadways, bridges and buildings. Their field sampling and testing experience includes in-place soil density testing, sampling of aggregates for laboratory testing, and base coring. Additionally, they have experience observing and monitoring earthwork operations for preparation of road beds, removal of unsuitable soils, excavation for installation of spread footings, installation of auger-cast piles, and more.



**William P. Horn, PA** is headquartered in Key West and has worked on numerous projects across Monroe County that brings unparalleled value to this contract. Some of their signature projects in Key West include Key West Chamber of Commerce, Key West Police Station, Sugarloaf Elementary School, Dockmaster - Garrison Bight, Higgs Beach Master Plan and Visitors Center, and Horace O’Bryant Middle School. Their Principal Architect William P. Horn is a national member of the US Green Building council and will ensure LEED practice for buildings on this contract.



**Curtis & Rogers Design Studio** was formed with the purpose of providing quality Landscape Architecture /Planning Services. Curtis & Rogers is committed to utilizing state of the art technology to serve the client and project’s needs accurately. They have worked on numerous landscape projects throughout the tri-county area. Some of their significant projects include Miami Dade Children’s Courthouse, American Airlines Arena, Zoo Miami, Parrot Jungle and Gardens at Watson Island, the Wilkie Ferguson US Federal Courthouse, Miami Children’s Museum, and countless parks such as Camp Matecumbe, Deering Estate, Doral Park, Gibson Park, Moore Park, and schools.

**GIT CONSULTING LLC**  
Civil • Water • Environment • GIS

**GIT Consulting** is a SBE engineering company with extensive knowledge on Sea Level Rise (SLR). The company principal, Georgio Taichev, PE, PhD, is a member of Miami-Dade County’s Climate Change Task Force. EAC’s team is ready to address any impact due to SLR with GIT on the team.



**Gartek Engineering Corporation** is a minority-owned and operated - a DBE/M/SBE/CBE certified firm- by several agencies and municipalities throughout the State of Florida. Gartek has been providing services throughout Florida for over 35 years. This firm’s knowledge and experience in Florida will translate to success with each mechanical, electrical and plumbing task under this contract.



## TEAM LEADERSHIP

### Committed and Proven Project Manager



Based on our experiences over the years at Monroe County, EAC has accomplished unparalleled success in undertaking projects and implementing the necessary methodologies to achieve solutions on time and under budget. This is due to the firm's ability to provide the necessary leadership for its projects and contracts. The success of services performed on this contract will be contingent on effective project management. Our designated project manager for this contract is **Sharmin Siddique, PE**. Sharmin is uniquely experienced for this project, having served in a similar role on several monumental General Engineering Services contracts located within Monroe County. Sharmin is an experienced leader in the engineering industry and is well known in Monroe County. Her wealth of experience, specifically on urban corridors and residential neighborhood projects, is beneficial to the objectives of the City on this solicitation.

Ms. Siddique has more than twenty two years of engineering experience and thoroughly familiar with the engineering and construction standards applicable to projects to be undertaken as part of this contract. Sharmin is also versed in alternative project delivery methods, and is very aware of how projects develop and evolve- having been involved from both the consultant and client perspective. She will communicate directly with the City on issues relating to project tasks, design procedures, and implementation, as well as general project coordination. Sharmin will also work diligently with discipline leaders as well as task leaders to ensure that the maximum level of service is provided to the City.



Our Principal-in-Charge, **Michael "Mike" Adeife, PE**, a Senior Vice-President with EAC Consulting, Inc. will provide corporate oversight over our services on the contract, and therefore will provide corporate and management support to our Project Manager, Sharmin. During his career, Mike has become very familiar with public sector clients and is a well known professional in the industry. Mike's proven skills as a certified professional engineer are valuable assets that he brings to this contract.



Our assigned Client Services Manager will be **Huntley Higgins, PE**. His expertise includes civil engineering with extensive experience in infrastructural development type projects for public and private facilities and environmental-related projects. Huntley has served as Project Manager for several continuing services contracts. His primary role will be to provide assistance to our Principal-in-Charge to deliver quality work products that meet the schedule and budgetary requirements of the City and to ensure that the City's goals and vision are met.



Our Team Lead for Solid Waste Engineering will be **Mitch Kessler**. Mitch is a nationally recognized expert in the procurement and operations of solid waste collection systems and materials recovery programs and facilities. He is especially knowledgeable in collection and market development issues as they relate to the economic viability of solid waste and recycling. Mitch has worked on several projects though out Florida including the Solid Waste Master Plan for City of Key West.



**Jason R. Cummins, PE** will lead our Coastal Engineering Services. Jason is a Coastal Engineer with significant experience in planning, engineering, regulatory permitting and construction of coastal and waterfront development and infrastructure projects in Florida, Caribbean and Latin America. He is experienced in planning and feasibility of marine infrastructure projects. His expertise includes under water investigations, bathymetric surveying, coastal design criteria - tides, waves, currents, hurricanes and Structural design of steel and concrete marine structures. He has worked on several Key West projects.



**Juan Fuentes, PE** will lead our Structural Engineering Services. Juan is an experienced structural engineer with projects in City of Key West. Juan's expertise includes new construction, expert witness, peer review, value engineering, forensic investigation, rehabilitation/repair, and construction observation. He is also experienced in providing structural services for Historical buildings. His experience and knowledge will ensure all structural requirements on this contract are met.



## EAC TEAM ADVANTAGES

- **Local Team** and Local Resources Committed to On-Call Services: All the firms comprising the EAC Team have local offices in South Florida, and have been providing services in Monroe County for an extensive amount of time.
- **Indigenous Firms:** The team also includes several locally founded firms **headquartered in Key West.**
- **Expertise and Experience in Handling Scope Issues:** EAC and its team of sub consultants have worked on similar tasks and projects requiring the skills and proficiencies needed for the anticipated scope of services outlined in the RFQ. EAC has assembled a highly efficient team that covers the wide range of services expected on the contract. In fact, assembling the team was predicated on listing the scope of work and then matching consultants with proven industry experience- and that have partnered together on previous undertakings. Our team is “tailor-made” and ready to work on this contract.
- **Project Manager and Team Leadership with Knowledge of the Keys:** EAC has been working with Monroe County since 2010. Our Project Manager, Sharmin Siddique, PE, is currently the EAC Client Manager for Monroe County. She is knowledgeable about the soil condition, sea-level-rise impact, existing utilities (such as the Florida Keys Aqueduct Authority, Keys Energy Services, and Operations Management International).
- **Familiarity with Continuing Services Agreements:** EAC has worked with over thirty municipalities and is intimately knowledgeable about the requirements of such contracts. EAC’s extensive governmental agency client experience has made EAC staff familiar with the execution and administrative process associated with implementing task orders on this type of contract. On each previous agreement, EAC has maintained a superior level of performance as evidenced in the recurrence of work opportunities the firm has received.
- **Strict Quality Control and Assurance:** EAC’s Project Management Program (PMP) mandates that all contracts be staffed with designated quality control personnel that will engage on technical compliance, biddability, and constructability. Our PMP guarantees that a thorough review is completed with each submittal on assigned tasks.

## Technical Certifications

1.02 Transportation Planning- Mass and Rapid Transit Planning

2.02 Mass Transit Systems- Mass Transit Feasibility & Technical Studies

3.02 Highway Systems- Major Highway Design

3.03 Highway Systems- Bridge Design

3.08 Highway Systems- Intelligent Transportation Systems Analysis, Design, and Implementation

5.01 – Port and Waterway Systems- Engineering Design

5.08- Port and Waterway Systems- Marine Engineering Design

5.09- Port and Waterway Systems – Environmental Design

6.01- Water and Sanitary Sewer Systems- Water Distribution and Sanitary Sewage Collection And Transmission Systems

6.02 Water and Sanitary Sewer Systems- Water and Sanitary Sewage Pumping Facilities

7.1- Signing, Pavement Marking and Channelization

9.01 – Soils, Foundations and Material Testing –Drilling, Subsurface Investigations and Seismographic Services

9.02- Soils, Foundations and Material Testing – Geotechnical and Materials Engineering Services

9.03- Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services

9.04- Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections

9.05- Soils, Foundations and Material Testing – Roof Testing and Consulting

9.06- Soils, Foundations and Material Testing – Asbestos

9.08 – Soils, Foundations and Material Testing –Bio-Hazardous



- 10.1 Roadway Construction Engineering Inspection
  - 10.3 Construction Materials Inspection
  - 10.4 Minor Bridge & Miscellaneous Structures CEI
  - 10.01- Environmental Engineering- Stormwater Drainage Design Engineering Services
  - 10.03 – Environmental Engineering – Biology Services
  - 10.05- Environmental Engineering – Contamination Assessment and Monitoring
  - 10.06- Environmental Engineering – Remedial Action Plan Design
  - 10.07- Environmental Engineering – Remedial Action Plan Implementation/ Operation/Maintenance
  - 10.10- Environmental Engineering- Coastal Process and Ocean Engineering
  - 11.00- General Structural Engineering
  - 12.00- General Mechanical Engineering
  - 13.00 – General Electrical Engineering
  - 14.00- Architecture
  - 15.01- Surveying & Mapping – Support Services
  - 15.03 – Underground Utility Location
  - 16.00 – General Civil Engineering
  - 17.00 – Engineering Construction Management
  - 21.00 – Land Use Planning
- FDOT Certifications**
- 3.01 – Minor Highway Design
  - 3.02 – Major Highway Design
  - 3.03 – Controlled Access Highway Design
  - 4.1.1 – Miscellaneous Structures
  - 4.1.2 – Minor Bridge Design
  - 4.2.1 – Major Bridge Design- Concrete
  - 4.2.1 – Major Bridge Design- Steel
  - 4.2.1 – Major Bridge Design – Segmental
  - 6.1 – Traffic Engineering studies
  - 6.3.1 – Intelligent Transportation Systems Analysis and Design
  - 6.3.1 – Intelligent Transportation Systems Implementation
  - 6.3.1 – Intelligent Transportation Traffic Engineering Systems Communication
  - 7.1 – Signing, Pavement Marking and Channelization
  - 7.2 – Lighting
  - 7.3 – Signalization
  - 9.1 – Soil Exploration
  - 9.2 – Geotechnical Classification Laboratory Testing
  - 9.3 – Highway Materials Testing
  - 9.41 – Standard Foundation Studies
  - 9.42 – Non-Redundant Drilled Shaft Bridge Foundation Studies
  - 9.5 – Geotechnical Specialty Laboratory Testing
  - 10.1 – Roadway Construction Engineering Inspection
  - 10.3 – Construction Materials Inspection
  - 10.4 – Minor Bridge and Miscellaneous Structures CEI



## EAC EXPERIENCE ON SIMILAR CONTRACTS

EAC Consulting, Inc. is well-experienced with working on continuing services contracts for municipalities and public agencies. The following table lists some of our past and present continuing services contracts. Note that not all contracts shown are still active.

CLIENT	CONTRACT NAME/DESCRIPTION	ROLE
Monroe County, Engineering Division	General Engineering Services	Prime Consultant
City of South Miami	General Civil Engineering Services	Prime Consultant
City of Coral Gables	General Civil Engineering Services	Prime Consultant
City of North Miami	Professional Continuing Engineering Services (Citywide)	Prime Consultant
City of Miami	Continuing Engineering Services / Misc. Civil Engineering Services	Prime Consultant
Village of Key Biscayne	Continuing Civil Engineering Services	Prime Consultant
City of North Miami Beach	Miscellaneous Design Services	Prime Consultant
City of Homestead	Miscellaneous Engineering Services / General Engineering Services	Prime Consultant
Town of Medley	Miscellaneous Civil Engineering Services (PSA)	Prime Consultant
Village of Palmetto Bay	General Engineering Services	Prime Consultant
Village of Pinecrest	Professional Engineering Services	Prime Consultant
Village of Islands, Islamorada	Miscellaneous Engineering Services (Open Contract)	Prime Consultant
Town of Sunny Isles	Professional General Engineering Consultant	Prime Consultant
Town of Bay Harbor Islands	General Civil Engineering Services	Prime Consultant
City of Maitland	Professional Civil Engineering Services	Prime Consultant
City of Pompano Beach	General Engineering Services	Prime Consultant
City of Hallandale Beach	General Civil Engineering Services	Prime Consultant
City of Deerfield Beach	Professional Civil Engineering Services	Prime Consultant
City of Fort Lauderdale	Professional Civil Engineering Services	Prime Consultant
City of Hollywood	Professional Engineering Services	Prime Consultant
City of Dania Beach CRA	General Engineering Services	Prime Consultant
City of Weston	Professional Engineering Services	Prime Consultant
Broward County Aviation Dept	General Engineering Consultant (GEC) Services	Prime Consultant
Broward County Const. Division	Comprehensive Engineering Services	Prime Consultant
Broward County HCED	Miscellaneous Engineering Tasks	Prime Consultant
Broward County Public Schools	Miscellaneous Civil Engineering Design Services	Prime Consultant
Broward College	General Civil Engineering Services	Prime Consultant
Miami Dade County WASD	Professional Services Agreement (Needs Assessment Program)	Prime Consultant
Miami-Dade DERM	Professional Services Agreement (Misc. Civil Engineering Services)	Prime Consultant
Miami Dade Parks & Recreation	Miscellaneous Civil Engineering Services	Prime Consultant
Miami Dade DTPW	Miscellaneous Public Works Type Projects (PSA)	Prime Consultant
Miami Dade Aviation Dept	Miscellaneous Structural Engineering Services (PSA)	Prime Consultant
SFWMD	General Engineering Services	Prime Consultant
Florida DEP	Professional Engineering Services for the State of Florida	Prime Consultant
Florida DOT	Misc. Services Contracts (3)	Prime Consultant



## EAC TEAM KNOWLEDGE OF CITY OF KEY WEST AND MONROE COUNTY

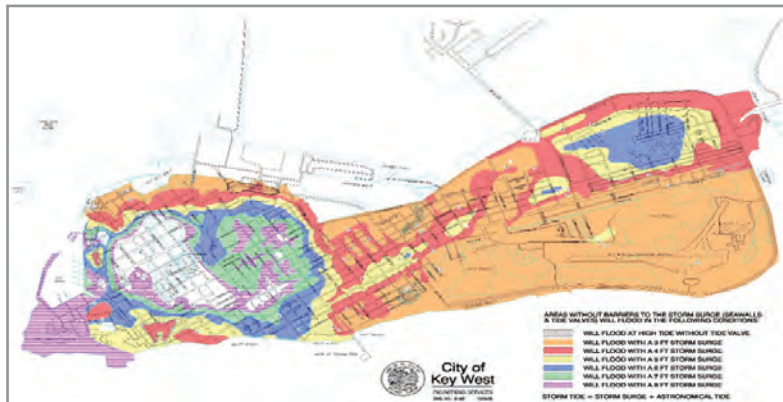
The EAC Team is experienced in working for the City of Key West and Monroe County. Advantages that distinctively qualify EAC's Team for this contract include familiarity with the following plans, reports, and issues related to the City of Key West and the Florida Keys:

- Knowledge of the City of Key West's 2013 Comprehensive Plan, which is the overarching policy document guiding the approach to growth management
- Knowledge of City of Key West's 2011 Strategic Plan
- Knowledge of the City of Key West's 2012 Historic Structures Survey Report
- Knowledge of the City of Key West's 2010 Climate Action Plan
- Knowledge of the City of Key West's 2012 Stormwater Master Plan
- Knowledge of existing infrastructure, such as historic marinas and parks



*Historic Key West Marina*

- Knowledge of existing concerns such as storm surge, sea-level-rise, flooding locations



- Knowledge of the City of Key West's Capital Improvement Program and needed infrastructure improvement
- Knowledge of Monroe County's 2014 Pavement Management Analysis Report
- Knowledge of Standards and Permitting Requirements
- Knowledge of the City of Key West's Capital Improvement Project Evaluation Criteria:
  - Protects public health and safety and natural resources of the area
  - Fulfills the City's legal commitment to provide facilities and services
  - Preserves or achieve full use of existing facilities
  - Maintains compliance with plans of state agencies or the South Florida Water Management District that provide public facilities within the City of Key West





## WE KNOW OUR CITY

Disciplines	Company	City of Key West/Monroe County Project Experience	Successfully completed	As Prime
Civil Engineering Services	EAC Consulting, Inc	Yes	Yes	Yes
Utility Engineering Services	EAC Consulting, Inc	Yes	Yes	Yes
Solid Waste Engineering Services	Kessler Consulting, Inc	Yes	Yes	Yes
Coastal Engineering services	Cummins Cederberg	Yes	Yes	Yes
Structural Engineering Services	United Engineering, Inc	Yes	Yes	Yes

### Experience with the Contracting Process

The EAC Team understands the nature of these project assignments and the typical sequence of events upon notification of a project assignment. The exhibit on the right is a graphical presentation of

the project assignment process typically utilized on general engineering service contract. A discussion of the key elements of the contracting process is presented as follows:

### Scope of Services

Project assignments are generally unique and may not have a defined Scope of Services. As such, it is our responsibility to work with the City's Project Manager to develop and finalize an acceptable Scope of Services (Scope).

### Fee Negotiation

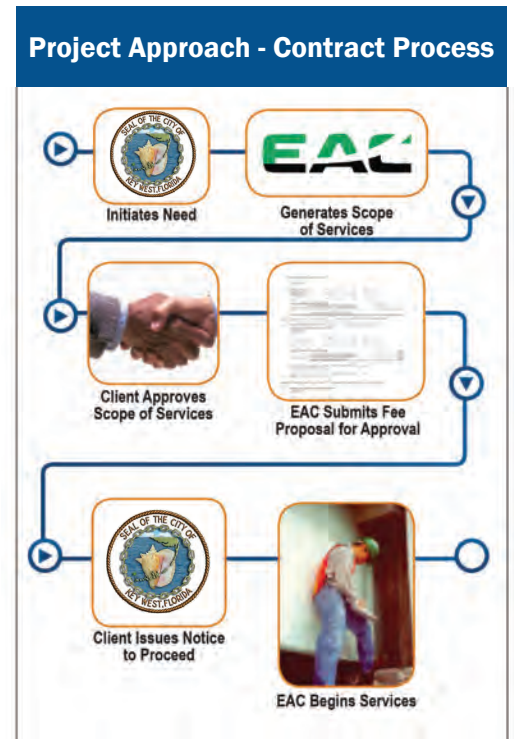
A fee schedule will be developed to be consistent with the work effort described in the scope. The salary and overhead rates applicable to the agreed upon staff-hours will be as specified in the contractual agreement. Established hourly rates approved by the City will be utilized in determining a lump sum fee in accordance with the finalized scope of services. Alternatively the approved hourly rates can be utilized in cost plus not-to-exceed terms. The services will then be provided based on final negotiated terms.

### Notice to Proceed

Once the Notice-To-Proceed is issued on an assignment, the EAC Team will begin the performance of services. The EAC Team will officially respond to the notice from the City and initiate a project kick off meeting, where key members of the EAC Team will be in attendance. A deliverable schedule will be developed in conjunction with the City's Project Manager for the project, based on established milestones.

### Schedule and Response Time

EAC is aware that fast response times, as well as the ability to provide the necessary feedback in a short time frame, will be critical for each assignment and project. In the case of emergency projects, EAC is willing to commence services upfront and resolve compensation issues at a later time. The EAC Team will commit its resources to accommodate the City's schedule requirements and needs.

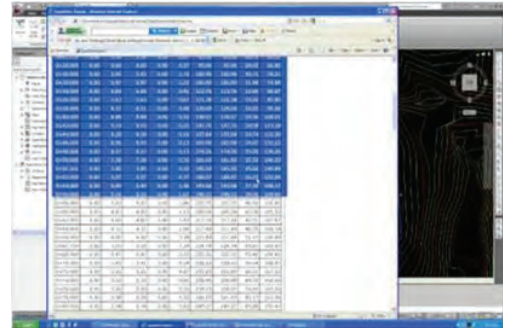




### Efficient Plan Production

EAC is a technology leader and utilizes the latest software and hardware to carry out the efficient and effective provision of services. EAC staff’s ability to combine conventional approaches to projects as well as our knowledge of technological advancements allow us to continuously maintain proficiency in the field of engineering services, as well as uphold our commitment to provide quality services to our clients. The use of the latest software and tools in no way replaces our commitment to traditional practice approaches, however, we have utilized programs on projects to better serve the needs of our clients relative to design accuracy and consistency, production and delivery speed, and budget control.

Our ability to utilize current state of the art software analyses, and design and management tools, plays an increasingly important role in our success of satisfying our clients on a consistent basis. EAC’s staff uses computer aided design (CAD) software which enables our engineers to create 3D models, 2D drawings, and schematics of their designs. Our product is often the delivery of a set of contract documents (plans and drawings included) that can be transformed into reality through implementing good construction processes. EAC is intimately familiar with most of the CAD software available in the industry today and has in-house capability to utilize these tools including Autodesk AutoCAD Suite, Autodesk Civil 3D, Autodesk Autocad LT, and Bentley Microstation V8i.



### Effective Construction Management Software Implementation

Utilizing construction management software to improve capital projects delivery is an approach that brings tremendous benefits to public agencies. EAC’s experience with project and construction management software is a differentiator. We are accustomed to working with public agencies in implementing their capital projects, and we often encourage decision makers to utilize software that provides the required level of interaction between all stakeholders on a real time basis. We are aware that several Monroe County agencies are considering the use of one of these platforms to manage their CIP programs.

At EAC, we are able to facilitate the implementation of these commercially available software (e.g., Prolog®, E-builder®, Projectmates® and Procure®) and customize it to the City’s specific needs. EAC has a Program Controls Division that works to ensure that capital projects can be managed on a platform that is accessible to stake holders, and allows for transition and transparency during periods of turnover.



### Proven Qualifications – What Our Clients Say

EAC has built a strong portfolio of successful projects which has resulted in gaining the trust of clients from our public sector clients- ranging from federal agencies to county to local / municipal government entities. EAC makes client service a priority, and client relationships are the cornerstone of the firm’s existence by ensuring repeat business. This is evident in that more than 75% of EAC’s workload is repeat business from existing clients, and another 15% of the firm’s workload is from clients that were referred to us by our existing clients – so 90% of EAC’s business is based on positive client experience. This characteristic also ensures that on assigned projects, EAC’s staff seek innovative solutions that bring value to our clients;



whilst accomplishing two major tenets of successful projects – Early Completion and Under Budget.

*“EAC Consulting, Inc. provided great services and the project was completed on schedule and within budget”- Clece Aurelus, PE, Engineering Manager, City of Hollywood Public Utilities*

*“EAC has been instrumental in coordinating and negotiating the elements of the conceptual design with the community and the permitting process” - Janette Fernandez Arencibia, PE, Capital Projects Improvements Office, City of Miami Beach*

*“All work has been completed on time and within budget and the engineering analysis and design is thorough adheres to standards and guidelines”- Judith S. Clarke, PE, Director of Engineering Services*

### EAC Team Technical Approach

The EAC Team’s Technical Approach will be followed in general for each of the five disciplines under this contract. Specialized requirements are discussed under each discipline respectively. The goal of the EAC Team will be to focus on implementing contract approaches that ensure that the City’s objectives are attained. EAC’s complete understanding of the City’s needs; our familiarity with this type of contract and how the contract will be managed; and our knowledge and familiarity with potential project issues and requirements; provides us with the basis to successfully deliver the requisite services. The general process involved in the process of carrying out an assignment or project will broadly encompass the following activities. Sometimes it may be necessary to eliminate or condense this process for schedule reasons or for instances when the process is not practical. In addition, there may be unique project circumstances that compel the need to implement additional project execution strategies to ensure that the project or assignment is carried out to the expectations of our clients.



**Field Reviews** - At the commencement of each project, EAC will schedule a field review for our team members and personnel, and will invite applicable assigned staff from the City. Discussions and observations will be aimed at reviewing the background of the project and any important issues, problems, or requirements.

**Data Collection**- This is an extremely important element of any project. Data to be collected includes as-built plans, as well as previous reports of data and assessments done within the project- its vicinity or close by.

**Utility Coordination** - Utility Coordination involves the process of reviewing all available existing data, contacting all utility owners through the Florida Sunshine One (811) Call System and establish a platform for open dialogue and exchange of existing and future infrastructure. This process is extremely critical to pipeline design and installation because it helps to resolve and coordinate the capital project objectives of the various utility owners, while minimizing the occurrence of surprises and potential conflicts in construction.

**Review the Regulatory Requirements and Design Criteria** - Our team will proceed to review federal, state, regional, and local agency rules and ordinances having jurisdiction over the development of facilities in the





area. These agencies will include- at a minimum- FDOT, SFWMD, FDEP, FKNMS, USACE and local authorities. This review helps avoid developing alternatives that may not be feasible from a permitting or regulatory approval standpoint.

**Surveying and Mapping**- We will perform topography and surveying services to obtain actual locations of site features, elevations and important geometric data critical for design computations and analyses. All survey work will also comply with the Minimum Technical Standards for Surveying and Mapping, according to Chapter 5J-17.052 of Florida Administrative Code, as adopted by the Board of Professional Surveyors, Chapter 472, Florida Statutes. Our survey work and deliverables shall be in strict accordance with City requirements.

**Review the Regulatory Requirements and Design Criteria** - Our team will proceed to review federal, state, regional, and local agency rules and ordinances having jurisdiction over the development of facilities in the area. These agencies will include - at a minimum - FDOT, SFWMD, FDEP, FKNMS, USACE and local authorities. This review helps avoid developing alternatives that may not be feasible from a permitting or regulatory approval standpoint.

**Surveying and Mapping**- We will perform topography and surveying services to obtain actual locations of site features, elevations and important geometric data critical for design computations and analyses. All survey work will also comply with the Minimum Technical Standards for Surveying and Mapping, according to Chapter 5J-17.052 of Florida Administrative Code, as adopted by the Board of Professional Surveyors, Chapter 472, Florida Statutes. Our survey work and deliverables shall be in strict accordance with City requirements.

**Geotechnical Engineering** - A detailed geotechnical evaluation will be conducted for each assignment to know the soil condition and existing pavement information.

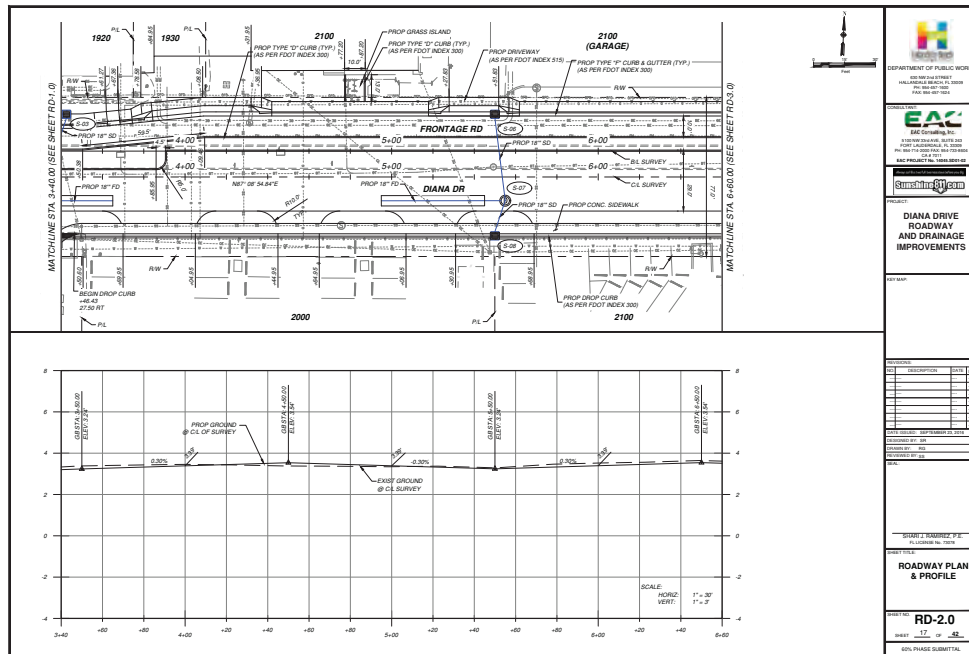
As-builts and Utilities Verification - Existing utilities will be researched extensively by collecting and analyzing as-built data, survey information and site investigation. Sub-surface utility investigation/engineering (SUE) may be applicable and- if deemed necessary- will be recommended by our engineers.

**Environmental Contamination / Assessments** - Our team will review each project’s immediate area for potential environmental concerns that would have an impact on design or construction, require permitting, or could impact the project cost or schedule. Our team understands that the potential for contamination in the area could affect a project. We understand that any work being conducted in a contaminated area must comply with the applicable requirements of the Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP). All construction activities including dewatering, and disposal of any contaminated materials will be conducted in accordance with current City policies, procedures, and specifications. We will maintain open lines of communications with the City to discuss any proposed environmental activities.

**Design Phase Services** - Our team will primarily ensure that the proposed engineering design(s) conforms to the City’s standards and applicable Monroe County and other jurisdictional design guidelines. The drawings will be developed to proper legibility scale for comprehension by reviewing agencies/entities as well as for ease and clarity of construction. Technical specifications and provisions for construction will be fully consistent with established design and construction standards and jurisdiction criteria. We will also develop the probable cost estimate at each submittal milestone. EAC Team will submit project deliverables to the City at 30%, 60%, and 100% Design Phase or any other Design Phase the City wishes to include.



**US Army Corps  
of Engineers**®



**Permitting and Jurisdictional Approvals-** At the completion of the final design phase, all necessary applications and submittals for permits will be made to the respective jurisdictional entities. We will ensure that we diligently keep track of the review processes and attend expeditiously to the resolution of issues requiring design intent/clarification. EAC and our team members have extensive experience with the preparation of permit application packages for various types of infrastructure improvements.

**Bid and Award Support Services-** The EAC Team will work in partnership with the City to finalize the bid package and support the City of Key West Engineering and Procurement Department as needed during the procurement phase.

**Construction Administration-** The EAC Team shares the City’s goal to be proactive towards construction issues. The EAC Team believes that the best philosophy to engage during construction is to implement measures that prevent problems and issues before they occur. However, problems and issues may develop which were unforeseen and unavoidable. In these situations we will immediately take steps to ensure resolution of the problems/issues as soon as possible. As important as the resolution of the problem/issue is the implementation of measures to ensure the problem/issue does not occur again. Our team has the expertise to provide construction administration services for this contract. Some of the tasks anticipated in Construction Administration include:

- Attendance at Pre Construction Meetings
- Shop Drawings Reviews
- RFI Responses
- Response to Unforeseen Conditions
- As needed Attendance at Construction /Field Meetings
- Construction Inspections
- Substantial Completion and Final Inspections
- Record Drawings

**Team Experience and Competence by Discipline**

The EAC Team’s knowledge of the City allows for a full understanding of the needs and expectations of the City’s Board and staff. We are familiar with the diverse scope of this contract and have personnel with the relevant expertise and resources to address these needs. Our availability and resources are such that we can always have a member of EAC Team available to the City at a moment’s notice. Our knowledge of the City’s procedures and operations will allow us to effectively and successfully provide the tasks associated with this contract.

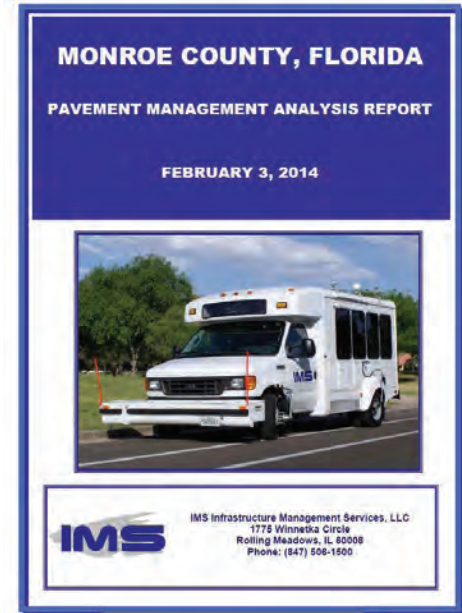


## 1.A CIVIL ENGINEERING SERVICES

### Understanding Scope

The EAC Team has a working knowledge of the City and Monroe County, and is aware of the existing civil infrastructure condition of the City. We are aware of the proactive steps the City has taken to identify critical infrastructure issues, and have implemented policies to mitigate, in order to provide the highest level of service and a standard of living that is second to none.

- Pavement Management Analysis Report – Identifies roadway segments in need of rehabilitation
- Sea-Level-Rise impact on roadways and drainage systems from the City’s Sustainability Advisory Board
- Environmental assessment needs as per the City’s Sustainability Program
- Need to preserve Historic Resources
- Need for greener and sustainable infrastructure
- Implement LEED practice



### EAC Team Technical Expertise

Our Team expertise in Civil Engineering projects covers all aspect of civil engineering scope of work and phases of work. The following table shows our expertise in different phases and type of projects.

Firms	Project Phases																Support Services												
	Planning	Design and Permitting											Bidding & Award		Construction Administration														
		Permitted Construction Documents																											
	Urban Planning	Land Use Planning	Roadways & Intersections	Parks & recreational Facilities	Sidewalks & pedestrian trailways	Canal Embankment stabilization	Wetland Mitigation	Pavements	Parking Lots	Miscellaneous Structures	Mechanical Electrical & Plumbing	Bid Analysis	Bid Recommendation	RFI, Site Inspections & Reports	As-Builts & Record Drawings	Substantial Completion & Closeout	Topographic Survey	Subsurface Utility Engineering	Geotechnical Engineering	Landscape Architecture	Sea-Level-Rise Impact Analysis	Green Infrastructure and Sustainability Analysis	LEED Credits	Concrete Analysis Materials Testing	Environmental Assessment	Public Outreach	Grant Assistance		
EAC Consulting, Inc	x		x	x	x	x	x	x	x	x		x	x	x	x	x							x	x					x
Hadonne Corporation																	x	x											
Prospect Surveying LLC																	x												
Curtis & Rogers Design Studio Inc																				x									
United Engineering, Inc																													
Sandra Walters Consultants, Inc.(SWC)			x				x																			x	x		
Professional Service Industries, Inc. (PSI)						x	x		x										x					x	x				
Concrete Analysis and Testing Laboratories																									x				
GIT Consultin, LLC																					x	x				x			
Gartek Engineering Corporation											x														x				



## Knowledge of Permitting Requirements

Urban Planning Projects- These projects will likely require reviews and approvals by internal departments within the City of Key West- including, but not limited to, the Planning, Public Works, Building and Zoning, Parking, Public Services, Parks and Recreation, Fire, and the Police departments.

**Roadway/Drainage Improvements Projects** - Depending on location within the City, these projects would likely require full or cursory reviews and approvals of internal departments within the City of Key West- including but not limited to the City's Public Works, Parks and Recreation, and Police departments- especially to coordinate any maintenance of traffic concerns generated due to construction activities. These projects may also trigger external approvals of several agencies that have jurisdiction over environmental and stormwater/drainage management and control. These agencies may include the SFWMD and FDEP. EAC has extensive experience with all these agencies- having permitted work directly with them in the past and served as a consultant for all these entities. In certain circumstances roadway improvements within municipal boundaries will have an impact on State or County maintained roadways or facilities. In this situation, the review and approval of the Florida Department of Transportation (FDOT) and/or County Public Works Department will be triggered.

**Buildings, Electrical, Mechanical, Plumbing, HVAC and Fire Protection Improvements Projects** - Depending on location within the City boundaries, these projects will likely require full or cursory reviews and approvals of internal departments within the City of Key West, including, but not limited to, the Building and Zoning, Parking, Planning, Public Works, Parks and Recreation, and Fire departments.

**Historic Preservation Projects** - Realizing the rich history of the City of Key West, there may be projects that require the coordination with, review, concurrence, and approval of the City's Historical Resources Department. We will ensure that the needed approvals are obtained prior to developing full scale documents for construction.

**Parks and Recreational Facilities Projects**- These projects will require the review and approval of several internal City departments such as Public Works, Planning and Zoning, Parks and Recreation, and Building departments. Some projects may however trigger external permitting and approvals from Monroe County agencies and State agencies.

## 1.B: UTILITY ENGINEERING SERVICES

### Understanding Scope

Our team's strong local presence in Monroe County affords us great familiarity with local conditions, local jurisdictions, and site-specific concerns that are critical in demonstrating an understanding of the City's objectives on this contract. We are aware of the City's utility structure. The general utilities of the City of Key West falls under the General Services (Utilities) Department which includes Wastewater, Stormwater and Solid Waste divisions. The Utilities Department is also responsible for managing the City's Solid Waste and Hauling Contracts with Waste Management, Inc. Our understanding of the City's Solid Waste System and the services required are discussed under Section 1.C. The Florida Keys Aqueduct Authority (FKAA) is an independent organization that provides potable water to the City. However, water distribution to residents and businesses are always very important to the City.

### Our understanding of City's Wastewater and Stormwater System

**Wastewater**- The City of Key West currently contracts Operations Management International, Inc. (OMI) to operate and maintain the Richard A. Heyman Environmental Pollution Control Facility and associated sewer collection system. Rehabilitation, replacement, or new sanitary sewer may be needed due to age, undersize and/or deterioration of the existing system. The City may also need to address issues stemming from the ongoing Infiltration and Inflow to the system. Sewer system extensions within the City's service area may be needed for the addition of sewer infrastructure to service commercial and industrial properties currently not connected.

**Stormwater** - The City's Stormwater Capital Plan is in place to manage the City's water quality, divert flow from outfalls and to prevent flooding. The plan also recommends pump-assist injection wells and the elimination or retrofit of 63 outfalls, installation of injection wells and retrofit of injection wells. Low lying City of Key West is susceptible to Sea-Level-Rise. Monroe County has conducted a Sea-Level-Rise study and cities are incorporating Sea-Level-Rise in their infrastructure design. The EAC Team has worked on several projects that have incorporated Sea-Level-Rise in their design. Our experience will bring added advantage in addressing Sea-Level-Rise issues at the City.



Key Largo

Stock Island II Roadway Improvements

Lake Surprise

## EAC TEAM TECHNICAL EXPERTISE

EAC Team utilities expertise are in the following areas:

- **Water distribution system**
- **Sewer collection system**
- **Reuse transmission mains**
- **Pump Stations & Outfalls**
- **Stormwater collection system**

### Hydraulic Analyses

**Water & Wastewater:** Our team is very familiar with the water and sewer hydraulic modeling software, Infoworks. We have recently completed Water and Sewer Modeling projects for the Broward County Aviation Department and the City of Opa-Locka.

**Stormwater Pump Stations & Outfalls:** We are also experienced with the stormwater modeling software, ICPR. We have worked for the Village of Key Biscayne, where we provided analyses and design services for the Village's pump stations and outfalls. The EAC Team has the technical knowledge and hands-on experience required to meet any of the City's modeling needs for its utilities. The modeling effort, if requested, may assist the City of Key West in determining operational costs of rehabilitation alternatives being evaluated.



Stormwater master plan for Village of Key Biscayne.





The following charts shows the City's upcoming sewer modeling project and "Dennis Street Pump & Outfall project. EAC Team has the experience and qualification to complete the project on time and within budget

**City of Key West  
Annual Budget  
Fiscal Year 2016/2017**

Fund: 401 Sewer Fund  
Department: 3503 Renewal and Replacement

Key	Object	Account Description	Category	FY 2013/2014 Actuals	FY 2014/2015 Actuals	FY 2014/2016 Adopted	FY 2016/2016 6 Mth Amnd	FY 2016/2016 6 Mth Actuals	FY 2016/2017 Dept Req	FY 2016/2017 CM Review	FY 2016/2017 CC Adopted
4013503	5351200	Regular Salaries & Wages		\$80,373	\$54,855	\$55,276	\$55,276	\$25,176	\$57,402	\$57,402	\$57,402
4013503	5351300	Non Premium Time		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4013503	5351400	Overtime		\$7,481	\$3,729	\$14,400	\$14,400	\$3,747	\$14,400	\$14,400	\$14,400
4013503	5351500	Special Pay		\$1,509	\$363	\$360	\$360	\$171	\$360	\$360	\$360
4013503	5352100	PICA Taxes		\$6,936	\$4,910	\$5,434	\$5,434	\$2,226	\$5,520	\$5,520	\$5,520
4013503	5352200	Retirement Contributions		\$7,907	\$4,459	\$4,947	\$4,947	\$1,920	\$5,026	\$5,026	\$5,026
4013503	5352300	Life & Health Insurance		\$16,904	\$11,582	\$12,089	\$12,089	\$5,192	\$12,342	\$12,342	\$12,342
4013503	5352400	Workers Compensation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Personnel Services</b>				<b>\$121,010</b>	<b>\$79,608</b>	<b>\$93,696</b>	<b>\$93,696</b>	<b>\$38,481</b>	<b>\$96,040</b>	<b>\$96,040</b>	<b>\$96,040</b>
4013503	5353100	Professional Services		\$29,805	\$55,232	\$30,000	\$30,000	\$1,158	\$330,000	\$330,000	\$330,000
GENERAL ENGINEERING NEW-CP - SANITARY SEWER MODELING											\$300,000 \$300,000
4013503	5353200	Accounting & Auditing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4013503	5353400	Other Contractual Service		\$0	\$1,402	\$1,300	\$1,500	\$0	\$0	\$0	\$0
4013503	5354100	Communications/Postage		\$0	\$0	\$0	\$0	\$0	\$900	\$900	\$900
CELL PHONE											\$880
4013503	5354400	Rentals & Leases		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4013503	5354600	Repairs and Maintenance		\$123,377	\$195,753	\$286,000	\$286,000	\$53,345	\$251,200	\$251,200	\$251,200
FLEET MAINTENANCE MISC SEWER SYSTEM REPAIRS - LEAK REPAIR PUMP REPAIRS AND IMPELLERS											\$1,000 \$210,000 \$40,200
4013503	5354800	Promotional Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4013503	5354900	Other Current Charges		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4013503	5355200	Operating Supplies		\$1,130	\$4	\$500	\$500	\$0	\$600	\$600	\$600
LIQUID TRACING DYE MEASURING WHEELS & MISC TOOLS SPENT SERVICES INSTRUCTIONS TRAFFIC FLARE											\$100 \$100 \$200 \$100
4013503	5355201	Fuel		\$12,757	\$7,948	\$11,500	\$11,500	\$2,661	\$10,000	\$10,000	\$10,000
FLEET FUEL DIESEL FLEET UNLACED											\$100 \$100

**City of Key West  
Annual Budget  
Fiscal Year 2016/2017**

Fund: 402 Stormwater Utility  
Department: 3802 Construction

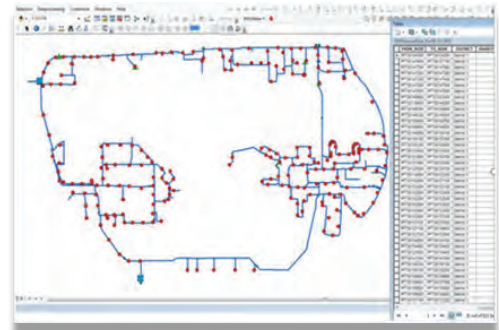
Key	Object	Account Description	Category	FY 2016/2016 Actuals	FY 2014/2016 Actuals	FY 2016/2016 Adopted	FY 2016/2016 6 Mth Amnd	FY 2016/2016 6 Mth Actuals	FY 2016/2017 Dept Req	FY 2016/2017 CM Review	FY 2016/2017 CC Adopted
4023802	5383100	Professional Services		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4023802	5384600	Repairs and Maintenance		\$18,426	\$1,548	\$80,000	\$80,000	\$0	\$430,000	\$430,000	\$430,000
EMERGENCY REPAIR EXPANSE CANAL COSTS EXPANSE CANAL EROSION REPAIR											\$80,000 \$100,000 \$300,000
4023802	5384900	Other Current Charges		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Operating Expenditures</b>				<b>\$18,426</b>	<b>\$1,548</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$0</b>	<b>\$430,000</b>	<b>\$430,000</b>	<b>\$430,000</b>
4023802	5385300	Infrastructure		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4023802	5385500	Construction in Progress		\$0	\$0	\$1,480,000	\$1,957,844	\$74,548	\$2,750,000	\$2,750,000	\$2,750,000
DENNIS ST PUMP & OUTFALL 2008 CIP											\$2,750,000
<b>Capital Outlay</b>				<b>\$0</b>	<b>\$0</b>	<b>\$1,480,000</b>	<b>\$1,957,844</b>	<b>\$74,548</b>	<b>\$2,750,000</b>	<b>\$2,750,000</b>	<b>\$2,750,000</b>
<b>Construction - Total</b>				<b>\$18,426</b>	<b>\$1,548</b>	<b>\$1,560,000</b>	<b>\$2,037,844</b>	<b>\$74,548</b>	<b>\$5,180,000</b>	<b>\$5,180,000</b>	<b>\$5,180,000</b>



### New Utility Infrastructure

The EAC Team is experienced in providing the following services for new utility Infrastructure

- Pipeline Corridor Analysis
- Site Investigations- to identify potential topographic conflicts
- Existing Utility Information Collection- to identify conflicts
- Corrosion Analysis for Salt Water
- Environmental Contamination Analysis
- Geotechnical Investigations
- Tree Impact Analysis
- Materials Analysis
- Constructability Analysis
- Stakeholder Impact Analysis for Utility Owners and Roadway Authorities
- Neighborhood Impact Analysis
- Alternative Route Analysis



**For Existing Deteriorating Infrastructure**, the EAC Team is experienced in the following:

- Assessment for structural integrity
- Analysis for code compliance
- Identification of segments likely to fail
- Recommendations of cost effective rehabilitation or replacement methods
- Recommendations for cost effective pipe material
- Rehabilitating pipeline using existing pipe infrastructure

Our team's pipeline experience profile is represented by the following tabulation:

WATER AND SEWER UTILITIES EXPERIENCE															
PIPELINE SIZE (Ø)						PIPELINE MATERIAL						TYPE OF CONSTRUCTION			
2"-6"	8"-10"	12"-15"	16"-20"	24"-36"	>36"	Ductile	Cast Iron	Concrete	HDPE	Steel	PVC	Open Cut	HDD	Micro Tunnel	Jack & Bore
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



Distinctively, six of EAC’s local professional engineers are certified by Forterra© Pressure Pipe Corporation (one of the largest manufacturers of concrete products in North America) to perform engineering design services for concrete pressure pipe (PCCP).

### EAC’s experience on similar utility projects

- Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A)– Miami-Dade Water and Sewer Department: Total of 40,100 linear feet of pipeline
- 60-inch diameter DIP Force Main Feasibility Study and Design- Miami-Dade Water and Sewer Department
- 72nd Ave. to 76th Ave. from Polk St. to Johnson St. Water Main Replacement- City of Hollywood Public Utilities Department- Total of 27,000 linear feet of pipeline
- Port Miami Design of Sanitary Sewer System and Associated Structures and Wastewater Transmission Facilities
- Johnson St. to Taft St. from N. 66th Ave. to N. 76th Ter. Water Main Replacement- City of Hollywood Public Utilities Department- Total of 76,800 linear feet of pipeline
- Rehabilitation of Pump Station No. 9146 (at Port Miami)- Miami-Dade Water and Sewer Department
- Three Island Reuse Pipeline and Pump Station Design- City of Hallandale Beach Public Works Department
- Master Pump Station Rehabilitation- Broward College South Campus
- Hollywood Blvd to Johnson Street from Florida Turnpike to N. 72 Ave. Water Main Replacement - City of Hollywood Public Utilities Department- Total of 117,557 linear feet of pipeline
- Reuse Main for N. 64 Ave. from Taft Street to Johnson Street and Johnson Street from N. 66 Ave. to Route 441 - City of Hollywood Public Utilities Department



### Knowledge of Permitting Requirements

The EAC Team will coordinate with the applicable City departments, and County and State regulatory agencies- such as the SFWMD and the FDEP, to obtain required permits on time. We will proactively start our permitting process early to avoid any impact on project schedule.



## 1.C SOLID WASTE ENGINEERING SERVICES:

EAC will support Kessler Consulting, Inc (KCI) to provide the required services for this discipline.

### Understanding of the City's Solid Waste Program

The solid waste facilities currently owned by the City are the transfer station located on Rockland Key and the closed landfill located on Stock Island. Two private construction and demolition debris facilities also receive waste generated in the City: Waste Management's (WM's) Rockland Recycling Center, located on Rockland Key, and Key West Transfer Station and Hauling Services, located on Stock Island.

The City began operating the transfer station in 2009, when it moved its operations from the former waste-to-energy plant on Stock Island. The facility was designed and constructed to manage 350 tons of material per day. Through separate agreements, the City retained WM for solid waste collection, operation of the transfer station, and disposal services. As these agreements expire in the near future, opportunities to enhance existing or add new facilities may become easier to implement or consider in new agreements.

Future facilities that may be of interest include:

- Organics Processing Facility
- Transfer Station Improvements
- Household Hazardous Waste Collection Area
- Materials Recovery Facility

The following chart shows the Capital Improvement Projects for the Solid Waste Division for the upcoming year. The EAC Team is ready to serve the City to fulfill their Solid Waste Engineering needs.

<u>City of Key West</u> <u>Annual Budget</u> <u>Fiscal Year 2016/2017</u>											
Fund: 403 Solid Waste Fund											
Department: 3402 Transfer Station Ops											
Key	Object	Account Description	Category	FY 2013/2014 Actuals	FY 2014/2015 Actuals	FY 2016/2016 Adopted	FY 2016/2016 6 Mth Amnd	FY 2016/2016 6 Mth Actuals	FY 2016/2017 Dept Req	FY 2016/2017 CM Review	FY 2016/2017 CC Adopted
4033402	5341200	Salaries		\$230,859	\$140,727	\$79,466	\$79,466	\$35,741	\$81,055	\$81,055	\$81,055
4033402	5341300	Non Premium Time		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5341400	Overtime		\$36,387	\$22,669	\$4,500	\$4,500	\$2,896	\$4,500	\$4,500	\$4,500
4033402	5341800	Special Pay		\$363	\$54	\$360	\$360	\$0	\$0	\$0	\$0
4033402	5342100	FICA		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5342100	FICA		\$16,607	\$11,571	\$6,451	\$6,451	\$2,952	\$6,545	\$6,545	\$6,545
4033402	5342200	Retirement		\$22,596	\$11,134	\$5,878	\$5,878	\$2,556	\$5,999	\$5,999	\$5,999
4033402	5342300	Life & Health Insurance		\$59,809	\$36,387	\$24,178	\$24,178	\$10,394	\$24,683	\$24,683	\$24,683
<b>Personnel Services</b>				<b>\$387,621</b>	<b>\$222,541</b>	<b>\$120,883</b>	<b>\$120,883</b>	<b>\$64,600</b>	<b>\$122,772</b>	<b>\$122,772</b>	<b>\$122,772</b>
4033402	5343100	Professional Services		\$0	\$172,953	\$83,699	\$83,699	\$408,963	\$840,000	\$840,000	\$840,000
WASTE MANAGEMENT CONTRACT											
4033402	5343200	Accounting & Auditing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5343400	Other Contractual Service		\$40,595	\$29,452	\$28,075	\$28,075	\$11,467	\$27,825	\$27,825	\$27,825
ANNUAL LEASING FEE											
UNIFORMS											
4033402	5344000	Travel & Per Diem		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5344100	Communications/Postage		\$0	\$0	\$100	\$100	\$0	\$100	\$100	\$100
POSTAGE/SHIPPING											
4033402	5344200	Transportation & Postage		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5344300	Utility Services		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5344303	Electricity		\$28,673	\$25,283	\$0	\$0	\$5,684	\$0	\$0	\$0
4033402	5344303	Wastewater		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5344304	Water		\$11,403	\$12,552	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5344400	Rentals & Leases		\$990	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4033402	5344600	Repairs and Maintenance		\$68,066	\$48,751	\$50,000	\$31,824	(\$4,830)	\$10,000	\$10,000	\$10,000
MISC REPAIRS & MAINTENANCE											
4033402	5344700	Printing & Binding		\$0	\$293	\$500	\$1,476	\$0	\$2,000	\$2,000	\$2,000
SCALE TICKETS											
4033402	5344800	Promotional Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Technical Expertise

Optimizing the efficiency and cost-effectiveness of solid waste systems is of critical importance to solid waste program managers. At the same time, many solid waste management departments are striving to achieve higher, sustainable recycling and waste reduction goals.

KCI along with EAC will work closely with the City to fully understand the City's concerns and objectives, and will develop practical strategies that will bring about results.

All garbage is local; therefore our customized approach to problem-solving will enable us to deliver unique and feasible recommendations specific to the City.

KCI has developed long-term solid waste master plans, including plans to put several cities on the path toward zero waste. KCI also has developed detailed shorter-term strategies to solve discrete solid waste challenges. In all strategic planning, KCI considers the potential impacts to other elements of the system, both operationally and financially, to maintain the overall system balance. KCI also has worked with a number of clients to implement strategies in phases to accommodate system constraints while advancing solid waste management programs.

Strategic planning will clearly identify the City's solid waste objectives and will lay out a plan to accomplish them, including the following:

- Sustainable recommendations for enhancing waste diversion
- Key policies that are necessary or should be considered
- Economic, risk, and feasibility analyses to assist in decisions
- Programs for achieving success
- Public education and outreach
- Facilities needed to complement these programs
- Financial analysis of the long-term viability of the solid waste system

**KCI's solid waste engineers and staff are LEED AP® Certified should the City desire a solid waste facility to be designed and certified through the US Green Building Council's LEED Program.**

KCI assisted the City of Key West in developing a comprehensive Solid Waste Master Plan that charted a pathway toward zero waste. Project activities included the following:

- System-Wide Evaluation – Prepared a comprehensive summary of tonnages, waste flow, services and facilities, as well as identified initial opportunities for improvement.
- City Contracts Analysis – Identified elements of these contracts that warranted change, such as adjusting commercial recycling fees and negotiating a revenue share for recyclables.
- Waste Composition Study – Revealed that 71% of the waste stream is recyclable or compostable.
- Transfer Station Operational Assessment – Provided recommendations to improve operational efficiencies such as preventive maintenance schedule improvements, safety concerns, and staffing/operation adjustments.
- Commercial Waste Generation Study – Determined the density of waste (lbs/cy) for 14 different commercial sectors.
- Special Events Recycling – Provided recommendations for increasing recycling at the 80+ special events held each year in the city, including Fantasy Fest. Developed draft ordinance language, recycling guide, website language, and program branding assistance.
- Financial Evaluation – Recommended changes to ensure the long-term financial viability of the solid waste system.
- Solid Waste Master Plan – Based on this information, KCI developed a three-phase approach to increase recycling well beyond the City's current rate of 10 percent. The completed Master Plan provides policy, program, and facility recommendations.





## Permitting

Utilizing the documents developed in the Design Phase, KCI will prepare and submit permit applications and modifications to the respective agencies as needed for the solid waste facility being permitted. KCI staff have experience with EPA and State regulations, NPDES Permitting, Solid Waste Permitting in FDEP's Southeast District, as well as Environmental Resource Permitting through the South Florida Water Management District. KCI also understands that local siting and zoning approval may be necessary at the City and County level. To aid in the permitting process, KCI will initiate a pre-permit meeting with state regulatory agencies- prior to fully developing the permit documents- to gain buy-in, and identify regulator preferences, and thus streamlining the permitting process and minimizing requests for additional information.

## 1.D COASTAL ENGINEERING SERVICES

EAC will support Cummins Cederberg to provide the required services for this discipline.

### Understanding Scope

The EAC Team understands that servicing the City means ultimately servicing the public, including residents and the many visitors. The EAC Team's ocean and marine engineering expert, Cummins Cederberg, has always promoted clear communication and practical solutions allowing their clients to make informed decisions, which are functional and within budget requirements. Cummins Cederberg has in-house senior staff who are native to Key West, who are accustomed to working in Key West and Monroe County. This staff understand the uniqueness of the destination, as well as the challenges arising from a low-lying island with many residents, visitors, and events. They have successfully worked through these challenges before in Key West and the Florida Keys, and will continue to provide the same high level of service, enabled by local experience, on this contract. With historic Key West Bight Marinas and ferry terminals located and owned by the City, the City can count on the EAC Team for all their marina facility needs.



### Condition Inspections

For projects involving existing shoreline stabilization, be they seawalls or other waterfront structures, an engineering condition inspection is highly recommended in order to understand remaining service life and potential repair needs. Our team of SCUBA certified licensed engineers have significant experience performing above and below water inspections of timber, steel, concrete, and rock structures. We understand coastal and marine processes (waves, currents, erosion, etc.) therefore we will not only assess the structural condition but also the underlying reasons for observed deterioration. This allows for improved designs with longer service life.

### Experience on similar projects

- Sunset Harbour Yacht Club in Miami Beach
- Sea Breeze RV Park in Islamorada
- Landings of Largo Marina in Key Largo



### Marine Field Investigations

Cummins Cederberg is experienced in performing bathymetric surveying, marine resource surveying and mapping, and tide/current measurements. Cummins Cederberg has the necessary staff, equipment, and post-processing tools to obtain accurate field data. Additionally, the waters adjacent to Key West are located within the Florida Keys National Marine Sanctuary (FKNMS) and Cummins Cederberg holds a FKNMS permit needed to conduct marine resource surveys throughout the FKNMS, that otherwise may not be allowed.

### Experience on similar project

Crandon Marina in Key Biscayne

### Permitting

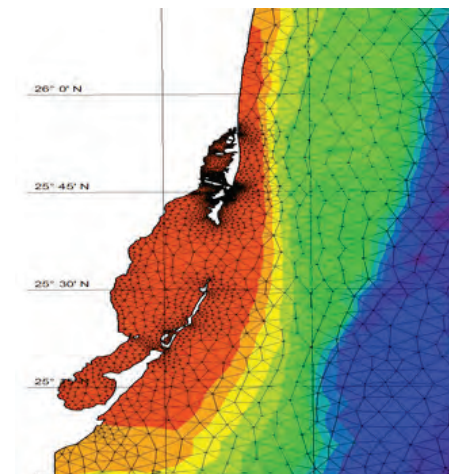
Waterfront projects in Florida, and specifically Key West fronting the FKNMS, are heavily regulated by various environmental agencies, including the FDEP, USACE, and FKNMS. As a result of conducting a multitude of projects in Florida's marine environment, Cummins Cederberg is very familiar with the relevant agencies, staff, and procedures.

### Coastal Engineering Analysis

Design of waterfront projects requires an understanding of coastal processes such as wave, currents, sediment transport, and storm surge. Cummins Cederberg has extensive experience analyzing coastal processes on both a local and regional scale- in South Florida and the Caribbean.

### Experience on similar projects:

- Cummins Cederberg developed a detailed wave and hydrodynamic model of Miami-Dade County, including Biscayne Bay, which allows for quick analysis of different areas. The model was developed utilizing the advanced MIKE21 software and can be used to analyze beach erosion, sand movement, storm waves, storm surge, and tidal flow among other items.
- Cummins Cederberg recently conducted a coastal engineering analysis for the northern end of Key Biscayne as well as multiple marina locations in Biscayne Bay, where wind generated storm waves and storm surge can be important.
- Cummins Cederberg also understands the importance of Sea-Level-Rise in the planning of infrastructure, and recently assisted Miami-Dade County on this matter, along with storm surge flooding- relative to upgrades at the North District Wastewater Treatment Plant.
- In addition, Cummins Cederberg has extensive experience in analyzing and developing Florida Emergency Management Agency (FEMA) flood maps and has successfully revised the flood zones for several properties in Monroe County, including the Sheraton Key West Hotel and the Key West by the Sea Condominium. This also included coastal engineering and erosion study of Smathers Beach fronting the properties.





### Marine Structure Design

Design of marine structures can be very different from upland structures - due to the extreme environment and exposure to dynamic and powerful coastal processes, as well as constraints imposed by environmental agencies. Therefore, the design is generally advanced in phases to ensure both engineering and regulatory requirements are satisfied in the most efficient manner.

### Experience on similar projects

- Seawall design for the Dade Blvd./Collins Canal bike path project in Miami Beach
- Design for concrete repairs for the Sunset Harbour Yacht Club
- Environmental permitting Fort Zachary Taylor Beach Project







## **1.E STRUCTURAL ENGINEERING SERVICES**

EAC will support United Engineering to provide the required services for this discipline.

### **Understanding Scope**

Projects implemented under continuing services contracts are typically renovations and repairs to existing buildings. Opportunities for the design of new structures are generally limited to small utility structures, perimeter walls, or small additions. Fortunately, regardless of the type of project, United Engineering, Inc. has significant experience in renovation, repair, and new construction projects.

United Engineering's philosophy is based on the concept that successful projects are attainable through understanding the City of Key West's needs and goals. Understanding the City's budgetary limitations and goals are the keys to successful structural design. For renovations, the most critical components are understanding and properly documenting existing conditions. Our design team will be flexible and nimble, adjusting to our findings as we progress through the site visit. Flexibility is an important component for renovations- due to the variability of building types in the City. The City fabric is comprised of structures that vary from wood framed and supported by shallow foundations, to load bearing masonry supported by deep foundations, to everything in-between.

At times, a building may be deemed historical and the renovation requires a particular approach and detailing. Historical buildings offer a unique challenge as the character that defines the structure needs to be maintained while items that may pose a risk to the public safety are addressed. To help determine the risk, material or load testing may be necessary. Testing concrete for carbonation, chlorides, compressive capacity, and petrography will provide valuable information to make sound engineering decisions. From the Geiger Creek Bridge to the Cable House, United Engineering has collaborated with testing laboratories to determine the adequacy of existing materials. Though, much of the design decisions are based on material properties, sometimes aesthetics will govern.

### **Permitting**

Historical boards often provide guidance that the design team needs to adhere to in order to ensure compliance with historical context. This may be a simple solution, such as forming concrete walls with studs in lieu of plywood, or a more complicated solution, such as reusing the existing concrete materials as aggregate for a new concrete wall. Regardless of the complexity of the problem, the solution begins with meeting and listening to the stake holders to arrive at the best solution.

Discussing our findings with the City will allow for phasing of work, scheduling, and better understanding of potential additional requirements. Renovations walk a fine line of repairing deficiencies to maintain the public safety without prompting additional regulatory requirements that may require a new building- for example, triggering the Federal Emergency Management Administration's requirements for flooding.

Flood requirements will be determined early enough to mitigate and properly address with minimal impact to the project. A thorough review of the requirements, existing conditions, and the City's goals, will yield a solution that is within budget. We will start early communication with the City's Building Department to avoid delays that may impact schedule.



### Experience on similar projects:

#### **Key West Band Room Repair, City of Key West**

United Engineering was the Project Manager and Engineer of Record responsible for compiling the specifications and repair documents for the rehabilitation of the existing structure. The assignment was to address the extensive spalling of the tie beam, and it was determined that it would be cheaper to replace the tie beam than to repair it. This approach required shoring design to support the roof during the tie beam replacement.



#### **Waterfront Market Rehabilitation, City of Key West**

United Engineering was the Project Manager and Engineer of Record responsible for compiling the specifications and repair documents for the rehabilitation of the existing structure. Repair addressed the delaminations located throughout the building, and the owner replaced the door and windows as part of the repair.



#### **Piano Shop Rehabilitation, City of Key West**

United Engineering was the Project Manager and Engineer of Record responsible for compiling the specifications and repair documents for the rehabilitation of existing structure. The assignment was to address the extensive spalling of the tie beam, and it was determined that it would be cheaper to replace the tie beam than to repair it. This approach required shoring design to support the roof during the tie beam replacement.



One Human Family



## SECTION 3

# KEY PERSONNEL

"On assigned tasks, EAC Consulting has demonstrated a high level of responsibility which has translated into the quality of their work deliverables. EAC's effort have been instrumental to the success achieved on our projects."

—**Tony O. Brown** Village of Key Biscayne



## SECTION 3 KEY PERSONNEL

### CRITERION 2

Professional qualifications of staff personnel/Capacity of assigned and identified staff to accomplish work

#### Your team for this contract

Under the supervision of Principal-in-Charge, Mike Adeife, PE, the EAC Team has been formed with highly qualified professionals - well versed in all aspects of General Engineering Services - for the City of Key West. The team was developed with the focus on the City's needs. Our team is composed of technical experts with a proven track record that meets the City's technical requirements.

Huntley Higgins, PE will be our Client Manager for the contract. As the Client Manager, Huntley will ensure that there is a seamless execution of projects. Huntley brings a wealth of knowledge in the field of General Engineering Services. His expertise with municipal clients will be an asset to this contract.

The EAC Team will be led by Sharmin Siddique, PE, a seasoned Project Manager well known within Monroe County. Respected highly within the South Florida Engineering Community, Sharmin has led several General Engineering Services contracts with commendable success. She is a visionary engineer who will work with the City's management and staff as an extension of the City's organization and will fulfill the City's engineering needs on time and within budget.

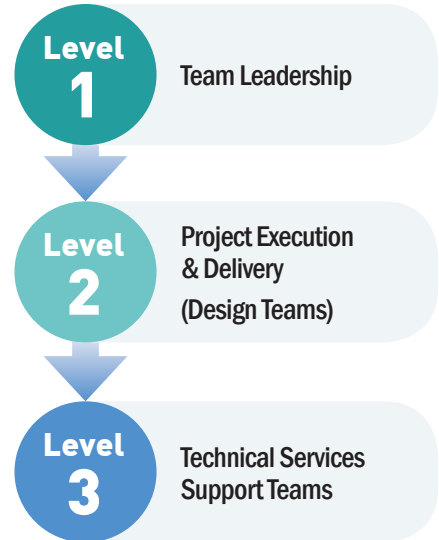
EAC's Core Services Technical Lead Team will respond to the broadest spectrum of project challenges. Sharmin has selected individuals for this team based on their knowledge, expertise, and experience on each of the five specific core disciplines required, and aligned EAC's team with the City's intended scope of work as stipulated in the RFQ.

**Quality Control/Assurance:** Led by **Oscar Rubio, PE**, and Ari Risher. EAC's team will deliver quality engineering services. Both Oscar and Ari are experienced QA/QC Managers with numerous general engineering services contracts.

**Civil Engineering Services:** **David Gilpin-Hudson** will lead this discipline for tasks relating to Civil Engineering Services. David is well versed technical leader in civil engineering projects and will bring the required knowledge and expertise to the tasks.

**Utility Engineering Services:** Led by **Donna Grace, PE**. EAC's team is poised to meet the needs of the City of Key West. Donna has managed utility contracts for many municipality clients successfully within time and budget.

**Solid Waste Engineering Services:** Led by **Mitch Kessler**, EAC's team is poised to meet the needs of the City of Key West. Mitch has managed solid waste management contracts for many municipality clients successfully within time and budget. Mitch has completed the Solid Waste Master Plan for City of Key West.





**Coastal Engineering Services: Jason Cummins, PE**, will lead the Coastal Engineering Services for this contract. Jason is well experienced coastal engineer with all aspect of coastal and marine engineering. He has completed several projects at the City successfully.

**Structural Engineering Services: Juan Fuentes, PE**, will lead this discipline under this contract. With his lead, all types of structural project assignments will be completed in a timely manner.

This Core Services Lead Team will be supported by our Technical Support Services Team, and will achieve proactive simultaneous efforts to complete all tasks on time.

**Geotechnical Engineering: Paul Passe, PE** will lead this service. He will ensure timely completion of tasks as predecessors to design. This component is therefore a critical milestone of project schedules.

**Surveying and Mapping: Abraham Haddad, PSM**, a well-known surveyor in South Florida, will lead this task and ensure timely delivery of surveys needed for the design phase of respective projects.

**Mechanical, Electrical, and Plumbing Engineering (MEP): Mel Garcia, PE**, will lead this discipline for this contract. Experienced with numerous MEP projects, xx is a key professional in supporting the lead team.

**Environmental Engineering:** Led by **Sandra Walters**, the EAC Team will be ready to meet all supporting environmental engineering needs for this contract. Sandy is an experienced engineer and is based in Key West. She is very aware of the critical importance of environmental issues within the City and Sandy will ensure that projects are environmentally sound.

**Landscaping Architecture: Jean Lee, LEED BD +C**, will lead the landscaping architecture for this contract. Her LEED certification will ensure the sustainability requirements are covered for the design under this discipline. Jean brings vast experience and knowledge to this contract and will ensure all requirements are met.

**Sea-Level-Rise:** Led by Giorgio Tachiev, PE, the EAC Team will address sea level rise issues that may impact this contract. Giorgio will work with the Lead Team to provide quality engineering design for this contract.







**MICHAEL "MIKE" ADEIFE, PE**  
Principal-in-Charge  
25 Years of Experience

50% Availability



Michael "Mike" Adeife, PE, Principal-in-Charge, will provide corporate oversight over our services on the contract and will provide management support to the designated project manager.

Mr. Adeife's proven skills as a certified professional engineer are valuable assets he brings to this contract. He has extensive and diverse engineering experience which encompasses transportation, utilities, urban intermodal planning, site development, infrastructure design, and management.



**HUNTLEY HIGGINS, PE**  
Client Manager  
22 Years of Experience

80% Availability



Huntley Higgins, PE, our Client Manager is vastly experienced in municipal General Engineering Services contracts. His projects range from roadway, and site development, to utility infrastructure improvement design. He has extensive experience in leading complex drainage projects at the local, state and national level. Huntley has led projects for regulatory agencies, such as South Florida Water Management district (SFWMD) and Miami-Dade County Department of Environmental Resource Management (DERM).



**OSCAR RUBIO, PE**  
Technical Support  
35 Years of Experience

60% Availability



Oscar Rubio, PE, will provide technical support to our design team on this contract. Oscar has extensive years of engineering experience. Oscar is an industry technical expert, highly reputed by utility agencies, organizations, manufacturers and other consultants. Oscar is a foremost industry professional that brings tremendous value to this contract. Oscar is an experienced American Academy of Environmental Engineers (AAEE) Board Certified Environmental Engineer (BCEE) and American Society of Civil Engineers (ASCE) Fellow, with specialty design and project management experience in civil engineering and utility projects.



**ARI RISHER**  
QA/QC  
31 Years of Experience

70% Availability



Ari Risher is experienced in civil design and engineering - specializing in utilities, stormwater management systems, and land development projects. Ari has managed and coordinated construction projects for FDOT and public utilities involving underground utilities, railroad and land development. She has in depth knowledge of design, biddability and constructability of projects associated with general engineering services contracts.



**DAVID GILPIN-HUDSON**  
QA/QC  
16 Years of Experience

70% Availability



David Gilpin-Hudson has extensive experience in developing and implementing regional and sub-regional utility plans within the South Florida Water Management District, and coordinating plan development with the Florida Department of Environmental Protection, other water management districts, utilities, local governments and urban, agricultural and environmental groups. He is a veteran in implementing QA/QC processes.



**DONNA GRACE, PE**  
Utility Engineering  
29 Years of Experience

50% Availability



Donna Grace, PE, has extensive experience in the areas of master planning and hydraulic analysis of both water distribution and wastewater force main systems. She is familiar with conventional engineering planning tools and software. Donna is experienced in South Florida near shore projects as well as municipalities and county projects. Donna is the recipient of the 2016 ASCE Project of Year Award - "30-inch Directional Drill below Lee Wagner Boulevard." She will work with the same dedication to ensure that the City's projects are at the same quality as award winning projects.





**JASON CUMMINS, PE**

Role

10 Years of Experience

50% Availability



**Jason Cummins, PE** is a Coastal Engineer and is experienced in designing marine facilities, shoreline stabilization and coastal structures. He is proficient in the application of numerical models, including the Danish Hydraulics Institute (DHI) MIKE-21 suite of numerical modeling tools, structural analysis tools and Federal State and Local design codes. He has completed projects successfully in Florida, Caribbean and Latin America including several projects for City of Key West.



**JUAN FUENTES, PE**

Role

15 Years of Experience

50% Availability



**Juan Fuentes, PE** has vast experience in structural analysis, design and construction observation. He has served as expert witness for many forensic investigations. Juan has completed several projects for City of Key West and is well experienced in historic building rehabilitation. He is experienced in all applicable regulatory requirements including Federal Emergency Management Administration (FEMA) requirements for flooding which is critical for low lying area such as City of Key West.



**MITCH KESSLER**

Role

33 Years of Experience

50% Availability



**Mitch Kessler**, has many years of solid waste experience and has managed or directed more than 300 projects for over 200 KCI clients. He has successfully completed several Solid Waste Master Plan including the Master Plan for City of Key West. Mitch has received several awards and his most recent award includes 2012 Professional Achievement Award from Solid Waste Association of North America (SWANA).



We present a staff profile matrix illustrating our key staff member’s core technical expertise as per this RFQ, capacity and brief resume summaries. **We are ready to get the job done.**

Key Personnel	Firms	Core Technical Certifications								Availability for this contract (%)	
		6.01 - Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems	10.01 - Environmental Engineering – Stormwater Drainage	10.10 - Environmental Engineering- Coastal Process and Ocean Engineering	11.00 - General Structural Engineering	16.00 - General Civil Engineering	17.00 - Engineering Construction Management	10.05 - Environmental Engineering - Contamination Assessment and Monitoring	Solid Waste of North America (SWANA) Certifications		Specialty Engineering- Sea Level Rise
Michael Adeife, PE	EAC Consulting, Inc	x	x			x	x			x	50
Huntley Higgins, PE	EAC Consulting, Inc	x	x			x	x			x	80
Sharmin Siddique, PE	EAC Consulting, Inc	x	x		x	x	x			x	90
Oscar L. Rubio, PE	EAC Consulting, Inc	x	x			x	x				60
Ari Risher	EAC Consulting, Inc	x	x			x	x				70
David Gilpin-Hudson, AICP	EAC Consulting, Inc	x	x			x					70
Donna Grace, PE	EAC Consulting, Inc	x	x			x	x				70
Shari Ramirez, PE	EAC Consulting, Inc	x	x			x	x			x	75
K.T. Lin, PE	EAC Consulting, Inc				x	x	x				50
Daniel Greenbug, PE	EAC Consulting, Inc	x	x			x	x			x	60
Rohan Gardner, PE	EAC Consulting, Inc	x	x			x	x				50
Sergio Besu	EAC Consulting, Inc	x	x			x	x				60
Mitch Kessler	Kessler Consulting, Inc								x		80
Ashley Evans, PE, LEED®	Kessler Consulting, Inc		x						x		80
Jason Cummins, PE	Cummins Cederberg			x	x	x	x			x	80
Janek Cederberg, PE	Cummins Cederberg			x	x	x	x			x	70
Juan Fuentes, PE	United Engineering, Inc				x		x				80
Sandra Walters	SWC							x			65
Giorgio Tachiev, PE	GIT Consulting		x			x				x	50

*One Human Family*



# ORGANIZATIONAL CHART AND RESUMES

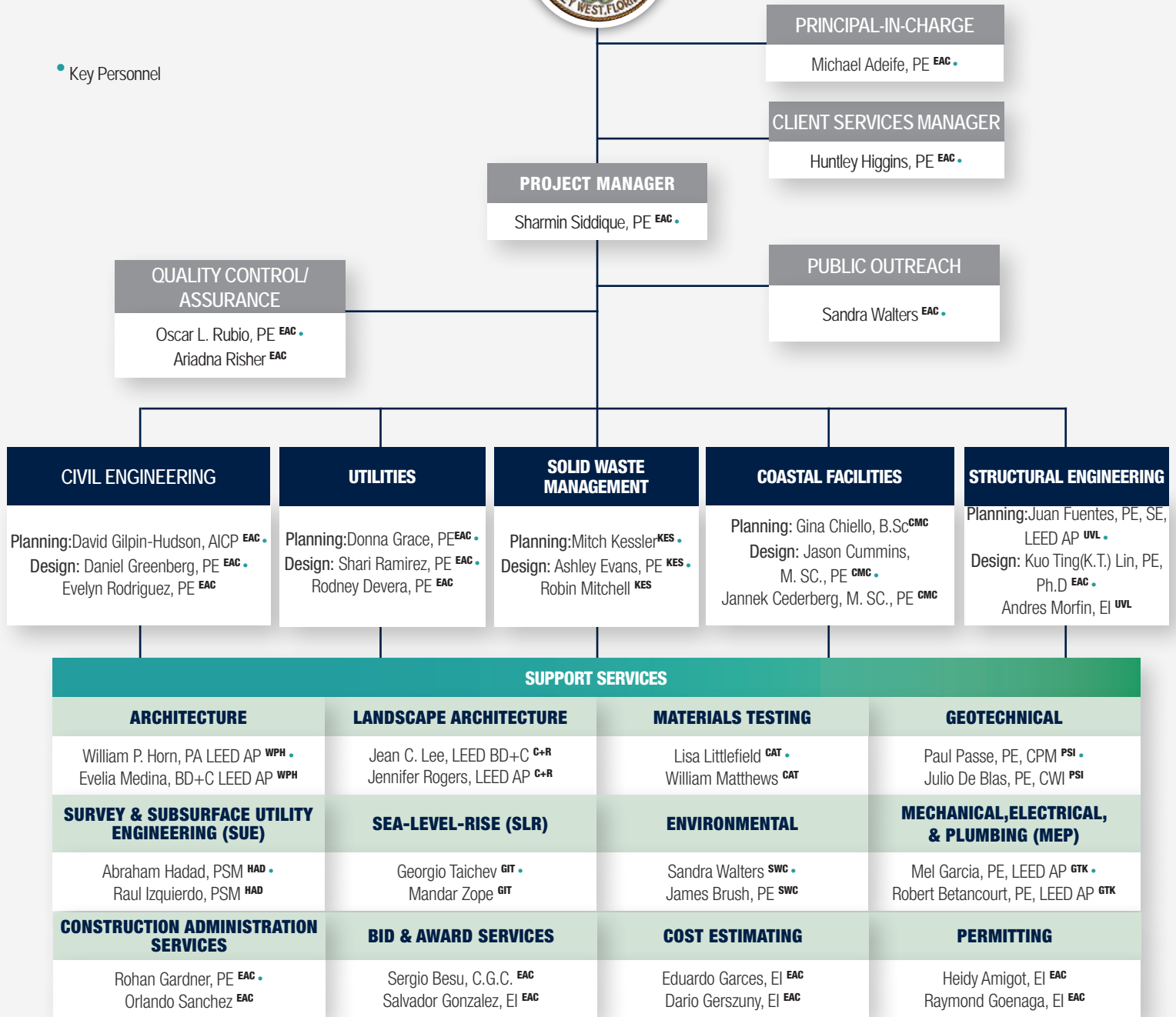
"EAC's staff has performed admirably on assigned projects, completing them on time and under budget and to the expectations of the City."

—**Aleem A. Ghany, PE** Former City Manager, City of North Miami

# CITY OF KEY WEST · RFQ NO. 17-002 · GENERAL ENGINEERING SERVICES



• Key Personnel



**THE EAC TEAM**

**EAC Consulting, Inc. EAC**

Concrete Analysis & Testing Laboratories, Inc. CAT	Kessler Consulting, Inc. KES
Cummins Cederberg, Inc. CMC	Professional Service Industries, Inc. PSI
Curtis + Rogers Design Studio, Inc. C+R	Sandra Walters Consultants, Inc. SWC
Gartek Engineering Corporation GTK	United Engineering, Inc. UVL
GIT Consulting LLC GIT	Wiliam P. Horn Architect, PA WPH
HADONNE Corporation HAD	



# Sharmin Siddique, PE

## PROJECT MANAGER

### 21 Years of Experience

#### Education

1995 Bachelor of Science in  
Civil Engineering  
Northern Arizona University

#### Licenses

Florida – 65562  
NY #086910-1  
IL #062.061428

#### Memberships

American Society of Civil  
Engineers  
Florida Engineering Society (FES)

### Summary

Ms. Siddique has over 21 years of experience in municipal, site development and infrastructure projects. Ms. Siddique has designed and served as Engineer of Record for pipe sizes up to 60-inches diameter. Her knowledge on design requirements and permitting will expedite the overall design. She is extremely familiar with all jurisdictional requirements and will work to ensure that the project results in a successful undertaking.

### Engineering Design and Permitting for the Stock Island II Roadway Improvement Project

**CLIENT** Monroe County | **ROLE** Client Manager

Client Manager responsible for repairs and improvements to McDonald, Maloney and Peninsular Avenues on South Stock Island, including asphalt overlay, milling and resurfacing, road reconstruction, drainage improvements, sidewalk repair and installation of ADA compliant sidewalk ramps as needed. The project involves engineering design and permitting.

### Key Largo -1: Bay Haven, Seaside & Dove Creek Estates Roadway and Drainage Improvements

**CLIENT** Key Largo, Monroe County | **ROLE** Project Manager

Project Manager responsible for design and permitting for the roadway and drainage improvements for Bay Haven, Seaside and Dove Creek Estates community. The project includes approximately 13,000 linear feet of roadway rehabilitation involving either milling and resurfacing or complete reconstruction depending on the respective PCI Indexes, correction of roadway cross slopes as needed for drainage and analysis considering sea level rise impact. The roadway drainage analysis will be provided to meet water quality and drainage design will include french drains and swales. Some roads will be widened to meet the current roadway width standards. Project will involve permitting agencies such as Monroe County Public Works and South Florida Water Management District (SFWMD).

### Lake Surprise Estates Neighborhood Roadway and Drainage Improvements

**CLIENT** Key Largo, Monroe County | **ROLE** Project Manager

Project Manager responsible for providing design and permitting services for roadway and drainage improvements for Lake Surprise Estates Community. The project includes approximately 11,600 linear feet of roadway rehabilitation involving either milling and resurfacing or complete reconstruction, correction of roadway cross slopes as needed for drainage and analysis considering sea level rise impact. The roadway drainage analysis was provided to meet water quality and drainage design included french drains and swales. Project involved permitting agencies such as Monroe County Public Works and South Florida Water Management District (SFWMD).

### Stormwater Improvement Implementation Plan, Village of Key Biscayne

**CLIENT** Village of Key Biscayne | **ROLE** Senior Civil Engineer

Senior Civil Engineer responsible to assist the Village of Key Biscayne in fulfilling goals for the six high priority area projects established in its Stormwater Improvement Implementation Plan in order to maximize fiscal efficacy and ensure compliance with the latest local, state, and federal regulations. The scope in detail included implementing permanent and temporary erosion control systems, evaluation and analysis of existing drainage infrastructure, evaluation and design of backflow prevention devices, evaluation and design of gravity drainage wells, evaluation and design of possible pump station(s), evaluation and design of pressurized drainage wells, hydrologic and hydraulic evaluation of basins, sub-basins, and potential sub-basins, field survey and data collection, regulatory permitting, post design services, construction administration services and evaluation of high tide and its effect on the proposed drainage improvements.

# Sharmin Siddique, PE

## PROJECT MANAGER

---

### **Three Island Reuse Irrigation and Pump Station**

**CLIENT** City of Hallandale Beach | **ROLE** Project Manager

Project Manager responsible for design of approximately 1,115 LF linear feet of new 8-inch PVC (C-900) reuse irrigation main which will tap into the existing 24-inch irrigation main located at the intersection of Wiley Street and Diplomat Parkway and run south along Diplomat Parkway, extending reuse irrigation water from City of Hollywood into the City of Hallandale Beach. The proposed main is then connected to a proposed storage tanks and pump station at the termination point to store reuse water and provide constant pressure to the reuse main that will stem out from the pump station. The project included electromagnetic flowmeter and an actuated control valve to monitor and control the flow as not to exceed the agreed upon maximum allowable volume in gallons per days (GPD) between the two Cities. The proposed project boundary is from Wiley Street to Three Island Blvd along Diplomat Parkway and Atlantic Shores Blvd. The proposed reuse main traversed from City of Hollywood to City of Hallandale Beach. The scope also included permitting, bid & award services and limited construction administration services. The construction method included both open cut and Horizontal directional Drilling (HDD). HDD method was used to cross the Desoto Waterway Canal on Atlantic Shores Blvd.

### **Diana Drive Roadway & Drainage Improvements**

**CLIENT** City of Hallandale Beach | **ROLE** Project Manager

Project Manager responsible for the design of Diana Drive Roadway and Drainage Improvements project. The limits of the project includes both Diana Drive and a parallel Frontage Road, from Golden Isles Drive to SE 26th Street. The length of the project is approximately 1,715 linear feet. The typical section selected for this project will provide for ADA access and pedestrian sidewalk on both sides of the road. The drainage design will improve the existing flooding issues by providing exfiltration trench system. A traffic circle and speed humps are added features to provide for traffic calming.

### **Watermains and Service Conversions in the Shenandoah Area (Phase A) Design Build**

**CLIENT** Miami-Dade Water and Sewer Department | **ROLE** Design Lead

Design Lead responsible for the design of new 8-inch water mains and service conversion for the area. The project consists of replacement of existing undersized and deteriorated water mains to improve system pressure, provide fire flow protection and water service conversions in the Shenandoah Area (Phase A) of City of Miami. The estimated total length for 8-inch water main is 39,000 linear feet and for 6-inch water main is 1,100 linear feet. The project includes 761 water service conversions from back of property to front of property and approximately 1,160 water service connections. The project also includes pavement resurfacing, marking and signage, technical specifications and Engineer's probable cost of construction.

### **Master Pump Station and Force Main Design, Broward College South Campus - Pembroke Pines, FL**

**CLIENT** Broward College | **ROLE** Project Manager

Project Manager responsible for providing design and permitting services for the design of the new pump station and five hundred (500) linear feet of six (6) inch DIP force main. The location of the PS is at the intersection of McArthur Parkway and the College's perimeter road. The service include the design of a new wet well, new valve vault, new submersible pumps and other associated appurtenances. The new design will take into consideration the anticipated projected flows based on the College's Master Plan over the next twenty years.

### **3.75 Acre Dry Retention Pond, Broward College South Campus - Pembroke Pines, FL**

**CLIENT** Broward College | **ROLE** Project Manager

Project Manager responsible for providing design, permitting and construction administration services for a dry retention pond which will be located on the southeastern corner of the College's campus. The retention pond will complete the College's drainage commitments based on their existing storm water permit obtained from the South Florida Water Management District in 1997. Currently, the College is at it limits for building construction based on its existing permit and this retention pond will provide a major storage and storm water retention for code compliance. The proposed improvements around the pond will include landscaping, a recreation path, led lighting and benches.



# Michael Adeife, PE

## PRINCIPAL-IN-CHARGE

### 25 Years of Experience

#### Education

1996 Master of Science in Civil Engineering  
*Florida International University*

1992 Bachelor of Science in Civil Engineering  
*University of Lagos*

#### Licenses

Florida – 56094

#### Memberships

American Public Works Association  
Florida Airport Association  
American Water Works Association

### Summary

Michael Adeife, P.E. has more than 24 years of combined design / management of engineering and construction experience. His engineering experience is extensive yet diverse and encompasses transportation, utilities, urban planning, stormwater/hydraulics design and management and land development. Mr. Adeife has successfully held positions that range from design engineer to department manager, and as such is familiar with every aspect of consulting engineering. Mr. Adeife's proven skills as a certified professional engineer/manager, and his commitment to delivery of quality, on schedule and budget controlled projects have propelled his success and continue to drive his passion to perform to the highest level of service.

### NW 96th Street Drainage Improvements

**CLIENT** Town of Medley | **ROLE** Design Principal

Design Principal for this project, which consisted of drainage improvements along NW 96th Street from NW 87th Avenue to NW South River Drive. The road is located in the Town of Medley and it is approximately 2.33 acres based on Right of Way (R/W) delineation. The purpose of this project was to provide an adequately sized drainage system to comply with regulatory criteria, re-grading the existing swale areas and to provide roadway pavement cross-slope corrections through milling and asphalt resurfacing. These improvements facilitate attenuation of excessive stages from routine storm events as well as increase the pavement structural capacity in addition to improving the drivability of the road.

### Biscayne Point Neighborhood Infrastructure Improvement

**CLIENT** City of Miami Beach | **ROLE** Project Manager

Project Manager for the Biscayne Point Neighborhood Improvement Project that encompasses targeted potable water distribution and roadway/streetscape improvements. The project requires the design of approximately 19,000 LF of pressurized DIP water mains ranging in size from 8-inch to 16-inch and service connections to homes of more than 500 residents in Miami Beach.

### NW South River Drive Bridge Over Tamiami Canal PD&E Study

**CLIENT** FDOT District 6 | **ROLE** Engineer of Record & Drainage Engineer

Engineer of Record and Drainage Engineer for the PD&E Study which will identify the transportation improvements needed to meet existing and future pedestrian, vehicular, navigational and hydraulic conveyance needs. The project area is located on NW South River Drive between NW 19th Street and NW 32nd Avenue. Built in 1921, this existing movable swing bridge crosses over the Tamiami Canal (C-4) on NW South River Drive and is one of the oldest bridges on the Miami River System. The bridge has deteriorated over the years and has suffered structural damage due to vehicular and vessel impacts. The current bridge configuration has resulted in channel constriction and negative impacts to storm water management efforts. Scope of Services included roadway design, structures, corridor analysis, drainage, and PD&E study.

### Treasure Cove Water and Gravity Sewer Improvements

**CLIENT** Key Largo, Monroe County | **ROLE** Project Manager

Project Manager for this project located in District 3A, west of Ravenswood Road, and south of the Dania Cut-off Canal. The project objective was to extend the Sanitary Sewer service to the residences and commercial parcels east and south of the new Treasure Cove Yacht Club Lift Station and bring the Water Distribution infrastructure up to current Broward County standards. Professional engineering services included: the installation of approximately 7200 feet of 8-inch diameter gravity sewer pipe, 7550 feet of water main on SW 26th Terrace, SW 26th Avenue and SW 45th Street between defined project limits and 800 feet of 6-inch diameter force main sewer pipe along SW 45th Street between SW 27th Avenue and SW 25th Terrace.



# Huntley Higgins, PE

## CLIENT SERVICES MANAGER

### 22 Years of Experience

#### Education

2001 Master of Applied Science  
in Civil/Environmental Engineering  
*University of Toronto*

1995 Bachelor of Science in  
Civil Engineering  
*University of the West Indies*

#### Licenses

Florida – 60726

#### Certifications

Certified Project Manager

#### Memberships

Board of Professional Engineers  
American Society of Civil  
Engineers

### Summary

Mr. Higgins has twenty-one years of General Civil Design experience in site infrastructural development type projects for public and private facilities and environmental related projects. He has served as Project Manager for roadway, drainage and utility relocation design projects. Mr. Higgins has also served as Office Engineer, Resident Engineer and Construction Manager for several roadway and drainage construction projects. His responsibilities have included water, drainage and sewer designs, design reviews, managing designs and construction budgets, managing field inspection staff and managing client relations.

#### CR-905 Bike Lanes - Key Largo, FL

**CLIENT** Monroe County | **ROLE** Project Manager and Senior Civil Engineer

Project Manager and Senior Civil Engineer responsible for the design and permitting of approximately 21 miles of 5-foot bicycle lanes located on both sides of CR-905 from Ocean Reef to US-1 in Key Largo. The project also involves the design of roadway shoulders to accommodate the bike lanes as well as enhance the roadway as an evacuation route during hurricanes and severe tropical storms. Challenges encountered during the design process included avoiding impacts to wetlands and native vegetation that are located within close proximity to the proposed bike lanes. The goal of the project is to provide the residents of the adjacent communities with safe recreational bicycle facilities.

#### Doctor's Arm Culvert Repairs - Monroe County, FL

**CLIENT** Monroe County | **ROLE** Project Manager

Project Manager responsible for managing the contract and staff involved in the repair of three existing pipe culverts located on West Ortega Lane in the Doctor's Arm subdivision of Big Pine Key Florida. All pipe culverts and end treatments were replaced in accordance to Florida Department of Transportation (FDOT) standards. Due to the proximity of wetlands to the project limits, permits were required from the Florida Department of Environmental Protection (FDEP).

#### NW 21st Avenue Pedestrian Bridge over C-13 Canal - Oakland Park, FL

**CLIENT** Broward County Highway Construction and Engineering Department | **ROLE** Project Manager  
Project Manager responsible for managing the design delivery, permitting and construction administration for a new prefabricated aluminum bow truss pedestrian bridge. The bridge is located on the western side of an existing roadway bridge that spans the C-13 Canal, just south of NW 21st Avenue and NW 39th Street. The project included the design of grading modifications and new sidewalks to accommodate pedestrian access that meets ADA accessibility criteria, auger cast pile foundations, pile caps, lighting and a closed-circuit television (CCTV) system. The project's construction cost was \$420,000.00. Permitting agencies included Broward County Highway Construction and Engineering Department, City of Oakland Park and South Florida Water Management District.

#### Stormwater Management Master Plan, Broward College Central Campus - Davie, FL

**CLIENT** Broward College | **ROLE** Project Manager & Engineer of Record

Project Manager and Engineer of Record responsible for the development of stormwater master plan for Broward College's Central Campus. Responsibilities include determining the existing stormwater management level of service for the entire campus and developing a phase implementation plan to address the existing drainage system's deficiencies as well as develop an overall drainage system to accommodate the site's future build out condition with wet detention ponds. Specific tasks involved evaluating the existing drainage systems, delineating drainage basins, performing hydrology and hydraulic analyses and pond siting analysis. The stormwater modeling of the existing and proposed conditions was performed with the Interconnected Channel and Pond Routing (ICPR. v3) software.





## Heidi Amigot, EI

**DESIGNER - PERMITTING**

### 3 Years of Experience

#### Education

2013 Bachelor of Science in Civil Engineering  
*Florida International University*

#### Certifications

2015 AutoCAD Civil 3D  
2015 Forterra Bar-Wrapped & Prestressed Concrete Pressure Pipe

#### Licenses

N/A

### Summary

Mrs. Amigot is an engineer intern that is gaining experience through her involvement with large utility and infrastructure projects. She is developing experience in design and plan production of civil infrastructure projects working under direct supervision of senior engineers. Her responsibilities include compiling data, performing design computations and preparing engineering plans.

### Lake Surprise Estates Neighborhood Roadway and Drainage Improvements

**CLIENT** Monroe County Engineering | **ROLE** Engineer Intern

Engineer Intern responsible for assisting in design and permitting services of roadway and drainage improvements to the Lake Surprise Estates Community in Key Largo. The project includes the rehabilitation of approximately 13,540 linear feet of roadways of which 5,600 linear feet of roadway will be milled and resurfaced and 7,960 linear feet will be reconstructed. In addition, the installation of 1,500 of 18-inch storm drainage pipes, 1,000 linear feet of 18-inch french drains and 102 drainage structures. These improvements and the retrofit activities will improve and add treatment attenuation capacity to the existing storm water management system as well as increase the pavement structural capacity.

### Three Island Reuse Irrigation Main – Hallandale Beach, FL

**CLIENT** City of Hallandale Beach | **ROLE** Engineer Intern

Engineer Intern responsible for providing design, permitting and construction administration services. The project consists of the design of approximately 3,700 LF of 8 inch new PVC pressurized reuse irrigation main from Wiley Street to Three Island Blvd along Diplomat Parkway and Atlantic Shores Blvd. The connection of the proposed irrigation main will be to the existing 24 inch reuse transmission main at Wiley Street and will terminate at Joseph Scavo Park. The irrigation main will be primarily open cut installation with portion below the DeSoto Waterway Canal being installed via Horizontal Directional Drilling. The irrigation main will be connected to underground storage tanks and a pump station at the park located on Three Island Blvd prior to providing connections for irrigation services. The project runs through both City of Hollywood and City of Hallandale Beach. The pump station will be designed to provide pressurized reuse water after withdrawing from the storage tanks. The flows received will be monitored and capped at 250,000 gpd. The project will be designed in multiple phases so that the reuse water can be stored in tank (s) and supplied as the City of Hallandale Beach's demand increases.

### Design Build Services for the Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A) - Miami, FL

**CLIENT** Miami-Dade Water and Sewer Department and City of Miami | **ROLE** Engineer Intern

Engineer Intern responsible for assisting in design, permitting and construction administration services of 39,000 linear feet of 8-inch DIP water mains and 1,100 linear feet of 6-inch DIP water mains with approximately 1,160 water service lines of which 761 are water service conversions from rear of property to front of property. The project consists of the replacement of the existing undersized and deteriorated water mains in order to improve system pressure and provide fire flow protection for the Shenandoah Area (Phase A) located between SW 27 Avenue to SW 17 Avenue from SW 16 Street to SW 8 Street in the City of Miami.

### Water Main Replacement Program - Hollywood, FL

**CLIENT** City of Hollywood Department of Public Utilities | **ROLE** Engineer Intern

Engineer Intern responsible for the design, permitting, bid and award and construction administration services of approximately 110,957 linear feet of water main and 6,600 linear feet of reuse main, water service conversions from rear of property to front of property and the addition of fire hydrants. Among other, existing asbestos pipe replacement was of critical importance in the project. The project also included utility trench restoration, pavement milling and resurfacing, marking and signage.



# Sergio Besu, C.G.C.

## BID & AWARD SERVICES

### 3 Years of Experience

#### Education

2013 Bachelor of Science in Civil Engineering  
Florida International University

#### Certifications

FDOT CTQP Qualification  
Certifications  
Final Estimates Level I and II  
Asphalt Paving Technician Level I and II  
QC Manager  
Advanced MOT

#### Licenses

TIN# B200780531470  
State of Florida Certified General Contractor 049682  
Dade County Certified Engineering Contractor E-1936  
Dade County Certified Building Contractor

### Summary

Mr. Besu has 40 years of experience related to highway, utilities, open-road tolling, ITS, commercial, residential, military construction, and project management.

### General Engineering Contract Construction Management Services

**CLIENT** Miami Dade Expressway Authority | **ROLE** Senior Project Manager

As Senior Project Manager, Mr. Besu was involved in the Management of Design and Construction of the conversion of Toll Plazas to Open Road Tolling for the Miami Dade Expressway Authority, Quality Control for ITB's and Ip's for constructability and Estimates issues. He was also involved in the Project Management of the Design Build Projects. These projects consisted of 17 steel girder bridges, MSE walls, and pile foundations.

### SR836-05 / 137th Ave. Improvements, and SR836-14 Toll Plaza Section South – Miami, FL

**CLIENT** Miami Dade Expressway Authority | **ROLE** Senior Project Manager

As Senior Project Manager, Mr. Besu was involved in the Management of Design and Construction of the conversion of Toll Plazas to Open Road Tolling for the Miami Dade Expressway Authority, Quality Control for ITB's and Ip's for constructability and Estimates issues. He was also involved in the Project Management of the Design Build Projects. These projects consisted of 17 steel girder bridges, MSE walls, and pile foundations.

### Construction Management at Risk and Design Build for the FIU Health and Wellness Clinic Expansion and African Heritage Cultural Center Music Hall Addition Projects

**CLIENT** City of Miami/State of Florida University System | **ROLE** Senior Project Manager

As Senior Project Manager, Mr. Besu managed several CM at Risk and Design- Build projects. Clients included Miami Dade County and State of Florida University System. All contracts were managed through Construction Software such as Primavera Expedition, Timberline Cost Accounting, Cost Works, Suretrak, and Microsoft Project, etc.

### Dade Correctional Facility, Maintenance Building, - Miami, FL

**CLIENT** State of Florida Department of Corrections | **ROLE** Senior Project Engineer

Work consisted of construction of a 17,000 SF building to be used for the maintenance and repair of the correctional facility. The project had specific security guidelines that were essential to the customer.



# Rodney Devera, PE

## PROJECT DESIGN ENGINEER - UTILITIES

### 12 Years of Experience

#### Education

2004 Bachelor of Science in  
Civil Engineering  
*University of Central Florida*

#### Licenses

Florida – 71384

### Summary

Mr. Devera's experience includes design of open and closed stormwater collection systems, stormwater field investigations, design of stormwater management systems, permit coordination and documentation, highway planning, cost estimating, FDOT plans preparation, and preparation of Pond Siting Report, Project Development and Environmental Studies and review of drainage connection permits. His experience also includes utility improvements such as water and sanitary sewer main extensions as well as sanitary sewer pump stations.

### Pump Station Rehabilitations – North Miami Beach, FL

**CLIENT** City of North Miami Beach | **ROLE** Project Engineer

Engineer for the rehabilitation of 5 existing sanitary sewer pumping stations around the City of North Miami Beach. Scope of work included the demolition of above ground facilities and structures and the conversion from suction-lift type configurations to submerged pumps with separate, new valve vaults. The pump station design efforts were undertaken in a fast-track type format in order to help the client meet their funding deadlines. Disciplines included water, sewer and pump design, paving/grading, structural and electrical design.

### Omni Area Utility Improvements - Miami, FL

**CLIENT** City of Miami | **ROLE** Project Engineer

Project Engineer, responsible for the planning and upgrade design of the water distribution system for most of the major streets within the Omni Neighborhood. The project involves the design of approximately 18,000 LF of 12" & 16" water mains.

### Pump Station Rehabilitations – Maitland, FL

**CLIENT** City of Maitland | **ROLE** Project Engineer

Engineer for the rehabilitation of 2 existing sanitary sewer pumping stations around the City of Maitland. Scope of work included the abandonment of one existing station, to be replaced with a design for an entirely new pump station approximately 100' away, as well as non-destructive structural testing and analysis of the existing wet well on another station. Both of these stations are to be replaced with a new wet well and valve vault structures, pumps, valves, piping, electronics, generators and telemetry. Disciplines included water, sewer and pump design, paving/grading, structural and electrical design.

### Dixie Corridor Septic to Sewer Lift Stations - Hollywood, FL

**CLIENT** City of Hollywood | **ROLE** Engineer of Record

Engineer of Record responsible for the design, permitting and construction administration services for four sewer lift stations in the City of Hollywood (W-08, W-09, W-10 and E-22). One of the lift stations was a complete replacement design for an existing station and the other two were new lift stations that are being added to their network. The goal of the project was to allow residential and commercial properties to disconnect from their septic tanks and connect to sewer treatment systems thereby reducing environmental impacts.

### Biscayne Boulevard (SR-5) 12-inch Forcemain Extension Improvements - North Miami, FL

**CLIENT** City of North Miami | **ROLE** Project Engineer

Project Manager responsible for providing design and permitting services for the design of the new pump station and five hundred (500) linear feet of six (6) inch DIP force main. The service include the design of a new wet well, new valve vault, new submersible pumps and other associated appurtenances. The new design will take into consideration the anticipated projected flows based on the College's Master Plan over the next twenty years.



# Eduardo Garces, EI

**DESIGNER - COST ESTIMATING**

## 4 Years of Experience

### Education

2014 Master of Science in  
Civil Engineering  
*Florida International University*

2012 Bachelor of Science in Civil  
Engineering  
*Florida International University*

### Licenses

N/A

## Summary

Mr. Eduardo Garces has been involved with pre-engineering coordination design, plans preparation, and engineer's for several large projects. He is knowledgeable of the standards of engineering practice in the state of Florida. His professional experience ranges from roadway improvements projects, parks renovations, and improvements to utilities related projects. He is also experienced in engineering feasibility analysis for a wide variety projects.

## Village of Key Biscayne Implementation of Stormwater Masterplan Task 1 – Stormwater Masterplan Update

**CLIENT** Village of Key Biscayne | **ROLE** Engineer Intern

Engineer responsible for providing all of the civil engineering modelling and design services for the VKB Implementation of SWMP - Task 1 SWMP Update project. The project entailed (1) updating the model developed by a previous engineer and updating said model to reflect all of the stormwater improvements carrier out by VKB as of June 2015, (2) incorporate into the model project sea level rise to be experience in the Village of Key Biscayne (3) and analyse model results and the creating of two capital improvement projects aimed at reducing excessive flooding throughout the Village of Key Biscayne. Of particular interest during this effort was the need to provide stormwater attenuating capacity to the K-8 Center Elementary School in accordance with Safe Routes to School (SRTS) program.

## Village of Key Biscayne Implementation of Stormwater Masterplan Task 2 – Tier 1 Improvements: High Tide Mitigation

**CLIENT** Village of Key Biscayne | **ROLE** Engineer Intern

Engineer responsible for providing all of the civil engineering, permitting and construction administration services for the VKB Implementation of SWMP - Task 2 Tier 1 Improvements: High Tide Mitigation. The objective of their project is to reduce or eliminate excessive flooding throughout the village of Key Biscayne as a result of High Tides as well as rising sea level rise through the installation of backflow preventors at all outfall throughout the village.

## Greynolds Park Renovations and Improvements – Miami, FL

**CLIENT** Miami-Dade Parks, Recreation and Open Spaces | **ROLE** Engineer Intern

Engineer Intern responsible to the design, plans preparation, permitting, and client and subconsultant coordination of a 265-acre historic urban park developed in 1939. The project included renovations and improvements pedestrian and vehicular facilities as well as drainage design of maintenance courtyard for the park. Included among the improvements are the redesign of the two main entrances to the park and road widening of causeway.

## Biscayne Boulevard 12-inch Force Main Extension Improvements

**CLIENT** City of North Miami | **ROLE** Engineer Intern

Responsible for the construction administration of 5800 LF of 12-inch force main along Biscayne Boulevard, which is maintained by the Florida Department of Transportation (FDOT District VI). Project is part of a city-wide master plan force main upgrades. Tasks included: coordination with contractor, shop drawings review, nocturnal site inspections and same day response to contractor issued RFIs.

## NW 96th Street Stormwater Drainage Improvements

**CLIENT** Town of Medley | **ROLE** Engineer Intern

Responsible for pre-engineering coordination, design, plans preparation, and engineer's opinion of cost for NW 96th Street from NW 87th Avenue to NW South River Drive. Project included (1) roadway improvements, variable slope correction (2) stormwater drainage improvements with future point of connection to a new outfall to the C-6 Canal (owned and maintained by South Florida Water Management District).



# Rohan Gardner, PE

## LEAD PROJECT ENGINEER - CONSTRUCTION ADMINISTRATION SERVICES

### 20 Years of Experience

#### Education

1996 Master's Degree in Project Management for Civil Engineers  
*Northwestern University*

1995 Bachelors of Science in Civil Engineering  
*Northwestern University*

#### Licenses

Florida - 60083

#### Certifications

CTQP Asphalt Paving I & II  
CTQP Final Estimates I & II  
ATSSA Advanced MOT  
CTQP Quality Control Manager  
Critical Structure Construction Issues  
10-Hour Occupational Safety and Health Training  
Qualified Stormwater Mgt Inspector

#### Memberships

Board of Professional Engineers  
American Society of Civil Engineers

### Summary

Mr. Gardner has more than 20 years of experience in construction, engineering and project management on a wide range of civil engineering projects in South Florida. He is an outstanding civil engineer and construction manager who has worked and proven himself on both sides of the construction industry, working as a construction manager for general contractor companies. Since 2006, Mr. Gardner has been managing construction programs and projects, including Design-Build projects, and managing of construction staff ranging from 5 to 10 engineers, inspectors, and clerical personnel.

### Manatee Isles Sidewalk and Roadway Improvements - Weston, FL

**CLIENT** City of Weston | **ROLE** Construction Engineer

Construction Engineer responsible for overseeing new six (6) feet wide concrete sidewalk on the north edge of Manatee Isles Drive from the intersection of Manatee Drive & Vista Park Boulevard to the existing sidewalk located just west of the intersection of Manatee Isles Drive & Water's Edge Street (the Shores/Windmill Reserve Development). This project provided improvements for a Safe Route to School. In addition the design included a new crosswalk from the proposed sidewalk to the intersection's southeast quadrant (Manatee Bay Elementary School). This project involved a permit modification with South Florida Water Management District due to the proximity of the sidewalk to a wetland area that required separation with a chain link fence. The project also included the installation of new water main laterals and services meter in the adjacent housing development with asphalt restoration.

### East Palm Drive Widening & Culverting - Florida City, FL

**CLIENT** City of Florida City | **ROLE** Construction Engineer

Construction Engineer for culverting and full enclosure of the East Palm Drive Canal from US 1 to SW 172 Avenue. After the canal is covered, additional traffic lanes will be created. The Engineering Services includes but not be limited to preliminary/final roadway, utility and storm water engineering analyses and design, site investigation, testing, development planning, investigating needs and feasibility, design, conducting any environmental or other specialized studies (not the NEPA Environmental Assessment), developing the final scope and engineering estimate, plans and specifications, permitting and any other services needed to bring the project to bid, bid process management, construction notice to proceed, construction oversight, and closeout. Grant compliance with State of Florida Small Cities Community Development Block Grant Program is required as part of the Scope of Work.

### Country Isles Water Main Replacement - Weston, FL

**CLIENT** City of Weston | **ROLE** Construction Manager

Construction Manager provided construction management services for the replacement of water service lines within Country Isles development in the City of Weston. The services included daily construction oversight and construction administrative support services such as monthly progress meeting, reviews of pay requests, field reports, review of certified as-builts and preparation of record drawings for construction completion certification.

### PGA Boulevard Bascule Bridge Rehabilitation

**CLIENT** Palm Beach County | **ROLE** Project Administrator

Project Administrator responsible for the demolition/ reconstruction of the existing PGA Blvd. eastbound bascule piers, leafs and flanking spans and the rehabilitation of the westbound bridge. Mr. Gardner worked on the coordination and implementation of the "lead" abatement plan and "painting" of all bridge steel superstructure and machinery components and replacement of the bridge expansion joints. The project further included removal and replacement of structural steel members, the floor decking, and the bridge railing system, the rehabilitation of the bridge tender control house, which involved contamination issues such as asbestos abatement and the replacement of all bridge electrical and mechanical components including the bridge's programmable logic controller.



# Dario Gerszuny, EI

## DESIGNER - COST ESTIMATING

### 2 Years of Experience

#### Education

2014 Master of Engineering  
– Specialization: Construction  
Engineering  
*University of Florida*

2013 Bachelor of Science in Civil  
Engineering, Summa Cum Laude  
*University of Florida*

#### Licenses

N/A

### Summary

Despite having 2 years of experience in the civil engineering field, Mr. Gerszuny has developed a vast array of skills and knowledge that have proven to be very essential. In his role as Engineering Intern, he has become very well-equipped to handle any task that may arise in a project. In addition to having all the intangible assets that one would want in an engineer, Dario is also very adept in design and production. Dario has demonstrated the capability and efficiency with design software such as AutoCAD Civil 3D, among others. Dario's motivation coupled with his skillset and experience have made him a very valuable asset to our team.

### City-Wide Capital Improvements Program – Opa-Locka, FL

**CLIENT** City of Opa-Locka | **ROLE** Engineer Intern

Engineer Intern assisting in the design for citywide improvements to water distribution system totaling approximately 400,000 linear feet of pipes, rehabilitation/upgrades to 154,000 linear feet of sewer system, and upgrades to 3 pump stations, and stormwater system drainage improvements to approximately 25 roadway miles encompassing nearly the entire city of Opa-Locka. Project also included (1) pre-engineering task, client and design-build team coordination, (2) design and interconnection of drainage systems into new outfalls discharging into city-owned waterbodies, (3) design and reconstruction of selected roads and (4) engineer's opinion of cost estimate. The project was developed following a very aggressive, fast-tracked design schedule.

### Wastewater System Evaluation - Weston, FL

**CLIENT** City of Weston | **ROLE** Engineer Intern

Engineer Intern responsible for performing Wastewater Collection System Flow Analyses, Wastewater Model Development, Calibration and Analysis, and Project Management and Final Report Preparation.

### S-319 & S-362 Generators Replacement and Relocation – Palm Beach County, FL

**CLIENT** South Florida Water Management District (SFWMD) | **ROLE** Engineer Intern

Engineer Intern responsible for the civil design of two generator building additions to the existing pump stations, as well as the overall coordination of the project's effort (6 subconsultants) to ensure project success and on-time completion.

### Design Build Services for the Replacement of Water mains and Service Conversions in the Shenandoah Area (Phase A)

**CLIENT** Miami-Dade Water and Sewer Department & City of Miami | **ROLE** Engineer Intern

Engineering Intern responsible for the design, permitting and construction administration services of 39,000 linear feet of 8-inch DIP water mains and 1,100 linear feet of 6-inch DIP water mains with approximately 1,160 water service lines of which 761 are water service conversions from rear of property to front of property. The project consists of the replacement of the existing undersized and deteriorated water mains in order to improve system pressure and provide fire flow protection for the Shenandoah Area (Phase A) located between SW 27 Avenue to SW 17 Avenue from SW 16 Street to SW 8 Street in the City of Miami.

### Three Island Reuse Irrigation Project

**CLIENT** City of Hallandale Beach | **ROLE** Engineer Intern

Engineering Intern responsible for leading the efforts in the planning, design and permitting of a new reuse irrigation system consisting of approximately 3200 linear feet of 8-inch PVC pipe (C-900), as well as approx. 600 linear feet of 10-inch DIP HDPE DR 9 by means of horizontal directional drilling (HDD) and the design of a pump station and a series of storage tanks.



# Raymond Goenaga, EI

## DESIGNER - COST ESTIMATING

### 3 Years of Experience

#### Education

2012 Bachelor of Science in Civil Engineering  
*Florida International University*

#### Licenses

N/A

### Summary

Mr. Goenaga has developed a vast array of skills and knowledge that have proven to be very essential despite having just 3 years of experience in the civil engineering field. In his role as Engineering Intern, he has become very well-equipped to handle any task that may arise in a project. In addition to having all the intangible assets that one would want in an engineer, Raymond is also very adept in design and production. Raymond has demonstrated the capability and efficiency with design software such as AutoCAD Civil 3D, among others. Raymond's motivation coupled with his skillset and experience have made him a very valuable asset to our team.

### Lake Surprise Estates Neighborhood Roadway and Drainage Improvements

**CLIENT** Monroe County Engineering | **ROLE** Engineer Intern

Engineer Intern responsible for construction administration providing to the Lake Surprise Estates Community in Key Largo. The project includes the rehabilitation of approximately 13,540 linear feet of roadways of which 5,600 linear feet of roadway will be milled and resurfaced and 7,960 linear feet will be reconstructed. In addition, the installation of 1,500 of 18-inch storm drainage pipes, 1,000 linear feet of 18-inch french drains and 102 drainage structures. These improvements and the retrofit activities will improve and add treatment attenuation capacity to the existing storm water management system as well as increase the pavement structural capacity.

### Master Pump Station and Force Main Design, Broward College South Campus - Pembroke Pines, FL

**CLIENT** Broward College | **ROLE** Engineer Intern

Engineer Intern responsible for providing design and permitting services for a new replacement of the main sewage pump station located at the intersection of McArthur Parkway and the College's perimeter road. The services will include the design of a new wet well, new valve vault, new 12 horse power submersible pumps, new 500 linear feet of 6-inch force main and other associated appurtenances. The current pumps are undersized and have operational issues depending on the connecting pressures from City of Pembroke Pines' force main along Pines Boulevard. The new design will take into consideration the anticipated projected flows based on the College's Master Plan over the next twenty years.

### Diana Drive Roadway & Drainage Improvements

**CLIENT** City of Hallandale Beach | **ROLE** Engineer Intern

Engineering Intern responsible for the design of Diana Drive Roadway and Drainage Improvements project. The limits of the project includes both Diana Drive and a parallel Frontage Road, from Golden Isles Drive to SE 26th Street. The length of the project is approximately 1,715 linear feet. The typical section selected for this project will provide for ADA access and pedestrian sidewalk on both sides of the road. The drainage design will improve the existing flooding issues by providing exfiltration trench system. A traffic circle and speed humps are added features to provide for traffic calming.

### Watermain Replacement Program - Hollywood, FL

**CLIENT** City of Hollywood Department of Public Utilities | **ROLE** Engineer Intern

Engineer Intern responsible for the design, permitting, bid and award and construction administration services of approximately 76,800 linear feet of 8-inch PVC (C-900) water main replacements, water service conversions from rear of property to front of property and the addition of fire hydrants. The project area is located between Johnson Street to Taft Street from N 66 Avenue to N 76 Terrace in the City of Hollywood. Among other, existing asbestos pipe replacement was of critical importance in the project. The project also included utility trench restoration, pavement milling and resurfacing, marking and signage



# Salvador Gonzalez, EIT

## BID & AWARD SERVICES

### 2 Years of Experience

#### Education

2013 Bachelor of Science in Civil Engineering  
Florida International University

#### Licenses

N/A

### Summary

Mr. Gonzalez is an engineer intern, possessing a Bachelor's of Science degree in both Civil Engineering and Mathematics. He is gaining experience in the areas of design and plans production for large utility and civil infrastructure projects, while working under direct supervision of senior engineers. His responsibilities include compiling data, design computations and preparing engineering plans.

### Lake Surprise Estates Neighborhood Roadway and Drainage Improvements

**CLIENT** Monroe County Engineering | **ROLE** Engineer Intern

Engineer Intern responsible for assisting in design and permitting services of roadway and drainage improvements to the Lake Surprise Estates Community in Key Largo. The project includes the rehabilitation of approximately 13,540 linear feet of roadways of which 5,600 linear feet of roadway will be milled and resurfaced and 7,960 linear feet will be reconstructed. In addition, the installation of 1,500 of 18-inch storm drainage pipes, 1,000 linear feet of 18-inch french drains and 102 drainage structures. These improvements and the retrofit activities will improve and add treatment attenuation capacity to the existing storm water management system as well as increase the pavement structural capacity.

### Three Island Reuse Irrigation Main

**CLIENT** City of Hallandale Beach | **ROLE** Engineer Intern

Engineering Intern involved in the design, permitting and construction administration services. The project consists of the design of approximately 3,700 LF of 8 inch new PVC pressurized reuse irrigation main from Wiley Street to Three Island Blvd along Diplomat Parkway and Atlantic Shores Blvd. The connection of the proposed irrigation main will be to the existing 24 inch reuse transmission main at Wiley Street and will terminate at Joseph Scavo Park.

### Design Build Services for Replacement of Watermains and Service Conversions in the Shenandoah Area (Phase A) – Miami, FL

**CLIENT** Miami Dade Water and Sewer Department | **ROLE** Engineer Intern

Engineer Intern assisting in design, permitting and construction administration services of 39,000 linear feet of 8-inch DIP water mains and 1,100 linear feet of 6-inch DIP water mains with approximately 1,160 water service lines of which 761 are water service conversions from rear of property to front of property.

### Watermain Replacement Program - Hollywood, FL

**CLIENT** City of Hollywood Department of Public Utilities | **ROLE** Engineer Intern

Engineering Intern involved in the design, permitting, bid and award and construction administration services of approximately 76,800 linear feet of 8-inch PVC (C-900) water main replacements, water service conversions from rear of property to front of property and the addition of fire hydrants. The project area is located between Johnson Street to Taft Street from N 66 Avenue to N 76 Terrace in the City of Hollywood. Among other, existing asbestos pipe replacement was of critical importance in the project. The project also included utility trench restoration, pavement milling and resurfacing, marking and signage.

### Master Pump Station Rehabilitation, Broward College South Campus - Pembroke Pines, FL

**CLIENT** Broward College | **ROLE** Engineer Intern

Engineering Intern involved in the design and permitting services for the rehabilitation of the main sewage pump station located at the intersection of McArthur Parkway and the College's perimeter road. The services will include the design of a new wet well, new valve vault, new submersible pumps and other associated appurtenances. The new design will take into consideration the anticipated projected flows based on the College's Master Plan over the next twenty years.





# Donna Grace, PE

## LEAD PLANNING ENGINEER - UTILITIES

### 29 Years of Experience

#### Education

1989 Master of Science in Environmental Engineering  
*University of Florida*

1986 Bachelor of Science in Chemistry  
*University of the West Indies*

#### Licenses

Florida – 47050

#### Memberships

American Water Works Association

### Summary

Mrs. Grace has over twenty-seven years of experience in the environmental engineering field with a background which includes extensive experience in the areas of master planning and hydraulic analysis of both water distribution and wastewater force main systems, water and wastewater pipeline design, roadway and drainage improvement projects, desktop regulatory studies, treatment plant expansion design, and construction management.

### Rehabilitation of City of North Miami Wastewater Pump Stations and Drainage Improvements

**CLIENT** City of North Miami | **ROLE** Project Manager

Responsible for the quality review for the design of three pump stations owned by the City identified with insufficient capacity per the City's hydraulic analyses as part of the City's Sanitary Sewer Master Plan. The pump stations will require upgrades to allow for the stations to satisfy the minimum working conditions and comply with jurisdictional and regulatory standards for operations. These pumps are: 1) PS 24- Hospital Station located at NE 16th Avenue and NE 125 St 2) PS 10- Sans Souci 1 located on Canal Drive between NE 117 Rd and NE 118th Rd 3) PS 12- Sans Souci 3 located on 2100 Sans Souci Blvd. At the intersection of NE 122nd road and Canal Drive, there is ponding issues. EAC is to regrade the intersection and address the drainage issues with a drainage inlet that connects to the existing drainage system.

### City-wide Water Distribution and Sanitary-Sewer Infrastructure Improvements

**CLIENT** City of Opa-locka | **ROLE** Project Manager

Project Manager for the planning documents and design development for citywide improvements to existing pipelines for water distribution (400,000 linear feet), sanitary sewer (154,000 liner feet) and pump stations (3) upgrades, and stormwater system drainage improvements to approximately 25 roadway miles encompassing nearly the entire city of Opa-Locka. Project also included (1) pre-engineering task, client and design-build team coordination, (2) design and interconnection of drainage systems into new outfalls discharging into city-owned waterbodies, (3) design and reconstruction of selected roads and (4) engineer's opinion of cost estimate and (5) was developed following a very aggressive, fast-tracked design schedule.

### Capital Improvement Projects Planning Report

**CLIENT** City of Opa-locka | **ROLE** Project Manager

Prepared capital improvements projects planning reports for the City of Opa-locka's wastewater collection system. To facilitate needed infrastructure improvements in the city, EAC provided assistance to solicit funding from the Clean Water State Revolving Fund. EAC was responsible for the preparation of the planning report required by the State of Florida. The scope of services involved a planning level evaluation of the city's wastewater collection and transmission system with a focus on identification of its current deficiencies, developing alternative levels of approaches to rectify these deficiencies, recommending and prioritizing the necessary improvements, and providing a cost estimate for the recommended improvements. This document provided the minimum required jurisdictional levels of serviceability, current operating conditions and replacement or rehabilitation based on age, damage or defect.

### Biscayne Boulevard 12-inch Forcemain Extension Improvements

**CLIENT** City of North Miami | **ROLE** Project Manager

Responsible for providing quality review for engineering design services for upsizing of approximately 7,500 Linear feet of existing 8-inch diameter force main to 12-inch diameter force main along Biscayne Boulevard and the engineering design for a new segment of 500 Linear feet of 12-inch diameter force main pipeline along NE 119th Street. The upgrades and/or improvements were required in order to meet regulatory requirements and was designed at the recommendations provided by the City's Sanitary Sewer master plan.



# Daniel Greenberg, PE

## LEAD DESIGN ENGINEER - CIVIL

### 20 Years of Experience

#### Education

2008 Bachelor of Science in  
Civil Engineering  
*University of Florida*

#### Licenses

Florida –76105

#### Certifications

FDOT Maintenance of Traffic  
Specifications

#### Memberships

American Society of Civil  
Engineers  
Florida Engineering Society  
Design Build Institute of America

### Summary

Mr. Greenberg has over 8 years of experience in highway and drainage design. He has experience in design and plans preparation for 3R, major and complex highway projects including: alignment, drainage, maintenance of traffic design (certified), signing and pavement markings plans, pavement design reports, and preparation of FDOT specifications package (certified).

#### **US1/SR 5 Overseas Highway from Blue Isle Boulevard to N. of Beach Access**

**CLIENT** FDOT District 6 | **ROLE** Project Designer

Project Designer responsible for the design service for roadway improvements which included milling and resurfacing of an existing two lane facility as well as creating a paved northbound shoulder paving to serve as an evacuation route from Blue Isle Boulevard to N. of Beach Access (MM 59.9 to MM73.4) in the Florida Keys.

#### **I-95 and Spanish River Boulevard Interchange, Palm Beach County**

**CLIENT** FDOT District 4 | **ROLE** Project Designer

Project Designer responsible for the design of stormwater management facilities, conveyance systems, plans production, coordination with permitting agencies, and preparation for the new three level Spanish River Interchange. This project includes the construction of a new interchange, modification to the existing Yamato Road and I-95 interchange, addition of Auxiliary lanes from Glades Road to Congress Avenue on I-95 and cross street improvements of Spanish River and Yamato Road. This third level interchange includes coordination with FAA, Boca Airport, City of Boca Raton, and Florida Atlantic University (FAU). This improvement will provide connectivity between FAU, Tri-Rail and I-95 to daily congestion as well as event traffic generated during events held at the newly constructed FAU stadium.

#### **Biscayne Point Neighborhood ROW Improvement**

**CLIENT** City of Miami Beach | **ROLE** Civil Designer

Civil Designer for the Biscayne Point Neighborhood ROW Improvement Project that encompasses targeted roadway/streetscape and potable water distribution improvements. The Biscayne Point Neighborhood ROW Improvement Project encompasses targeted streetscape, roadway resurfacing, rehabilitation and repair, stormwater and water supply improvements.

#### **SR 566 (Thonotosassa Road) RRR – from West Baker Street to Townsgate Court**

**CLIENT** FDOT District 7 | **ROLE** Project Manager

Project Manager for the milling, resurfacing, upgrading of signs and pavement markings, and upgrading of existing roadside safety including new sidewalks and bicycle lanes on SR 566 (Thonotosassa Road) from Townsgate Court to north of I-4. The project limits is located inside of the City of Plant City and Hillsborough County. The drainage system consists of a series of roadside ditches, which convey runoff towards wetland systems located adjacent to the FDOT Right-of-Way (R/W). Also participated in the drainage improvements - reshaping the existing ditches and designing new side drains under side streets and driveways.

#### **Palm Avenue from Stirling Road to Griffin Road**

**CLIENT** Broward County Engineering Division | **ROLE** Project Designer

Project Designer for this project which comprises of milling and resurfacing, widening and reconstruction of Palm Avenue from Stirling to Griffin Road. The existing roadway is a two-lane undivided facility that extends for approximately 1.4 miles within the project limits. The proposed scope of work will result in a four lane divided roadway with adequate storm water treatment, conveyance, disposal and management.



# David Gilpin-Hudson, AICP

## LEAD PLANNER - CIVIL

### 16 Years of Experience

#### Education

1986 Master of Science in  
Agricultural Engineering  
*University of Florida*

1982 Bachelor of Science in  
Agricultural Economics  
*University of Florida*

#### Certifications

Certified Planner, American  
Institute of Certified Planners  
(AICP)

#### Memberships

American Planning Association

### Summary

Mr. Gilpin-Hudson career's includes 16 years of developing and implementing regional and sub-regional water supply plans within the South Florida Water Management District (SFWMD), and coordinating plan development with the Florida Department of Environmental Protection (DEP), other water management districts, utilities, local governments and urban, agricultural and environmental groups. Mr. Gilpin-Hudson later was promoted to the SFWMD's executive office, where for seven years he aligned planning, budgeting and evaluation activities with agency priorities and plans. He managed the SFWMD Strategic Plan and Volume II of the South Florida Environmental Report annually from initiation to Governing Board adoption, then through implementation, performance measurement and reporting. Mr. Gilpin-Hudson has been acknowledged for excellence in strategic planning, policy analysis, comprehensive planning, resource planning, best practice implementation, performance measurement, evaluation and reporting.

### Indian River Lagoon-South Feasibility Study

**CLIENT** St. Johns River Water Management District | **ROLE** Primary Author

Consulting with South Florida Engineering & Consulting (a contractor for the St. Johns River Water Management District) - prepared a literature review for project development and feasibility study to investigate future opportunities to reduce anthropogenic nutrient and sediment loads to the Indian River Lagoon through the capture and treatment of stormwater flows.

### Comprehensive Plan Review

**CLIENT** South Florida Water Management District (SFWMD) | **ROLE** Supervisor(of Project Manager)  
Supervisor of project manager. Supervised the SFWMD Comprehensive Plan review process to meet SFWMD responsibilities within specified deadlines. Supervised the SFWMD review of Comprehensive Plans for municipalities within the SFWMD, including Evaluation Appraisal Reports (EARs).

### Water Supply Plans

**CLIENT** South Florida Water Management District (SFWMD) | **ROLE** Supervisor(of Regional Project Managers)

Supervised the development and implementation of four regional water supply plans that cumulatively cover the entire SFWMD. These regional plans include analyses of shortfalls in water resources versus demand forecasts, as well as implementing projects to make the necessary water resources available. Plan development included water resource analysis through mathematical modeling; economic analyses, budgeting and project development; as well as coordination with local governments, utilities and urban, agricultural and environmental interest groups. Coordinated water supply plan implementation with the Comprehensive Everglades Restoration Plan (CERP). Prepared cost projections for projects within regional water supply plans.

### South Florida Environmental Report

**CLIENT** South Florida Water Management District (SFWMD) | **ROLE** Project Manager

Managed the annual development of Volume II of the South Florida Environmental Report – which replaced numerous individual fiscal, capital improvement, water resource, and land management reports. Also penned South Florida Environmental Report legislative bill in coordination with DEP and Florida's other water management districts. Resulting legislation based on bill language now guides all water management districts.



## K.T. Lin, PE, Ph.D

### PROJECT DESIGN ENGINEER - STRUCTURES

#### 32 Years of Experience

#### Education

1987 PhD in Civil Engineering  
*University of Miami*

1984 Master of Science in  
Civil Engineering  
*University of Miami*

1980 Bachelor of Science in  
Civil Engineering  
*National Taiwan University*

#### Licenses

Florida – 41081

#### Summary

Mr. Lin has 32 years of experience in Bridge Structural Analysis and Design. His expertise includes structural analysis and design for a wide variety of bridge structures, including concrete and steel grade separation structures, water crossing and viaduct structures, and segmental concrete bridges. Mr. Lin is a recognized Structural Engineer and has taken an important role on many projects throughout South Florida. He is familiar with the AASHTO, ACI, and AISC design codes, and local and state criteria. He also possesses extensive experience working in FDOT Design-Build projects.

#### Port Everglades Bridge over FPL Canal

**CLIENT** Broward County | **ROLE** Senior Project Manager

Quality Control/Assurance Personnel of the 5-span 240' long bridge, comprised of AASHTO Type II beams on 24" square pre-stressed concrete pile bents. The bridge was designed to accommodate the high truck volumes of the port, and as such is flared at one end to facilitate a 50 foot vehicle turning radius.

#### NW 116th Way Bridge over C-6 Canal - Miami-Dade County

**CLIENT** Town of Medley/FDOT District 6 Local Agency Program (LAP) | **ROLE** Project Manager

Project Manager for the bridge maintenance repair and deck retrofit of this design-build project. The LAP project involved bridge structural analysis and design, maintenance of traffic, permit applications and coordination with local agencies and the Town of Medley to fulfill LAP goals.

#### Tamiami Trail/SR90 - Miami-Dade County

**CLIENT** US Army Corps of Engineers | **ROLE** Engineer of Record

Structural Engineer of Record for the design of a 1-mile long bridge. The bridge has a typical span of 80', with a superstructure utilizing AASHTO Type IV beams and a substructure consisting of and 24" square pre-stressed concrete piles. The project was designed on an accelerated schedule and completed in 6 months. Post-design services included shop drawings review, RFI, and construction assistance.

#### District-Wide Structures Design and Plans Review - Miami, FL

**CLIENT** FDOT District 6 | **ROLE** Project Manager

Work consisted of construction of a 17,000 SF building to be used for the maintenance and repair of the correctional facility. The project had specific security guidelines that were essential to the customer.

#### General Engineering Consultant Plans Review

**CLIENT** Miami-Dade Expressway Authority | **ROLE** Structural Task Manger

Structural Task Manger for plans review and technical support for the construction of MDX's 5-year work program. Technical responsibilities included plan and design review of the SR 826/SR 836 Interchange Design-Build project comprising 50 plus bridges consisting of 4 segmental concrete box bridges, a number of steel plate girder bridges, and numerous FIB bridges. Review of the segmental bridges included shop drawings, erection manuals and analysis, and construction issues.

#### Peer Review Port of Miami Tunnel

**CLIENT** FDOT District 6 | **ROLE** Project Manager

Project Manager for structural peer review services on the Port of Miami Tunnel Project. Peer review was conducted at 60% and 90% design for: MacArthur Bridge Widening, Watson Island Control Building, Dodge Island Control Building, Dodge Island Maintenance Building and Dodge Island Grade Separation Bridge.



# Shari Ramirez, PE

## LEAD DESIGN ENGINEER - UTILITIES

### 11 Years of Experience

#### Education

2005 Bachelor of Science in Civil Engineering

*Florida International University*

#### Licenses

Florida –73078

#### Memberships

American Society of Civil Engineers

### Summary

Mrs. Ramirez has more than 11 years of experience in general civil engineering emphasizing on infrastructure, aviation and municipal projects. She currently serves as production and design lead on several projects. She is experienced in utilizing state of the art technology production software and tools. Shari's hands-on approach to planning, design and development of construction plans and documents have proven to be an important asset in the successful completion of projects and client's satisfaction. Ms. Ramirez expertise is in the area of paving, grading, drainage, roadways, airports and utilities.

### Doctor's Arm Culvert Repairs

**CLIENT** Monroe County Engineering | **ROLE** Engineer of Record

Engineer of Record responsible for the design of the repairs of 3 equalizer culverts located on West Ortega Lane, in the Doctor's Arm subdivision of Big Pine Key, Florida. After a site inspection performed, it was found that the corrugated pipe culverts were in deteriorated condition. The design services were in accordance to Florida Department of Transportation (FDOT) standards. The project involved replacing all three pipe culverts with a suitable material for that area as well as providing end treatments and coordination with FKAAs on an existing water main partial relocation. And due to the proximity of wetlands and protection to the mangroves within the project limits, it required permitting from Florida Department of Environmental Protection Agency (FDEP).

### Bay Haven, Seaside and Dove Creek Estates Neighborhoods Roadway and Drainage Improvements

**CLIENT** Monroe County Engineering | **ROLE** Engineer of Record

Engineer of Record responsible for providing design and permitting services of roadway and drainage improvements to the Bay Haven, Seaside and Dove Creek Estates Community in Key Largo. The project includes the rehabilitation of approximately 11,600 linear feet of roadways. The project consist of milling and resurfacing, roadway reconstruction, swale regrading, and drainage improvements. The improvements and the retrofit activities will improve and add treatment attenuation capacity to the existing storm water management system as well as increase the pavement structural life.

### Lake Surprise Estates Neighborhood Roadway and Drainage Improvements

**CLIENT** Monroe County Engineering | **ROLE** Engineer of Record

Engineer of Record responsible for providing design, permitting services and construction administration services of roadway and drainage improvements to the Lake Surprise Estates Community in Key Largo. The project includes the rehabilitation of approximately 13,540 linear feet of roadways of which 5,600 linear feet of roadway will be milled and resurfaced and 7,960 linear feet will be reconstructed. In addition, the installation of 1,500 of 18-inch storm drainage pipes, 1,000 linear feet of 18-inch french drains and 102 drainage structures. The improvements and the retrofit activities will improve and add treatment attenuation capacity to the existing storm water management system as well as increase the pavement structural life.

### Design Build Services for the Replacement of Water mains and Service Conversions in the Shenandoah Area (Phase A)

**CLIENT** Miami-Dade Water and Sewer Department/City of Miami | **ROLE** Engineer of Record

Engineer of Record responsible for the design, permitting and construction administration services of new 8 inch watermains and service conversions. The project includes 761 water service conversions from rear of property to front of property and approximately 1,160 water services. The project consists of the replacement of the existing undersized and deteriorated water mains in order to improve system pressure and provide fire flow protection for the Shenandoah Area (Phase A) located between SW 27 Avenue to SW 17 Avenue from SW 16 Street to SW 8 Street in the City of Miami. The project will also include pavement milling and resurfacing, marking and signage.



# Ari Risher

## QUALITY CONTROL/ASSURANCE

### 28 Years of Experience

#### Education

2013 Bachelor of Science in Mineral Processing Engineering, West Virginia University

#### Continued Education

Certificate of Completion, AutoCAD Civil3D, 2007  
Certificate of Completion, Water CAD, 2004  
Certificate of Completion, Primavera Suretrack Construction Management Software  
Certificate of Completion, Hydrology Modeling ICPR  
Certificate of Completion, HEC I and II

#### Memberships

American Society of Civil Engineers (ASCE).  
Society of Mining Engineers (ASME).  
Latin Builders Association, (LBA).  
Florida Builders Homeowners Association (FBHA)

### Summary

Ms Risher has 28 years of civil design and engineering experience specializing in water and wastewater distribution and collection systems, storm water management systems, and land development projects. Presently Ari is responsible for managing and coordinate construction projects for FDOT and Public Utilities involving underground utilities, railroad and Land development. She is capable of prioritizing and handling multiple tasks effectively in order to reach on-going deadlines with minimal supervision.

### Needs Assessment Program, various locations, Miami-Dade Water and Sewer Department – Miami-Dade County, FL

**CLIENT** Miami Dade Water and Sewer Department | **ROLE** Project Manager

Managed the design, permitting and construction of numerous water improvement projects approximately 20,000 linear feet of water mains. Design water utility plans as per regulatory standards; prepared technical specifications and construction documents; performed detailed quantity take-offs and cost estimating; permitted projects through such agencies as HRS, DERM, MDPWD, and various municipalities; reviewed shop drawings; and coordinated construction activities such as RFIs, change orders, and assisted in-claim analysis. Coordinate scope of work with geotechnical and surveyors. extending 300 feet east of S.W 73rd Court.

### Government Cut Tunnel Design-Build Criteria Package Survey, Geotechnical, and Engineering Services

**CLIENT** Miami-Dade Water and Sewer Department | **ROLE** Project Engineer

Providing engineering and survey services for the development of the design criteria package for the replacement of the 54-inch sanitary sewage force main from Miami Beach to Virginia Key and replacement of a 20-inch water main between Port Island and Fisher Island. Involved in the data collection, survey, as-builts verification and utility coordination for the alternative analysis design.

### Venetian Causeway Street Improvement and Beautification Project

**CLIENT** Miami-Dade Water and Sewer Department | **ROLE** Project Engineer

Project Manager in charge of the, utility coordination, stormwater drainage, pavement and marking and Maintenance of Traffic design. The overall stormwater drainage design involved delineation of drainage basins, and evaluating and modeling storm water routing alternatives using ICPR Software. Final drainage system consisted of over 5,000 lf of drainage pipe with sizes ranging from 15-inches through to 36-inches in diameter; 100 drainage structures; and utilized exfiltration trenches to provide the required storage/water quality treatment with several emergency outfalls prior to discharge into Biscayne Bay. The project required mediation between various state, municipal, and federal environmental permitting authorities.

### Watermain Replacement Program (Johnson Street to Taft Street from N 66th Avenue to N 76 Terrace)

**CLIENT** City of Hollywood Department of Public Utilities | **ROLE** Quality Control/Assurance

QA/QC responsible for the design of an 8-inch water main replacements and service lines connection between Johnson Street (excluding segment between NW 72nd Avenue and N. 76th Terrace) to Taft Street (excluding segment between NW 72nd Avenue and NW 66th Avenue) from N 66th Avenue to N 76 Terrace within public right of way. These improvements are necessary due to the age, frequent repairs and material of the existing pipes. The estimated total length of water mains to be installed in this project is 76,800 feet. In addition, the relocation of the existing meter from back to the front of houses (behind the sidewalk) as well as compliance with jurisdictional agencies and fire safety requirements.



# Evelyn Rodriguez, PE

## PROJECT DESIGN ENGINEER - CIVIL

### 6 Years of Experience

#### Education

2013 Master of Science in  
Engineering Management  
*Florida International University*

2010 Bachelor of Science in Civil  
Engineering  
*Florida International University*

#### Licenses

Florida – 78548

#### Memberships

Member - American Society of  
Civil Engineers  
Member – Chi Epsilon  
Member- Tau Beta Pi  
Member- National Society of  
Collegiate Scholars

### Summary

Ms. Rodriguez has 6 years of experience in general civil engineering design. Her latest design experience has potable water main and sanitary sewer extensions as well as storm sewer layout for private and public projects. She has experience on site development. She has assisted in pump station design as well as project cost estimates and construction administration services. Ms. Rodriguez has also conducted hydraulic modeling for the development of water and wastewater master plans.

### Greynolds Park Rehabilitation and Improvements - Miami Gardens, FL

**CLIENT** Gurri-Matute PA | **ROLE** Project Designer

Designer with responsibilities that include site investigation, review of permitting agency requirements, preliminary design report, schematic design and preliminary opinion of probable cost. This project includes the preliminary evaluation of park improvements such as parking lot renovation, access roadway realignment, existing culvert assessment and maintenance and new sidewalk.

### Doral Data Center Parking Lot Improvements - Doral, FL

**CLIENT** Baptist Health South Florida | **ROLE** Project Designer

Designer responsible for the design of construction documents, opinion of cost, permitting and limited construction administration support services in conjunction with proposed improvements to the parking lot for Doral Data Center. Design services included milling and resurfacing the pavement, reconstructing distressed pavement, replacing new curb and re-stripping the parking lot.

### 8-inch Watermain (N 56 Ave, from Douglas St. to Stirling Road to N 58 Avenue)

**CLIENT** City of Hollywood | **ROLE** Civil Designer

Civil Designer responsible for the construction administration services for the project. She did site inspections and pipe pressure testing. Scope of work included the design of approximately 5,000 LF of 8-inch DIP water main within the City of Hollywood. The project limits are from the intersection of N 56th Avenue and Douglas Street, north to Douglas Street and Stirling Road and west to N 58th Avenue and Stirling Road.

### Lake Surprise Estates Roadway and Drainage Improvements - Key Largo, FL

**CLIENT** Monroe County Engineering | **ROLE** Project Engineer

Engineer responsible for the roadway and drainage improvements for Lake Surprise Estates community in Key Largo, FL. The project includes approximately 11,600 linear feet of roadways to be rehabilitated. Based on a pavement analysis, some roads will be reconstructed and the rest will require milling and resurfacing. The existing roadways crowns are flat and will also need cross slope corrections. The project will also include drainage in the form of French drains and swales. The project also includes marking and signage, technical specifications and Engineer's probable cost of construction.

### Fort Lauderdale Hollywood International Airport – Lee Wagener Boulevard & Westside Utility Upgrades – 16-inch & 24-inch Transmission Pipeline Upgrade - Broward County, FL

**CLIENT** Broward Dade Aviation Department | **ROLE** Civil Designer

Designer responsible for providing professional engineering design services for the preparation of construction documents for approximately 1,600 LF of potable water pipeline along Lee Wagner Boulevard from SW 16th Terrace to SW 12th Terrace. In addition, the project includes design services for 1,200 LF of 24-inch transmission pipeline East Perimeter Road from 150 feet south of SW 43rd Street to 50 feet north of Lee Wagener Boulevard. This work is necessitated based on the findings of the Airport wide Potable Water Master Plan and the Airport's redevelopment needs for the west side area.



## Oscar Rubio, PE

### QUALITY CONTROL/ASSURANCE

#### 35+ Years of Experience

#### Education

1974 Bachelor of Science in  
Environmental Engineering &  
Urban Sciences

*Florida International University*

1972 Associate of Arts in  
Pre-Engineering

*Miami-Dade Community College*

#### Licenses

Florida – 24190

#### Memberships

ASCE/EWRI (Associate Member,  
Past Luncheon Co-Chair)

#### Summary

Mr. Rubio is an experienced Civil engineer with over 35 years of experience in design of water treatment, water distribution, wastewater treatment, wastewater collection and transmission, water reuse, and utility operations for both private and municipal clients. His experience in all aspects of water, wastewater and general civil engineering provides a sound, broad base to develop policies and procedures required to ensure quality control and client satisfaction. Mr. Rubio has also managed the permitting and installation of various industrial processes; and designed, permitted, completed and performed start-up operations for industrial wastewater pre-treatment systems to meet EPA/FDEP and local environmental regulations.

#### S-319 and S-362 Generator Building-Site Civil Engineering Services

**CLIENT** South Florida Water Management District (SFWMD) | **ROLE** Senior Engineer

Mr. Rubio is the senior engineer responsible for the civil site engineering and coordination of specialty disciplines for the design and construction of a new generator building at two pump station sites required for the Replacement and Relocation of existing emergency power generator facilities. S-319 and S-362 are inflow and outflow pump stations (respectively) for the 6,000-acre Stormwater Treatment Area 1 East (STA1E).

#### G-310 and G-335 Pump Station – Trash Rakers -Site Civil Engineering Services

**CLIENT** South Florida Water Management District (SFWMD) | **ROLE** Senior Engineer

Mr. Rubio is the senior engineer responsible for the civil site engineering and coordination of specialty disciplines for the design and construction of a remote new bridge to support to the trash rakers systems at two pump station sites required for the Replacement and Relocation of trash rakers that are located on the access bridge by the pumps intake structure. for the 6,000-acre Stormwater Treatment Area 1 East (STA1E). Professional services include mechanical, electrical engineering, structural engineering, architectural services, surveying and geotechnical services.

#### Design, Permitting and Construction of Upgrade to Lift Station Upgrade to Lift Station 137

**CLIENT** City of Sunrise | **ROLE** Project Engineer

Mr. Rubio completed the design, permitting and construction services for the upgrades to the Master Lift Station # 137's dry pit to provide direct access from above to service pumps and motors in order to minimize personnel injury risks in addition to upgrading the electrical service and relocating the control panel from inside the dry pit to a new above ground panel integrated with the SCADA panel, new electrical main disconnect and meter. This upgrade required by-pass pumping and force main relocations and upgrading dry-pit wet-pit lift stations to submersible stations including report on flow and 1/1 findings; engineering construction management services including issuance of Notice to Proceed, Notice of Commencement, field inspections, records, shop drawing reviews & approvals, review of contract schedules, review & approval of pay-requests, record drawings, certifications, project closure & final payment.

#### Bypass Piping & Demolition of Booster Station #124

**CLIENT** City of Sunrise | **ROLE** Project Engineer

This project involved the design, production of plans and specifications and coordination for a 24 in. dia. Main modifications for routing flows to Springtree STP or to Sawgrass STP. The services included engineering and construction management including issuance of Notice to Proceed, Notice of Commencement, field inspections, records, shop drawing reviews & approvals, review of contract schedules, review/approval of pay-requests, record drawings, certifications, project closure & final payment.





# Orlando Sanchez

## CONSTRUCTION MANAGER - CONSTRUCTION ADMINISTRATION SERVICES

### 23 Years of Experience

#### Education

2013 Bachelor of Science in Civil Engineering  
Florida International University

#### Certifications

FDOT CTQP Qualification  
Certifications  
Final Estimates Level I and II  
Asphalt Paving Technician Level I and II  
QC Manager  
Advanced MOT

#### Licenses

TIN# B200780531470  
State of Florida Certified General Contractor 049682  
Dade County Certified Engineering Contractor E-1936  
Dade County Certified Building Contractor

### Summary

Mr. Sanchez has over 23 years of experience in the construction management and inspections of civil works including cargo yards, parking areas, roadways landscaping and miscellaneous structures. Other projects include mass transit, buildings, parking garages and public works utilities. Mr. Sanchez experience also encompasses preparing final estimates submittals and processing work orders.

### State Road 15 (From E. 5th Street to SR 700)

**CLIENT** FDOT District 4 | **ROLE** Senior Lead/Bridge Inspector

Senior Lead/Bridge Inspector, Mr. Sanchez's work involved reconstruction, widening, milling resurfacing and signalization of 6.4 km of SR 15 from East 5th Street to State Road 700 in the Pahokee city limit in Palm Beach County. Responsible for generating Weekly, Summary Report of contractor's daily activities, preparation of NPDES reports, FDOT Asphalt and concrete Quality Reporting (CQR) data systems entries, and supervision of inspectors. Additional responsibilities include monthly report, progress photo documentation and preparation of final estimate.

### State Road 15 /700 & L-10 Canal Bridge

**CLIENT** FDOT District 4 | **ROLE** Senior Roadway Inspector

Senior Roadway Inspector responsible for the coding of the density log book and the adherence of proper density log book procedures, monitored embankment, base and asphalt construction, geofabric placement, FDOT multilane earthwork calculations, survey work, prepared NPDES, concrete and asphalt reports, and FDOT Concrete Quality Reporting (CQR) data system entries. Work involves the reconstruction of two state roads and a canal bridge in western Palm beach County. SR 15 Work involves 1.4km of road realignment, placement of 2-3 meters of surcharge, new drainage ditches. SR 700 Work involves removal/resurfacing of 28km of roadway, replacement of six irrigation cross drains and surcharge of embankment. L-10 Canal Bridge – Work involves replacement of a five span bridge with new three span girder bridge, reconstruction of bridge approaches, channel dredging, and various utility adjustments.

### Sawgrass Expressway SR 869 (From Sunrise Blvd; to Atlantic Blvd; and from Power Line Road to the Toll Plaza)

**CLIENT** Florida's Turnpike/FDOT | **ROLE** Senior Roadway Inspector

Senior Roadway Inspector responsible for generating Weekly, Summary Report of contractor's daily activities, performed QA verification testing on concrete placement for drilled shaft construction and HAR signs foundations. Work involves installation of ITS system including fiber optic conduits, splice vault; pull boxes, grounding rods, 48" Dia. Drilled shafts, four HAR signs, two DMS signs, pre-fab communications building, computers, software programs and embankment restoration.

### State Road 715 Florida

**CLIENT** FDOT District 4 | **ROLE** Senior Lead/Bridge Inspector

Senior Lead/Bridge Inspector responsible for coding density logbook, monitored roadway embankment, sub-grade, base and asphalt construction, geo-grid placement, survey work, prepared NPDES, and FDOT (CQR) system entry. Work involves milling and resurfacing 15 km of roadway in western Palm Beach County. Replace Bridge with Culvert – Work involves construction of a 900m detour road to the east of an existing bridge over a flood control channel, and installation of a 34m, 5x4 meter aluminum structural plate culvert. Hillsboro Canal Bridge – Work involves the removal of an existing two lane five span steel girder bridge, construction of a new 27m, 3 spans, and thickened slab bridge.

# *Mitch Kessler*

## **Solid Waste Management Planner**

**Mitch Kessler**, Principal, has 33 years of solid waste experience and has managed or directed more than 300 projects for over 200 KCI clients. His legal training is especially useful in understanding and interpreting local, state, and federal laws and regulations. His broad background in solid waste management and business makes him an industry leader with the history and experience to deliver results for our clients.

Mitch is a nationally recognized expert in the procurement and operations of solid waste collection systems and materials recovery programs and facilities. He is especially knowledgeable in collection and market development issues as they relate to the economic viability of solid waste and recycling programs.

Mitch is the Immediate Past President of the Florida Sunshine Chapter of SWANA and current Florida Representative on the International Board. He serves as an instructor for the Recycling, Collection, and Composting Certification Courses sponsored by SWANA National, and is a member of the SWANA committee that developed the Manager of Composting Operations Certification Course.

A few of the recent projects that Mitch directed are summarized below.

- ❑ **Solid Waste Master Plan, Key West, FL**  
Mitch directed a project to develop a comprehensive Solid Waste Master Plan for the city that included recommendations for putting the city on a pathway toward zero waste. The City Commission adopted the Phase 1 recommendations of the plan and directed staff to initiate implementation.
- ❑ **MRF Operator Procurement, Lee County, FL**  
Mitch is directing a project to assist Lee County in the procurement of a vendor to operate the county's existing single stream MRF. Activities anticipated during this project include providing specifications for the procurement documents, identifying potential vendors, providing support during proposal evaluation and assistance in finalizing the service agreement with the selected vendor.
- ❑ **Strategic Planning and Procurement Assistance, Sarasota, FL**  
Mitch directed a strategic planning project that evaluated the city's overall solid waste management system and contracts. The resulting plan provided clear recommendations for improving the cost-effectiveness of the system and enhancing waste diversion.

### *Formal Education*

University of New Hampshire, NH  
JD, Environmental Law, 1984

Purdue University, IN  
MA, American Studies, 1981  
BS, Management, 1979

State University of New York, NY  
AAS, Horticulture, 1976

### *Supplemental Education*

SWANA Certified Recycling Manager

SWANA Certified Composting Systems  
Manager

SWANA Certified Instructor for  
Recycling, Collection & Composting

---

### *Affiliations & Leadership Roles*

SWANA, Florida Sunshine Chapter, BOD  
(2005-current), President (2011-2015)

SWANA, International Board (2015-  
current)

Recycle Florida Today, Inc., Chair (2  
years), BOD (8 years)

Florida Organics Recyclers Association,  
founding Chair

United States Composting Council

# *Ashley Evans, PE, LEED® AP*

## **Lead Solid Waste Management Engineer**

**Ashley Evans** is a professional engineer and solid waste consultant specializing in solid waste, storm water, energy, and remediation markets. With 16 years of industry experience, Ashley is a versatile leader and highly effective communicator with strong analytical and consulting skills.

Prior to joining KCI, Ashley spent 12 years with the engineering consultant firms of Arcadis and HDR Engineering in the role of Project and Client Manager, working on a variety of solid waste related projects.

Ashley is passionate about the environment and improving the world through engineering. Her principal focus has been on reducing the negative impacts of solid waste. The solid waste industry continues to grow in technological advancements and is an energy resource being tapped into more and more each day. As a result, the health and well-being of today's world citizens and the quality of life for generations to come is improved.

Ashley has extensive experience in consulting, design, permitting, construction documents, bidding assistance, and CQA services in the following areas:

- Landfill Cells
- Landfill Closures
- Landfill Gas Systems
- Facilities and Transfer Stations
- Compliance Monitoring, Reporting, & Remediation
- Rate Studies
- Contract Negotiations
- Community/Master Planning
- Stormwater Systems
- Waste-to-Energy
- Commercial Developments

A few of the recent projects Ashley has managed or assisted with are summarized below.

- ❑ **Transfer Station Feasibility Study, Sarasota, FL**  
Ashley served as the Senior Consultant in a feasibility study to assess the practicality and financial implication should the City of Sarasota assume operations of their transfer station.

### **Formal Education**

University of North Carolina  
MBA, Master of Business  
Administration, 2015

University of Florida  
BS, Environmental Engineering, 2005

### **Professional Registrations**

Registered Professional Engineer

- Florida
- Georgia
- Maryland

LEED® Accredited Professional

---

### **Affiliations & Leadership Roles**

SWANA – Young Professionals  
Steering Committee Chair

American Public Works Association

International Solid Waste  
Association

United States Green Building Council

Engineers without Borders – Past  
President

World Water Alliance – Secretary  
and Founding Officer

## *Robin Mitchell*

### Solid Waste Management Designer

**Robin Mitchell** has 30 years of solid waste industry experience. She specializes in strategic planning, service procurements and contracts, rate analyses, recycling/waste reduction program development and implementation, and characterization studies.

Robin also has a rich background in regulatory and policy development, which enables her to quickly understand and interpret regulatory requirements.

- ❑ **Zero Waste Master Plan, Key West, FL**  
Robin managed and was primary author of this comprehensive Solid Waste Master Plan. The plan provides policy, program and facility recommendations and outlines a three-phase approach to help the city chart a pathway toward its stated goal of zero waste. The City Commission directed staff to begin implementing Phase 1 recommendations, which resulted in nearly tripling the city's recycling rate.
- ❑ **Collection and Processing Services Procurement, Key West, FL**  
Robin managed a project to assist Key West with a bid for residential and commercial collection, recyclables processing, yard waste processing, and potentially transfer station operation. Work entailed bid and contract development, pre-bid and site visit participation, addenda preparation, and bid review. Two residential service options were included (2-1-1 and 1-1-1).
- ❑ **Greening of Florida: A Solid Waste Management Roadmap, Tallahassee, FL**  
Robin managed this ambitious project to develop a new "Roadmap" to re-energize the State of Florida's waste reduction and recycling efforts and to identify state-level initiatives necessary to achieve the State's 75% recycling goal. The resulting document provides a comprehensive, forward-thinking, strategic plan. KCI utilizes lessons learned and applicable elements of the plan in its local government waste diversion planning projects.
- ❑ **Collection Procurement, Southwest Ranches, FL**  
Robin managed a project to assist the town with procuring solid waste collection services. Following public hearings to identify the desired level of service, KCI developed an ITB that included three service options. The process resulted in a 38 percent reduction in service fees.

#### *Formal Education*

University of Florida, FL  
MS, Environmental Science, 1988

Kutztown University, PA  
BA, Environmental Science, 1978

#### *Supplemental Education*

SWANA Certified Recycling Systems  
Manager, 2002

Zero Waste Training Certification,  
GRRN, 2014

---

#### *Affiliations & Leadership Roles*

Recycle Florida Today, former Board  
Member and Communications Chair

SWANA

Community Recycling, Inc., Atlanta,  
GA, Founder and former Board



## Jason R. Cummins, M. SC., P.E.

Principal Engineer

### Relevant Expertise:

- Planning and feasibility of marine infrastructure projects
- Under water investigations(SCUBA)
- Coastal design criteria - tides, waves, currents, hurricanes
- Structural design of steel and concrete marine structures
- Bathymetric surveying

Mr. Cummins is a Coastal Engineer with significant experience in planning, engineering, regulatory permitting and ultimate construction of coastal and waterfront development and infrastructure projects in Florida, Caribbean and Latin America.

Mr. Cummins is a registered Professional Engineer in the U.S.; capable of designing marine facilities, shoreline stabilization and coastal structures. He is proficient in the application of numerical models, including the Danish Hydraulics Institute (DHI) MIKE-21 suite of numerical modeling tools, structural analysis tools and Federal State and Local design codes.

In addition to his professional achievements, Mr. Cummins presently serves on the non-profit Board for Bill Baggs Cape Florida State Park.

### EDUCATION

B. Sc. & M.Sc. Coastal and Oceanographic Engineering, University of Florida

### REGISTRATION

Professional Engineer  
Florida No. 71538

### PROFESSIONAL AFFILIATIONS

Urban Land Institute

American Society of Civil Engineers

American Institute of Architects

South Florida Association of Environmental Professionals.

### RELEVANT EXPERIENCE

Sediment Study, Turks and Caicos. Field investigations to collect sediment core samples from the seabed in multiple locations. Collected samples were tested for grain size and composition. Conducted coastal study to evaluate wind, wave and tidal forcing mechanisms relating to sediment transport.

Great Stirrup Cay Development, Exumas, Bahamas. Site investigations and master planning for cruise ship private island destination improvements to accommodate 5,000 passenger cruise ships. Evaluated coastal processes, potential cruise ship pier alternative locations, and island infrastructure improvements. Numerical modeling of hurricanes, storm surge, wave propagation and hydrodynamics. Engineering design of beach expansion with use of natural breakwaters.

One Miami Condominium, Miami. Above and below water structural inspection of more than 900 feet of bulkhead consisting of steel sheet piles, reinforced concrete cap, and concrete mat scour protection. Prepared engineering report to document investigation, including specific deficiencies, conditions rating and cost estimate for recommended repairs.

Winston Towers 700, Sunny Isles Beach. Repair and/or replacement of more than 1,000 feet of seawall for shoreline stabilization for large condominium. Above/below water condition inspection, seawall redesign (steel sheet pile), permitting support, construction administration, vibration monitoring

Port of Roatan Cruise Terminal, Roatan, Honduras. Design of reclamation and shore protection for cruise terminal expansion. Numerical modeling of hurricane, storm surge, and wave propagation. Site inspections and surveying.

Ambergris Cay, Turks and Caicos. Engineering design of coastal works including entrance channel, dredging, 150-slip marina, and RO/RO platform for shipments to remote island. Performed hydrodynamic numerical modeling of the flushing characteristics for a proposed marina basin.

Costa Brava Marina, Miami Beach, Florida. Costa Brava Condominium Association. Environmental permitting for reconstruction of a 30-slip marina in Biscayne Bay through local, State, and Federal Agencies Such as Miami-Dade County Regulatory, Economical Resources Department, Florida, Department of Environmental Protection and US Army Corps of Engineers. Engineering support through construction bid process, including bid evaluation, contractor selection and construction administration.

Dade Boulevard Seawall Replacement, Miami Beach, Florida: Marine engineering and construction drawings for 2,670 linear feet of shoreline stabilization associated with a linear park and bike path. Structural design of steel sheet pile and reinforced concrete cap, including barrier wall connection, and utility crossover detail for FPL 69KV oil-filled transmission line.



## Jannek Cederberg, M. SC., P.E.

Principal Engineer

### Relevant Expertise:

- Waterfront engineering and planning
- Coastal resiliency
- Numerical modeling
- Environmental Permitting
- Coastal and marine structures
- Coastal processes - waves, currents, sediment transport, hurricanes

As Principal, Mr. Cederberg is responsible for all engineering production including scheduling, resource allocation, and quality management.

Mr. Cederberg is formally trained as a coastal and marine engineer from the Technical University of Denmark. He has more than fifteen years of experience in coastal and marine engineering.

He is a registered professional Engineer in the United States and he has completed engineering analyses, designs and permitting for a variety of shore protection, beach nourishment, river, cruise ship, marina and water front projects throughout Florida, the Caribbean and Central America.

### EDUCATION

M. Sc, Coastal Engineering.  
Technical University of  
Denmark

### REGISTRATION

Registered Engineer  
State of Florida  
Reg. No. 69839

### PROFESSIONAL AFFILIATIONS

Permanent International Association  
of  
Navigation Congress

Member of PIANC Working group  
"Design and Operational  
Guidelines for Superyacht Facilities"

Danish Society of Hydraulic  
Engineering

### RELEVANT EXPERIENCE

Sunset Harbour Yacht Club, Miami Beach. Sunset Harbour Yacht Club. The project included repairs of concrete slabs, caps and piles for 125 slip marina located in Biscayne Bay Aquatic Preserve which has strict environmental guidelines. A marine resource assessment was conducted to assess potential impacts. Pre-application meetings were conducted with environmental agencies to understand primary concerns and potential impacts on schedule. Environmental permit applications were prepared and processed with DERM, FDEP, and USACE. Building permit was obtained with City of Miami Beach. Detailed repair drawings were prepared with specific criteria to minimize impacts to marine resources and water quality.

Dade Boulevard Seawall Replacement, Miami. Harbour Construction / City of Miami Beach. Marine engineering and construction drawings for 2,670 linear feet of seawall replacement with steel sheet pile and reinforced concrete cap. Structural design of barrier wall connection to cap, and utility crossover detail for FPL 69KV oil-filled transmission line. Pre-construction seawall inspection of opposite shoreline, and vibration monitoring during pile driving activity.

One Miami Condominium, Miami. Above and below water structural inspection of more than 900 feet of bulkhead consisting of steel sheet piles, reinforced concrete cap, and concrete mat scour protection. Prepared engineering report to document investigation, including specific deficiencies, conditions rating and cost estimate for recommended repairs.

Museum Park, Miami. Planning of marine amenities and environmental permitting feasibility study completion relative to a proposed marina, marine exhibit area and other public amenities along the shoreline and within a basin on Biscayne Bay as part of the proposed \$60 million Museum Park improvements project.

Crandon Park Marina, Key Biscayne. Field investigations including bathymetric surveying, tide and current measurements, marine resource survey, and sediment sampling. Tidal hydrodynamic modeling along with wave and sediment transport analyses conducted to determine source and magnitude of marina sedimentation problem. Alternatives assessment of potential coastal structures to inhibit sedimentation and need for periodic dredging.

Vizcaya Museum & Gardens, Miami. site plan for storm surge protection wall, environmental wetland restoration and public space. Grant application, regulatory permitting, and engineering design for marine works. Wall design for reinforced concrete able to withstand storm surge and high wave loads associated with tropical storm event.



## Gina Francesca Chiello, B.Sc.

Senior Project Manager

### Relevant Expertise:

- Environmental Permitting
- Marine Resource Assessments and Surveying
- Environmental Impact Assessment
- Mitigation Planning
- Scientific Planning
- Environmental Impact Statement

Ms. Chiello oversees all environmental fieldwork and permit processing.

As a former reviewer with the Florida Department of Environmental Protection, she has a strong background in regulatory proceedings, including environmental and land use regulations.

She has extensive experience conducting marine resource surveys and performing fieldwork throughout South Florida and the Caribbean.

### EDUCATION

Graduate Certificate Geographic Information Systems Florida Atlantic University

B.S. Marine Biology  
University of West Florida

Complete National Student Exchange Program  
University of Florida

### CERTIFICATIONS

NAUI Rescue Dive Certification

PADI Emergency First Response Certification

American Academy of Underwater Sciences (AAUS)  
Scientific Diver Authorization

### PROFESSIONAL AFFILIATIONS

American Academy of Underwater Sciences (AAUS)

Florida Association of Environmental Professionals (FAEP)

### RELEVANT EXPERIENCE

Normandy Ventures Docking Facility, Miami Beach. Managed project involving extensive project team and agency coordination. Conducted sovereign submerged lands research relative to historical mooring and grandfathering. Secured permits from the USACE, DEP, and DERM, as well as sovereign submerged lands authorization via a lease for an 8 slip private docking facility, that also required an EQCB variance from Miami-Dade County Code, along the east side of the project site, in the Biscayne Bay Aquatic Preserve. Worked towards securing a permit from DERM for a 4 slip marginal docking facility, along the south side of the project site, affecting City owned submerged lands and requiring an EQCB variance from Miami-Dade County and BCC approval, as well as permit modifications from the USACE and DEP.

Miami Harbor Phase III, Miami. Established and conducted the one year annual monitoring of 48 permanent transects along 11.6 acres of artificial reef, to be monitored for 5 years, as required by the DEP permit. Work involved installing pins to mark the each transect as well as installing survey nails to mark the corners of the ten (10) 1-meter square quadrat of each transect, and collecting quantitative quadrat data using BEAMR methodology on the benthic biological components of the artificial reef including identification and percent cover of functional groups (e.g. corals, octocorals, sponges, algae, etc.). Monitoring reports were prepared per the project specific permit conditions.

Bentley Bay Marina Project, Miami Beach. Managed project that involved extensive project team and agency coordination. Conducted extensive sovereign submerged lands research relative to historic mooring and the Butler Act Disclaimer. Secured permits from the Corps, FDEP, and DERM, as well as sovereign submerged lands authorization via a lease for a 16 slip public docking facility, where seagrass is present, in the Biscayne Bay Aquatic Preserve.

Port Miami Terminal H Maintenance Dredging, Miami. Conducted a marine resource survey in order to assess an area of approximately 62,375 square feet of submerged bottom at the east end of Port Miami, adjacent to the Pilot Station, and determine whether significant marine resources such as seagrass or corals are growing on the substrate to evaluate impacts related to the Project.

Amillarah Islands, North Miami Beach. Conducted a marine resource assessment of the submerged lands as required by the environmental regulatory agencies, in order to evaluate impacts related to the proposed Project and as required to secure permits for the proposed Project. A Field Observation Report was prepared documenting the extent, species, and density of existing marine resources.

Normandy Isles, Miami-Dade County. Managed and conducted the review and permit evaluation of the DEP permit application and request to use Sovereign Submerged Lands to install an historically existing docking facility adjacent to a private multifamily residence. Since no new leases are authorized within the BBAP, this project involved the evaluation of whether DEP was able to "grandfather" the proposed project and whether DEP was able to authorize a new lease.



## Overview

Mr. Fuentes has fifteen years of structural engineering experience. During this time, he has been involved in all aspects of a project from design concept through construction administration. He has worked on a variety of project types including educational, healthcare, institutional, municipal and sports facilities.

Holding an architectural engineering degree, Juan has a true appreciation for the artistic vision the architect is creating. He exhausts every option- pushing the envelope to create the landmarks that define a city.

Mr. Fuentes is able fulfill this philosophy through his intimate knowledge of building materials and construction methods; working meticulously with the architect through all the stages of a project's life cycle. The combination of his real world experience and work ethics forms a perfect complement to our Company Culture.

## Project Experience

**Jacobs Aquatic Center, Key Largo, Florida** – Project engineer responsible for the construction documents and design of the 2-story building. Project required special attention to detailing to maintain the Key West architecture.

**Waterfront Market Rehabilitation, Key West, Florida** – Project Manager and Engineer of Record responsible for compiling the specifications and repair documents for the rehabilitation of existing structure. Repair addressed the delaminations located throughout the building. Owner replaced door and windows as part of the repair.

**Piano Shop Rehabilitation, Key West, Florida** – Project Manager and Engineer of Record responsible for compiling the specifications and repair documents for the rehabilitation of existing structure. Repair addressed the extensive spalling of the tie beam. Due to the extensive nature of the spalling determined it would be cheaper to replace the tie beam in lieu of repair. This concept required shoring design to support the roof during the tie beam replacement.

**Schooner Wharf Addition, Key West, Florida** – Project Manager through schematic documents responsible for the structural design of a new two story addition to an existing historic structure. Project required innovative use of materials due to site accessibility. Project utilized hollow precast panks, reinforced concrete columns, and concrete masonry walls.

**Band Room Rehabilitation, Key West, Florida** – Project Manager and Engineer of Record responsible for compiling the specifications and repair documents for the rehabilitation of existing structure. Repair addressed the extensive spalling of the tie beam. Due to the extensive nature of the spalling determined it would be cheaper to replace the tie beam in lieu of repair. This concept required shoring design to support the roof during the tie beam replacement.

**Pedestrian Bridge, Key West, Florida** – City Consultant responsible for review of the proposed design and construction engineering observation services.

### Education

Bachelor of Science in Civil Engineering, 2000  
B.S. Architectural Engineering, 2000  
University of Miami  
Cum Laude

### Memberships

American Society of Civil Engineers (ASCE)  
American Institute of Steel Construction (AISC)  
American Concrete Institute (ACI)  
Florida Structural Engineers Association (FSEA)

### Registration

**Professional Engineer**  
Florida # 62426  
**Structural Engineer**  
Illinois #081006736  
**Special Inspector (Threshold)**  
Florida # 62426  
**LEED Accredited Professional**



## Overview

Mr. Morfin has over two years of structural engineering experience. During this time, he has been involved in all aspects of a project from design concept through construction administration. He has worked on a variety of project types including retail, residential, and institutional.

## Project Experience

**26 Edgewater Condominiums, Miami, Florida** – Field Representative for this 10-story 175,000 square foot mixed use building with 86 units. The project offers its residents a 3 level parking garage and fitness center on the roof amenities deck. The structure is supported on shallow foundations and uses reinforced concrete shear walls to resist the wind loading. Floor plates required special attention during design due the thirty-foot span distance between columns.

**Single Family Residences, South Florida** – Project Engineer and Field Representative for numerous single story and multi-story single family residences throughout South Florida. Most structures utilized prefabricated wood trusses, load bearing masonry, and shallow foundations.

**1870 Brickell Apartments, Miami, Florida** – Project Engineer for this 5-story plus basement mixed use building. The project required a transfer slab at the ground floor to maximize parking in the basement level. The project offers its residents a fitness center on the roof amenities deck. The structure is supported on shallow foundations and uses reinforced concrete shear walls to resist the wind loading.

**Wingate Hotel, Miami, Florida** – Project Engineer and Field Representative for this 6-story 42,000 square foot 84 key hotel. The project consists of concrete columns and 7.5" post tension concrete slab. The structure is supported on shallow foundations and uses reinforced concrete shear walls to resist the wind loading.

**Stirrup Apartments, Miami, Florida** - Project Engineer and Field Representative for this 5-story 68 unit building. The project utilized concrete columns and 8" post-tension concrete slab. The structure is supported on shallow foundations and uses reinforced concrete shear walls to resist the wind loading.

**Smathers Apartments, Miami, Florida** - Project Engineer and Field Representative for this 5-story 128 unit building. The project utilized concrete columns and 8" post-tension concrete slab. The structure is supported on shallow foundations and uses reinforced concrete shear walls to resist the wind loading.

**Sweetwater Retail Phase I/II, Sweetwater, Florida** – Field Representative for this façade renovation of existing 10,000 square foot (sf) retail center, attached 10,000 sf single story addition, and new 5,000 sf outparcel. Project utilized prefabricated wood trusses, open web steel joist, load bearing masonry, and shallow foundations. Project required unique solutions integrating the façade renovation elements with the existing structure.

**Band Room Rehabilitation, Key West, Florida** – Project Manager and Engineer of Record responsible for compiling the specifications and repair documents for the rehabilitation of existing structure. Repair addressed the extensive spalling of the tie beam. Due to the extensive nature of the spalling determined it would be cheaper to replace the tie beam in lieu of repair. This concept required shoring design to support the roof during the tie beam replacement.

### Education

Bachelor of Science in Civil Engineering, 2014  
Major International Studies  
Minor Mathematics  
University of Miami

### Memberships

American Society of Civil Engineers (ASCE)  
American Institute of Steel Construction (AISC)  
Florida Structural Engineers Association (FSEA)

### Registration

Engineer Intern  
Florida No. 1100018998  
Notary Public  
Commission No. 199254

## William P. Horn, PA Leed AP



### EXPERIENCE

#### 1993 - PRESENT WILLIAM P. HORN ARCHITECT, P.A.

Principal  
Key West, Florida 33040

#### 1988 – 1993 GONALEZ ARCHITECTS Project Manager

Key West, Florida 33040  
Educational, Commercial,  
Affordable Housing.  
Residential and Planning

#### 1986 - 1987 BOWER LEWIS THROWER/ARCHITECTS

Designer  
Philadelphia, Pennsylvania  
Institutional, commercial  
and residential projects.

#### 1983 - 1986 HAROLD E. GEBHARD, AIA. Project Architect

Williston Park, New York  
Large scale renovations,  
commercial and residential  
projects.

#### 1985 - 1986 KELLER/SANGRIN ASSOCIATES/ ARCHITECTS

Designer/draftsperson  
Massapequa, New York  
Custom residential projects

### REGISTRATION

STATE OF FLORIDA: No. 13537  
N.C.A.R.B. ( National Council of Architectural Registration Boards ) No. 52247  
L.E.E.D. AP (Accredited Professional), BD+C.

### EDUCATION

THE UNIVERSITY OF PENNSYLVANIA, Graduate School of Fine Arts  
Master of Architecture - 1988  
CLEMSON UNIVERSITY, College of Architecture  
Bachelor of Science in Architecture – 1982

### ASSOCIATIONS

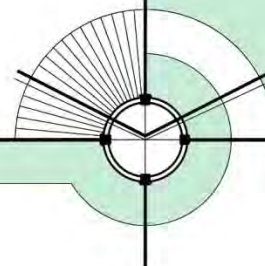
U.S. GREEN BUILDING COUNCIL – National Member  
USGBC – South Florida Chapter, Keys Branch  
HARC- HISTORIC ARCHITECTURAL REVIEW BOARD- Past Chairman (three years)  
OLD ISLAND RESTORATION FOUNDATION – Past President, Member  
LEADERSHIP MONROE COUNTY (Class 1)  
SUNRISE ROTARY CLUB - Member  
KEY WEST CHAMBER OF COMMERCE - Member  
NATIONAL COUNCIL OF ARCHITECTURE REGISTRATION BOARD – MEMBER  
MONTESSORI CHILDRENS SCHOOL – PAST VICE PRESIDENT, BOARD MEMBER

- **Roosevelt Sands  
Affordable Housing**  
Bahama Village, Key West, FL.  
New 44 Unit  
Affordable Housing Project  
All Units Energy Star Certified
- **Camp Sawyer Boy Scout Camp**  
West Summerland Key, FL.  
Designed Master Plan For Site  
New Toilet/Shower Building  
Registered to be  
LEED Silver Certified
- **Monroe County Fire Station  
No.8**  
Stock Island, FL.  
New 8,350 S.F. 2-Story Building
- **Bernstein Park**  
Total Renovation to Park and New  
Community Center  
Stock Island, FL.  
Client: Monroe County
- **Sugarloaf Elementary School**  
Key West, FL.  
Athletic fields master plan, covered pavilion  
and restroom addition  
Client: Monroe County School Board
- **Key West Police Station**  
Key West, FL.  
Replace all exterior windows to prevent water  
intrusion.  
Client: City of Key West
- **Crawl Key Fire Training Academy**  
Crawl Key, FL.  
New 5,000 S.F. Fire Training Academy  
Client: Monroe County
- **Grassy Key Fire Station**  
Grassy Key, FL.  
New 5,000 S.F. Fire Station Building  
Client: City of Marathon
- **Dockmaster**  
Garrison Bight, Key West, FL.  
Client: City of Key West
- **Rex Weech Field restroom and  
Concessions Facility**  
Key West, FL.  
Design new restroom facility next to  
Poinciana soccer fields  
Client: Monroe County School Board
- **Marathon City Hall**  
Marathon, FL.  
Complete Architectural/Engineering.  
Client: City of Marathon
- **Higgs Beach Master Plan And Visitors  
Center**  
Key West, FL.  
Designed master plan for a 19 acre site on  
the Atlantic Ocean
- **Key West Chamber of Commerce**  
Key West, FL.  
New Office Renovation within Historical "Old  
City Hall"

WILLIAM P. HORN ARCHITECT, PA.

915 EATON ST., KEY WEST, FL. 33040 TEL. 305-296-8302

WILLIAMPHORNARCHITECTPA.COM



## Evelia Medina, BD+C. Leed AP



### REGISTRATION

Partnership Venezuelans Engineer: 85.245  
L.E.E.D. AP (Accredited Professional), BD+C.

### EDUCATION

Universidad Simon Bolivar., Caracas, Venezuela.  
Architect Graduate – 1992.

Courses , Training and Formation  
Autocad 2013, Autocad 3d & Render course,  
Revit Architecture course,

### ASSOCIATIONS

USGBC-South Florida Chapter, Keys Branch - Member

### EXPERIENCE

#### 2002 – PRESENT

##### WILLIAM P. HORN ARCHITECT, P.A.

Key West, Florida 33040  
Architectural Office Manager  
Residential, Commercial  
and Governmental projects

#### 1996 – 2001

##### MARAGALL & ASOCIADOS

Caracas, Venezuela  
Architect  
Project and Design of  
Residential/Commercial Units

#### 1994 - 1996

##### La Casa del Closet

Caracas, Venezuela  
Architect –Designer  
Design of closets & furniture  
Installation supervision

#### 1995 - 1999

##### SCR Remodelaciones

Caracas, Venezuela  
Own Firm  
Remodeling Projects,  
Stores design

#### 1992 - 1995

##### PROYECTOS ALIAS ARQUITECTURA

Caracas, Venezuela  
Own Firm  
Project development  
Remodeling projects

#### ■ Higgs Beach Master Plan And Visitors Center

Key West, FL.  
Designed master plan  
for a 19 acre site  
on the Atlantic Ocean

#### ■ Camp Sawyer Boy Scout Camp

West Summerland Key, FL.  
Designed Master Plan For Site  
New Toilet/Shower Building  
Registered to be  
LEED Silver Certified

#### ■ Poinciana Elementary school

Key West, FL.  
Design new soccer fields  
Client: Monroe County School Board

#### ■ Roosevelt Sands Affordable Housing

Bahama Village, Key West, FL.  
New 44 Unit  
Affordable Housing Project  
All Units Energy Star Certified

#### ■ Grassy Key Fire Station

Grassy Key, FL.  
New 5,000 S.F. Fire Station Building  
Client: City of Marathon

#### ■ Key West Chamber of Commerce

Key West, FL.  
New Office Renovation within  
Historical "Old City Hall"

#### ■ May Sands, Reynolds and Glynn Archer Schools

Key West, FL.  
Window & Door replacement  
Client: Monroe County School Board

#### ■ Rex Weech Field restroom and Concessions Facility

Key West, FL.  
Design new restroom facility next to  
Poinciana soccer fields  
Client: Monroe County School Board

#### ■ Bernstein Park Total Renovation to Park and New Community Center

Stock Island, FL.  
Client: Monroe County

#### ■ Monroe County Fire Station No.8

Stock Island, FL.  
New 8,350 S.F. 2-Story Building

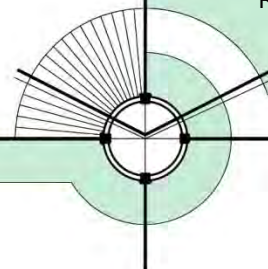
#### ■ Dockmaster

Garrison Bight, Key West, FL.  
Client: City of Key West

WILLIAM P. HORN ARCHITECT, PA.

915 EATON ST., KEY WEST, FL. 33040 TEL. 305-296-8302

WILLIAMPHORNARCHITECTPA.COM





## Jean C. Lee, LEED® BD+C Principal, Director of Sustainability

Ms. Lee is celebrating her 17th year at Curtis + Rogers Design Studio. As one of the principals of the firm she is involved with the management of large transportation, education and civic projects as well as all aspects of design through construction of a variety of private and public projects throughout South Florida. A LEED accredited professional, with an undergraduate degree in horticulture, she thoroughly understands the issues of biological and ecological functionality as well as sustainability through integrated design.

### Registration

Registered Landscape Architect in the State of Florida  
LA 0001721

Her passion for the environment shows in her commitment to infuse landscape architectural design with ecological principals. A holistic approach to understanding and solving the challenges of today's world is essential. Creation of landscapes with a sense of place and ties to their heritage and cultural significance are of primary importance.

### Awards

ASLA Student Chapter Certificate of Honor  
ASLA Student Chapter President

### Civic Experience

Airport/Seaport Fire Facility; Broward County, Florida  
American Airlines Arena; Miami, Florida  
Broward County Fire Facilities; Broward County, Florida  
Broward Courthouse; Ft. Lauderdale, Florida  
Children's Museum and Reading Center; Broward County, Florida  
College of Policing; Miami, Florida  
Everglades Fire Facility; Broward County, Florida  
FIU Parking Garages 5 & 6, Miami, Florida  
Fort Pierce Courthouse; Fort Pierce, Florida  
Islamorada Administrative Center and Public Safety Headquarters; Islamorada, Florida  
Miramar Branch Library; Miramar, Florida  
Miramar Cultural Arts Park; Miramar, Florida  
Miami Children's Museum; Miami, Florida  
Miami-Dade Children's Courthouse; Miami, Florida  
Miami-Dade Fire Training Facility; Miami, Florida  
Pompano Beach Library; Pompano Beach, Florida  
Snyder Park Hazmat Facility; Broward County, Florida  
South District Water Reclamation Facility; Miami, Florida  
Tamarac Branch Library; Tamarac, Florida  
U. S. Federal Courthouse; Miami, Florida

### Education

Florida International University, Master of Landscape Architecture

University of Florida, B. S. in Environmental Horticulture

### Employment

1999-Present  
Curtis + Rogers Design Studio Inc.  
  
1995-1999  
Bradshaw, Gill & Assoc.Inc.

1993-1995  
Corral/Howard Collaborative  
  
1992-1993  
Savino & Miller Design Studio

### Education Experience Colleges/Universities

Broward College/FAU Parking Garage; Davie, Florida  
Broward College Building 6; Davie, Florida  
Florida Atlantic University Computer Center; Boca Raton, Florida  
Florida International University-College of Nursing & Health Sciences; Miami, Florida  
Florida International University-Marine Biology Building; Miami, Florida  
Florida International University Parking Garage 5; Miami, Florida  
Florida International University Parking Garage 6; Miami, Florida  
Miami-Dade College North Aquatic; Miami, Florida  
South Broward High School Aquatic Facility, Broward County, Florida  
University Village @ University of Miami; Coral Gables, Florida

### LEED Experience

Broward College SW Center, Miramar, Florida  
FAU Environmental Educational Community Center; Palm Beach County, Florida  
Ft. Pierce Courthouse; Ft. Pierce, Florida  
Pine Jog Elementary School; Palm Beach County, Florida  
Pirtle Office Building; Davie, Florida  
Miami-Dade Children's Courthouse; Miami-Dade County, Florida



## Jennifer Rogers, LEED® AP Landscape Architect

Ms. Rogers earned her Master's Degree in Landscape Architecture, following a notable career as a Nationally Certified fine arts teacher of 16 years, and has been managing projects at C + R for over 10 years. Ms. Rogers has worked on many projects types such as parks/recreation, transportation, civic, educational and commercial and residential. Ms Rogers has also been an adjunct professor at FIU college of Architecture. Since joining the C + R family, Ms. Rogers has served in all areas of work from design to construction administrator for multiple high-profile projects. Contributing her expertise in habitat and urban design as a Registered Landscape Architect, an ISA Certified Arborist and extensive experience with LEED.

### Registration

Registered Landscape Architect in  
the  
State of Florida  
LA 6667093

### Affiliations

Member - The American Society of  
Landscape Architects  
  
International Society of Arboriculture  
Certified Arborist

### Awards

FLASLA Certificate of Honor

Nationally Certified Art  
Teacher; Florida

### Education

Florida International University  
Master of Landscape Architecture  
Master of Art Education  
  
Skidmore College  
Bachelor of Science in Studio Art

### Employment

2005 – Present  
Curtis + Rogers Design  
Studio, Inc.  
  
1992- 2005  
Miami-Dade Public Schools  
Miami Edison High School  
Art Teacher

### Civic Experience

Aventura Arts & Cultural Center; Aventura, Florida  
Broward County Courthouse; Fort Lauderdale, Florida  
Broward Children's Reading Center + Museum; Davie Florida  
FIU Parking Garages 5 & 6, Miami, Florida  
Ft. Lauderdale/Hollywood International Airport Terminal 1; Ft. Lauderdale, Florida  
Frost School of Music; Coral Gables, Florida  
GSA-FBI Federal office Building; Miramar, Florida  
Jackson Memorial Hospital South Expansion; Miami, Florida  
Little Haiti Cultural Center; Miami, Florida  
Pompano Beach Library, Pompano Beach, Florida  
South-Dade Water Reclamation Plant; Miami, Florida

### Education Experience

Alexander Montessori School; Ludlum Campus, Florida  
Dade School HHH-1; Miami-Dade County, Florida  
Dade State School AA-2; Hialeah, Florida  
Everglades Elementary; Palm Beach, Florida  
Hallandale Adult Center Bus Loop; Hallandale, Florida  
Plantation Key K-8 School; Plantation Key, Florida  
Saint Thomas Episcopal School & Church; Coral Gables, Florida  
Stranahan Senior High School; Ft. Lauderdale, Florida  
Southbend K-8; Port St. Lucie, Florida  
Western Boca Raton Elementary School 05C; Boca Raton, Florida

### Streetscapes + Transportation

City of Miami Flager Streetscape; Miami, Florida  
Coconut Grove Streetscapes; Miami, Florida  
City of Miami NE 39th Street Improvements; Miami, Florida  
Commodore Trail Pedestrian & Bicycle Bridge; Coral Gables, Florida  
Design District Streetscape; Miami, Florida  
FDOT - HEFT Widening Killan o Bird; Miami, Florida  
FDOT - I-595; Broward County, Florida  
Martin Luther King Jr Boulevard Street Enhancement; Miami, Florida  
NW 12 Street Linear Park; Miami, Florida  
NW 3rd Avenue Street Improvement; Miami, Florida

### LEED Projects

Aventura Arts & Cultural Center; Aventura, Florida  
Broward Children's Reading Center and Museum; Davie, Florida  
Everglades Elementary; West Palm Beach, Florida  
GSA-FBI Federal office Building; Miramar, Florida  
Melreese Golf Course Clubhouse and Restaurant; Miami, Florida  
Miami-Dade Community College Hialeah; Hialeah, Florida  
South-Dade Water Reclamation Plant; Miami, Florida  
Stranahan Senior High School; Ft. Lauderdale, Florida

## Concrete Analysis & Testing Laboratories, Inc.

PO Box 500875, Marathon, FL 33050

(305)743-5555

CMEC & FDOT Accredited Laboratory

### LISA LITTLEFIELD

#### Lead Materials Testing Technician

Lisa Littlefield's duties include performing QC, field sampling, and testing of soil and concrete materials for roadways, bridges and buildings. Field sampling and testing experience includes in-place soil density testing, sampling of aggregates for laboratory testing, and base coring. Additionally, Lisa has experience observing and monitoring earthwork operations for preparation of road beds, removal of unsuitable soils, excavation for installation of spread footings, installation of auger-cast piles, and more.

#### Lisas's Project Experience Includes:

Drace-Anderson Joint Venture, Boca Chica NAS Fire Station, Key West, FL

City of Marathon, City Hall, Marathon, FL

City of Key West, Glynn Archer City Hall, Key West, FL

Stock Island Marina Village, Stock Island, FL

Bahia Honda Bridge Rehabilitation, Big Pine Key, FL

Oceanside Marina, Stock Island, FL

Whale Harbor Restaurant, Tavernier, FL

Big Pine Key Pike Path, Big Pine Key To 7 Mile Bridge

Knights Key Restoration, Marathon, FL

Hawks Cay Resort, Marina Restaurant, Duck Key, FL

Douglass Gym Restoration, Key West, FL

Horace O'Brien School, Key West, FL

Avenue L Sewer & Water, Marathon, FL

Inner Islands Wastewater Treatment, Lower Keys, FL

#### Education

High School Diploma

#### Certifications

Nuclear Safety Certification

ACI Concrete Field Testing Technician Level I (2020)

CTQP Concrete Field Technician Level I

CTQP Earthwork Level I and II (2020)

CTQP Augercast Pile Monitor

ACI Strength Testing Technician

CTQP Batch Plant Operator

#### Years of Experience

Since 2000

## Concrete Analysis & Testing Laboratories, Inc.

PO Box 500875, Marathon, FL 33050

(305)743-5555

CMEC & FDOT Accredited Laboratory

### William Mathews

#### Project Materials Testing Technician

William Mathew's duties include performing QC, field sampling, and testing of soil and concrete materials for roadways, bridges and buildings. Field sampling and testing experience includes in-place soil density testing, sampling of aggregates for laboratory testing, and base coring. Additionally, Bill has experience observing and monitoring earthwork operations for preparation of road beds, removal of unsuitable soils, excavation for installation of spread footings, installation of auger-cast piles. Bill is the primary Laboratory soil technician and oversees all soil laboratory operations.

#### Lisas's Project Experience Includes:

Drace-Anderson Joint Venture, Boca Chica NAS Fire Station, Key West, FL

City of Marathon, City Hall, Marathon, FL

City of Key West, Glynn Archer City Hall, Key West, FL

Stock Island Marina Village, Stock Island, FL

Bahia Honda Bridge Rehabilitation, Big Pine Key, FL

Oceanside Marina, Stock Island, FL

Whale Harbor Restaurant, Tavernier, FL

Big Pine Key Pike Path, Big Pine Key To 7 Mile Bridge

Knights Key Restoration, Marathon, FL

Hawks Cay Resort, Marina Restaurant, Duck Key, FL

Douglass Gym Restoration, Key West, FL

Horace O'Brien School, Key West, FL

Avenue L Sewer & Water, Marathon, FL

#### Education

High School Diploma

#### Certifications

Nuclear Safety Certification

ACI Concrete Field Testing Technician Level I (2020)

CTQP Concrete Field Technician Level I

CTQP Earthwork Level I and II (2020)

CTQP Augercast Pile Monitor

ACI Strength Testing Technician

CTQP Batch Plant Operator

#### Years of Experience

Since 2000

**Year started with PSI:** 2001

**Years' experience with other firms:** 23

**Education:** BS, Civil Engineering, University of Wisconsin - Platteville, 1978

**Certifications/Registrations/ Technical Training**

- Registered Professional Engineer: #34750, Florida, 1984; #15265, Alabama, 1984; #16667, Minnesota, 1982; #21569, Wisconsin, 1982
- Certified Public Manager

**Affiliations/Memberships:** American Society of Civil Engineers (ASCE)

**PROFESSIONAL EXPERIENCE**

Mr. Passe has over 36 years of experience in the field of geotechnical engineering and materials testing, 13 of which were spent working directly with the Florida Department of Transportation. He spent four of those years as District Geotechnical Engineer, responsible for assignment of project managers in design and construction, and the other eight as the State Geotechnical Engineer, acting as Senior Reviewer and troubleshooter for projects state wide as well as providing guidance and leadership for geotechnical policy and procedures for the FDOT. He has also given numerous presentations for the FDOT at conferences and seminars, and helped develop geotechnical-related specifications and training courses. Paul serves on Geotechnical Institute, Transportation Research Board and National Cooperative Highway Research Program task forces, committees, and panels.

As the State Geotechnical Engineer for the Florida Department of Transportation in Tallahassee, Mr. Passe was responsible for planning, directing and coordinating the state geotechnical unit for providing statewide geotechnical design procedures and guidelines, writing construction specifications and handling of geotechnical research contracts. He was also responsible for the review of geotechnical engineering investigations and reports from both in-house and consultant forces for all transportation phases – design, construction and maintenance.

Since joining PSI, Mr. Passe has been involved in determining design criteria for the high-speed railroad, provided statewide training for consultant engineering inspectors, state inspectors at construction workshops. He has been responsible for detailing specifications, setting product pile lengths and providing driving criteria using Wave Equation Analysis Program, Pile Driving Analyzer, CAPWAP® and for verification of testing on design build projects. Mr. Passe continues to assist the FDOT Districts 1-6 with geotechnical issues including ground vibration monitoring, pile driving analysis and other engineering instrumentation, testing, and monitoring issues.

**REPRESENTATIVE PROJECTS**

**I-95 (SR 9) Roadway Widening in Indian River County, FL (10 miles)** – Project Engineer for geotechnical work including roadway widening, bridge widening, ponds and studies relating to noise wall. **Role:** Project Engineer **Dates:** September 2008-March 2009 **Client:** FDOT District IV and VI Materials Office, Mr. Terrence Walters, 954-677-7019

**Fort Lauderdale Hollywood International Airport, Runway Expansion** – Currently serving as the Chief Engineer of the QAMT contract for the extension of Runway 10-28. In this role, he has overseen the PDA verification and analysis of the 2600+ concrete piles driven to support the tunnel and bridge structures over US 1. **Dates:** 05/2011-12/2014

**Design-Build: I-95 Roadway Widening in Brevard County, FL** – Chief Geotechnical Engineer for subsurface investigation, lab-testing program pile, foundation design, analysis of PDA test data and issuance of pile



certification documents. Project included a bridge widening over Eau Gallie Blvd. and Lake Washington Road, bridge over US-17/92 (SR 500), Pineda Causeway Interchange over I-95 and Wickham Road Bridge. **Role:** Chief Geotechnical Engineer **Dates:** 02/08-03/09 **Client:** Jacobs Engineering, Sean Moore, PE, (813) 977-3434

**Design-Build: I-75 Roadway Widening (IROX) Lee & Collier Counties, FL** – Chief Geotechnical Engineer reviewing the subsurface investigation, laboratory-testing program pile, foundation design, engineering analysis, report preparation, and analysis of PDA test data. The iROX project involved the expansion of I-75 through Collier and Lee counties in Florida. The project has several components including: Resurfacing and widening of 30 miles of I-75 from four lanes to six lanes from Golden Gate Parkway in Collier County to Colonial Blvd. in Lee County; addition of 12 ft. travel lane and 10 ft paved shoulders; Reconstructing the Immokalee Road interchange in Collier County; Coordination with adjacent projects in the corridor including the Regional Traffic Management Center/ITS project, Lee County Estero Parkway extension bridge, I-75/Bonita Beach Rd interchange and I-75 from Colonial Blvd to SR 82 widening. The six lanes were open one year ahead of schedule, and the I-75/Immokalee Road Interchange opened nine months ahead of schedule. **Cost:** \$458M **Dates:** 03/2007-12/2009 **Client:** Florida Department of Transportation District 1, Terry Puckett, PE, District Geotechnical Office, Districts One and Seven Materials, (863)-519-4246 and David Richey, PE (FDOT PM), 863-519-4246

**Florida Turnpike Enterprises District Wide Contract** – Chief Engineer responsible for reviewing vibration monitoring data for roadway and structure construction, reviewing certification packages and verification testing for deep foundations.

**I-10 over Escambia Bay, Pensacola, Florida** – Chief Engineer part of the CEI team for FDOT District 3; Responsibilities included review of geotechnical data/recommendations and verification testing of piling for bridge replacements. **Role:** Chief Geotechnical Engineer **Dates:** 06/05-10/08 **Reference:** Bryan Estock, PE, (850) 777-8761

**Veterans Expressway section 4, Tampa, Florida** – Provided geotechnical engineering and consultant services for the design, widening and resurfacing of the SR 589 (Veterans Expressway) section 4 from south of Gunn Highway to the Sugarwood Mainline All-Electronic Tolling Gantry Plaza. Work included walls, bridges and toll gantries. **Reference:** Jennifer Lewis, TY Lin, 407-484-3154

**Turnpike at I-4 Interchange, Orange County, Florida** - Provided geotechnical engineering and consultant services for the design, of the proposed Turnpike Mainline at I-4 Interchange Improvements. Work included roadway, walls and bridges. **Reference:** Steve Boylan, GAI Consultants, Inc., 407-423-8398

**Polk Parkway and Pace Road Interchange Improvements, Polk County, Florida** - Chief Engineer responsible for reviewing of the subsurface investigation, laboratory-testing program, engineering analysis and report preparation for roadway soil survey and existing bridge structure replacement. Also, responsible for reviewing of the foundation certification documents. **Reference:** Greg Smith, DRMP Inc., 407-896-0594

**Port of Miami Tunnel (SR A1A), Preliminary Feasibility Study, Miami-Dade County, FL** (2 miles) Chief Engineer involved in the preparation of numerous Geotechnical Data Reports compiling the results of the field and lab tests associated with the geotechnical works on land and in water. Field work involved extensive permitting and coordination with various government and environmental entities. **Role:** Project Engineer **Dates:** August 2003 to on-going **Client:** Mr. Steve Dusseault, P.E., P.G., PB America, 305-514-3122

**Venetian Causeway Bridge, Miami-Dade County** - Chief Engineer responsible for reviewing of the subsurface investigation, laboratory-testing program, engineering analysis and report preparation for roadway soil survey and structures reports. Performed design calculations, pilot hole boring program, determined production shaft lengths and resolved construction issues with shaft installation. Project consisted of a replacement bridge over Biscayne Bay on approximately 50-foot long, 54-inch diameter drilled shafts.

**Year started with PSI:** 2016

**Years' experience with other firms:** 16

### **Education**

- Spanish Ministry of Education Civil Engineering Degree Equivalency, Madrid, Spain, 2011
- MBA, Florida International University, Florida, 2007
- MS, Civil Engineering University of Miami, Florida, 2000
- BS, Civil Engineering, University of Miami, Florida, 1999

### **Certifications/Registrations/Technical Training**

- Professional Engineer, #64653, Florida, 2006
- Professional Engineer, #29039, Spain
- American Welding Society (AWS) Certified Welding Inspector (C.W.I) Certification # 11111231
- FDOT CTQP LBR Technician
- ACI Aggregate Base Testing Technician

### **PROFESSIONAL EXPERIENCE SUMMARY**

As Regional Engineer, Mr. De Blas is the principal technical responsible for Geotechnical and Construction Services for all of our South Florida offices. He has a Bachelor's and Master's degree in Civil Engineering from the University of Miami and an MBA from FIU. Julio brings over 16 years in the fields of Geotechnical and Construction Services. His geotechnical experience includes subsurface investigations throughout South Florida, particularly in Miami-Dade County, and preparation and review of geotechnical reports. Specifically, his experience includes multiple projects involving force and water main design and construction including microtunneling crossings, WWTP and WTP upgrades (e.g. storage tanks, buildings, and other infrastructure), pump/lift stations, and monitoring wells. Other geotechnical experience includes retaining earth systems (i.e. sheet piles, MSE walls, etc.), foundation design and construction (shallow & deep foundations), slope stability, groundwater monitoring, and soil improvement methods (e.g. chemical grouting, compaction grouting, soil mixing, etc.). Mr. De Blas is experienced using geotechnical finite element modeling (PLAXIS 3D) for complex geotechnical issues and has implemented it successfully in several projects. His construction materials testing and quality control experience consists of soils-earthwork, concrete and grout, spray fire resistive materials, masonry, and other destructive and non-destructive testing. He also has over 9 years of experience as a structural special inspector for numerous projects and has performed multiple welding inspections (CWI) in accordance with AWS D1.1 both in the field and fabrication shops.

### **REPRESENTATIVE RELEVANT EXPERIENCE**

**SR 907 (Alton Road) PD&E Study, Miami-Dade County, Florida (2014-2016)** Senior Geotechnical Engineer responsible for planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design of bridges, signs and signalization structures, and roadway soil survey.

**SR 93/I-75 Express Lanes (Segment "E"), Broward County, Florida (2013-2014)** Senior Engineer and EOR involved the field exploration, laboratory testing and geotechnical studies. Provided geotechnical recommendations for roadway, sign structures, culverts, sound walls and other project components.

**FDOT Districtwide Geotechnical Services, District 4, Contract No. C-8T51 (2009-2014)** Project and Senior Engineer and EOR involved the field exploration, laboratory testing and geotechnical studies. Provided geotechnical recommendations for roadway, bridge structures, MSE walls, etc., through multiple task work orders.

**Miami-Dade College – West Campus, Miami-Dade County, Florida (2012-2013)** Special Inspector for Materials

Testing and Welding Inspector: Services performed consisted of inspections of welded structural connections and materials testing and inspection consisting of sprayed fire resistive materials, concrete testing, soil density testing, and Ultrasonic Testing (UT) on critical welds.

**Orion Jet Center, Opa-Locka Airport, Miami-Dade-County, Florida (2013-2014)** Special Inspector and Welding Inspector for airport private terminal at Opa-Locka Executive Airport. Services consisted of performing structural inspections including welded inspections in accordance with AWS D1.1 Code.

**Zara Lincoln Road, Miami Beach, Florida (2014)** – Special inspector and welding Inspector for welded structural connections, helical pile installation monitoring, and materials testing consisting of sprayed fire resistive materials, concrete testing, soil density testing, and Ultrasonic Testing (UT) on critical welds.

**Broward County Courthouse, Broward County, Florida (2009-2012)** Senior Engineer/Engineer of Record for augercast pile foundation load testing, pile installation monitoring, grout testing and foundation certification. Load tests performed consisted of Osterberg testing on the 30-inch dia. piles, and conventional static load testing on 18-inch dia. piles. Tension and lateral load tests were also performed on the piles.

**SR 862/Eller Drive ICTF, Broward County, Florida (2008-2011)** Senior Project Engineer involved in the roadway field exploration, laboratory testing and geotechnical recommendations.

**SR 836/MDX at Station 161+33.92, Miami-Dade County, Florida** – Senior Engineer involved in the geotechnical evaluation and structural assessment of drainage structure/deep injection well S-40.

**SR5/South Federal Highway Henry E. Kinney Tunnel Feasibility Study, Broward County, Florida:** Senior Engineer involved in the evaluation of the proposed additions/modifications to the existing tunnel structure. The scope included geotechnical data collection and review, geotechnical Fine Element Modeling, analysis based on existing soil and structural conditions, and engineering reporting.

**MDWS 60-inch Diameter Force Main from South Miami Heights Water Treatment Plant to the Intersection of SW 212th Street and Old Cutler Road, Miami-Dade County, Florida (2008)** Senior Engineer involved in the field exploration, laboratory testing, geotechnical engineering evaluations and recommendations for the construction of the 60-inch force main including 400 linear feet of microtunneling.

**MDWS Pump Station Upgrades (Nos. 108, 177, 638, 795, etc.) Several Sites throughout Miami-Dade County (2009-2010)** Senior Engineer involved the field exploration, laboratory testing and geotechnical recommendations for pump station upgrades including wet-wells, submersible pumps, and associated force mains.

**City of North Miami Beach-Norwood Oeffler Water Treatment Plant Water Expansion Program, Miami-Dade County (2002-2003)** Project Engineer involved the field exploration, laboratory testing and geotechnical recommendations for the WTP expansion including new high capacity storage tanks, pump stations, and other structures.

**MDT North Corridor Extension Miami-Dade County, Florida (2007-2008)** Senior Geotechnical Engineer responsible for planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing multiple foundation analyses for drilled shaft including post-grouted drilled shafts. Project consisted of an extensive field exploration and geotechnical design of approximately 450 redundant and non-redundant drill shafts to support the elevated guide-way.

## Summary

Mr. Hadad's 22 years of experience has encompassed all phases of infrastructure planning and development in Surveying and Mapping, Planning, Design, Agency Permitting and Construction Management. As a Senior Project Manager, he has provided complete project services, from program management to planning and design through permitting and construction for a diverse array of Public and Private Infrastructure projects. As a Professional Surveyor and Mapper, he has been responsible for route/right-of-way, boundary, construction, topographic, and geodetic control surveys for cellular towers, transportation projects and commercial and residential developments. Mr. Hadad's expertise in resolution of complex boundary and title problems has established him as an expert witness. Mr. Hadad's overall experience and expertise gives him the ability to trouble shoot every facet of a project from the field to the office, making him an ideal Project Manager.



## Relevant Project Experience

**FDOT District IV – SR 708/Blue Heron Blvd. at Avenue S, Palm Beach County, FL** - Intersection improvements at Blue Heron Blvd. and Avenue S in Palm Beach County. Project included the installation of new mast arms and overhead sign structures.

**Casa Facil International 3, Town of Davie, Fl. Land Surveyor.** The scope consisted in Surveying and Subsurface Utility Engineering (SUE) for the development of 18 townhomes in the Town of Davie. This included changes to the NonVehicular Access Line and changes to the site zoning as recorded on the Plat. Additionally, review of Title documentation was provided to the client and depicted

**Project: SR 862 (I-595) Express Lanes from 136th Street to west of the Turnpike, Broward County, Florida. Project Length: 10 Miles** - Project Scope: Lead Utility Coordinator for the 1.22 Billion (Construction) P3 improvements of an approximate 10 –miles of SR-862 (I-595) west of 136th Street to east of the Turnpike. The project included the coordination of conflict resolution with a total of 18 UAO and multiple design consultant firms. Responsible for securing Utility Work Schedules and Work Agreements, working with the UAO(s) to ensure that their design, permitting and relocation work met the constraints of the design-build schedule.

**Project: I-95 PD&E Study from Stirling Road to Oakland Park Blvd., Broward County - PD&E study for the widening of I-95. Project Length: 8 Miles** - Project Scope: Responsible for preparing the Utility Assessment Package including information on existing facilities, conflict and project risk analysis, evaluation of cost and time associated with each potential utility conflict.

**Project: Miami Dade Expressway Authority – SR-874 widening Design-Build project from Kendall Drive to SR-826. Project Length: 3.5 Miles** - Project Scope: Senior utility coordinator for the proposed widening of SR-874 responsible for all utility coordinating including the de-energizing of OE lines to allow for the construction of the sound wall.

**Years with Hadonne: 16**  
**Years of Experience: 23**

**Professional Registration:**  
Professional Surveyor and Mapper:  
Florida LS6006 (2000)

**Professional Affiliations:**  
Florida Surveying and Mapping Society (F.S.M.S.)  
Miami-Dade County Chapter of F.S.M.S.  
Safety Board Member of Health South Hospital

**Education:**  
Attended Miami-Dade Community College  
Attended University of Oriente  
Santiago de Cuba, Cuba  
Business Financial Classes  
CAiCE Training  
Estimating Training  
M.O.T. Training  
OSHA Training  
Project Management Classes

**Areas of Expertise:**  
3D Laser Scanning  
3D Mapping  
Bathymetric Surveys  
Boundary Surveys  
Computer Applications  
Construction Surveys  
Control Surveys  
Electronic Data Collection  
FDOT Survey Services  
GIS Programmer  
GPS Surveys  
Right of Way Mapping  
Roadway Design Surveys  
Route Surveying  
Subdivision Platting  
Topographic Surveys  
Work Flow System Designer

## Summary

Mr. Izquierdo has practiced land surveying for over 28 years and has participated in many aspects of land surveying. He has both field and office survey experience and has acted in the role of Project Surveyor for the past 19 years. His experience includes boundary, topographic, FDOT Survey Services, route surveying, roadway design surveys and construction surveys. Mr. Izquierdo's experience has encompassed all facets of surveying and mapping. His office and field expertise allow him to troubleshoot and perform as a problem solver making him an excellent Project Surveyor.



Role: Surveyor

## Relevant Project Experience

**Broadway & SW 1<sup>st</sup> Avenue, New Park Project, Miami, FL** – Performed miscellaneous surveying services of SW1st Avenue from SW 15<sup>th</sup> Road to SW 25<sup>th</sup> Road including the green areas underneath a portion of the existing elevated Metrorail line at the SE corner of SW 1<sup>st</sup> Avenue and SW 15<sup>th</sup> Road directly adjacent to the rear portion of Simpson Park. Tasks included: prepared a sketch to accompany legal description of the park, performed utilities designated with the park area, requested design ticket and utility as-builts and depicted existing utilities within the park area.

**Flood Mitigation South, Town of Medley, FL** – Underground utility locations. The surveyor provided SUE services within the corridor limits. Services included the identification of all utilities in the corridor, researched utility permit application, Sunshine State One Call, designed location survey and existing utility as-built plans.

**Eli Blanch High School, Pompano Beach, FL** – underground utility location of 8 test holes.

**Project: SR-93 / I-75 Interchange Design-Built project entrance to Southwest Florida International Airport, Lee County. Project Length: 2.5 Miles.** - Project Scope: Design-built reconstruction of the entrance to SWFIA. Project included coordinating the relocation of FPL transmission and distribution lines in conflict with proposed construction.

**FDOT District IV – SR 708/Blue Heron Blvd. at Avenue S, Palm Beach County, FL** - Intersection improvements at Blue Heron Blvd. and Avenue S in Palm Beach County. Project included the installation of new mast arms and overhead sign structures.

**Casa Facil International 3, Town of Davie, Fl. Land Surveyor.** The scope consisted in Surveying and Subsurface Utility Engineering (SUE) for the development of 18 townhomes in the Town of Davie. This included changes to the Non-Vehicular Access Line and changes to the site zoning as recorded on the Plat.

**Years with Hadonne: 6**  
**Years of Experience: 29**

**Professional Registration:**  
Professional Surveyor and Mapper:  
Florida LS6099 (2000)

**Professional Affiliations:**  
Florida Surveying and Mapping Society (F.S.M.S.)  
Miami-Dade County Chapter of F.S.M.S.

**Education:**  
Attended Miami-Dade Community College  
CAICE Training  
Estimating Training  
M.O.T. Training  
OSHA Training  
Project Management Classes

**Areas of Expertise:**  
Construction Surveys  
Control Surveys  
Route Surveying  
Roadway Design Surveys  
Boundary Surveys  
Topographic Surveys  
FDOT Survey Services  
Computer Applications  
Electronic Data Collection



# SANDRA WALTERS

## Lead Environmental Scientist/Public Outreach

### ACADEMIC BACKGROUND

Masters, Marine Affairs, RSMAS, University of Miami, FL, 1983  
B.S., Animal Behavior and Marine Biology, University of California, Davis, CA, 1974

### SPECIALIZED PROFESSIONAL COMPETENCE

Ms. Walters has more than 30 years of professional experience in Florida. She is qualified as an Expert Witness in Florida administrative hearings and court proceedings; has conducted and supervised environmental studies, and developed avoidance and mitigation plans, in all South Florida submerged and upland habitats; has successfully permitted projects ranging from single family homes to major roadway projects, working with all regulatory agencies; has extensive experience in design and implementation of public outreach programs and review and development of comprehensive plans; and has represented clients successfully with many agencies and government boards. She serves on the South Florida Regional Planning Council, appointed by three governors; serves on EPA's Water Quality Steering Committee for the Florida Keys; and served from 2000 to 2004 as a Governor's appointee on Florida's Acquisition and Restoration Council, which oversees purchase and management of State conservation lands.

### REPRESENTATIVE PROFESSIONAL EXPERIENCE

**Principal, SWC (Sandra Walters Consultants, Inc.), Monroe, Dade, Broward & Lee County offices, 1996-present**

Provide engineering, planning and environmental science consulting services to both public- and private-sector clients in areas of ecological/environmental and land use planning and permitting, including habitat evaluation, mitigation and contamination assessment and remediation; public involvement and outreach; and community and government liaison.

### ASSESSMENTS, PERMITTING, CONSTRUCTION COMPLIANCE

#### ➤ **City of Key West Stormwater System**

Assisted City to come into compliance with ERP requirements for already-completed and future maintenance work of stormwater system, including developing impact assessment and mitigation plan with 5.6 acres of wetland restoration and enhancement, planting of red mangroves and colonization of black mangroves and seagrasses, and creation of hydrologic connection to enhance 131 acres of wetlands and cause significant water-quality improvements, providing enough mitigation credit to bring entire City stormwater system exempt from future permitting.

#### ➤ **Tarpon Pier Replacement, City of Key West**

SWC was in charge of environmental data collection, and development and implementation of an impact assessment and mitigation plan, for replacement of existing City pier in Garrison Bight. Work included mapping submerged resources including seagrasses and corals, coordination with the Florida Keys National Marine Sanctuary and Florida Department of Environmental Protection, transplantation of impacted corals consistent with Sanctuary requirements, and construction environmental compliance inspections.

#### ➤ **Mallory Dock Maintenance Dredge, City of Key West**

Principal in charge of successful acquisition of all permit modifications to add Mallory Dock to Navy Key West Harbor

dredging project, including collection of all submerged habitat data, coordination with dredging company and environmental monitoring contractor, acquisition of EPA approval for use of offshore disposal site, and provision of Quality Assurance services onboard dredging vessel.

#### ➤ **Submerged Habitat Study and Sediment Analysis, Key West Harbor and Vicinity**

Conduct survey of submerged habitats in and around Key West Harbor. Divers collected field data from 50, randomly selected sites. This data was then collated into maps showing general distribution of habitats in area, along with underwater photographs. Data was compared with other sites throughout Florida Keys, to assess habitat quality in relation to shipping activities in Harbor. Supervise collection of sediment samples in and near harbor following approved DEP protocol, transmit to State certified laboratory for testing, prepare report summarizing findings.

#### ➤ **Key West Mooring Field Seagrass Monitoring Project**

Conduct seagrass monitoring project at Key West Mooring Field that investigated potential shading impacts from boats, including project design, photographic documentation of stations over time, collection of seagrass density and shoot count data, and report preparation including data analysis and final summary report with recommendations.

#### ➤ **S. Roosevelt Seawall Repair Seagrass Monitoring, Key West**

Supervised assessment and documentation of seagrasses in vicinity of seawall undergoing repairs, including field data collection and photography, update of CAD files delineating seagrass line, measurement of seagrass impacts in project area for mitigation purposes, and report preparation.

#### ➤ **Smathers Beach Seagrass Mitigation Monitoring, Key West**

Member of team that conducted field monitoring of seagrass mitigation project for City of Key West. Roles included field personnel establishing monitoring sites, collecting required data, supervising surveyor, assisting with preparation of monitoring reports, and providing local liaison with City and base of operation for work..

#### ➤ **Wetland Delineation and Impact Avoidance for North Key Largo Stormwater Projects, Monroe County**

Principal in charge of conducting wetland jurisdictional determinations, working in field with surveyor to map wetland and hammock lines, prepare documents to assist design engineer to avoid wetland impacts, and write wetland and water quality construction notes.

#### ➤ **Wetland Delineation and Impact Avoidance for Cudjoe Regional Wastewater Project, FKA**

Conducted wetland jurisdictional determinations and data collection to assist design engineer in wetland avoidance and minimization for new central wastewater system in Lower Florida Keys. Work included field data collection and mapping, preparation of figures utilizing GIS programming, and preparation of report detailing findings and making recommendations for alternative locations for pump stations and other project elements that would avoid wetland impacts.





# JAMES BRUSH

## Project Environmental Engineer

### ACADEMIC BACKGROUND

BA, LAS Physics, University of Illinois, Urbana IL, 1972

MS, Environmental Engineering in Civil Engineering, University of Illinois, Urbana IL, 1977

### PROFESSIONAL REGISTRATIONS

Professional Engineer in six states: FL, TX, IL, IN, MS & AL

Grade A Water Treatment Plant Operator, Texas

Class A Water Treatment Plant Operator, Illinois

Class 4 Wastewater Treatment Plant Operator, Illinois

### SPECIALIZED PROFESSIONAL COMPETENCE

During Mr. Brush's career in civil and environmental engineering, he has provided consulting and construction management and facilities engineering services to industry and government with emphasis in site development, utilities, mechanical, infrastructure, and civil design; remediation/contamination cleanup, groundwater monitoring; water/wastewater treatment facility and pipeline design, municipal and industrial, and plant start-up and operator training.

### REPRESENTATIVE PROFESSIONAL EXPERIENCE

**Senior Project Engineer, SWC, Key West and Miami, 2000-2008, 2013 to present**

#### CIVIL ENGINEERING WORK

- **Site Planning & Civil Engineering, Ocean Divers Property, Key Largo, Monroe County**  
Currently working on site plan and stormwater plan for renovation of existing large dive business and restaurant, prepared for pre-application meeting for Monroe County amendment to minor conditional use.
- **Site Planning & Civil Engineering, Funland Property, Big Coppitt Key, Monroe County**  
Prepared site plan and stormwater plan for successful Monroe County application to amend minor conditional use permit for 126-slip dockominium project which includes office and fueling facility
- **Wastewater Engineering and Construction Expert Witness, Theatre if the Sea, Islamorada**  
Reviewed court filings and permit materials for installation of wastewater system over- and underlying marine water intake to major marine life facility and participate in pre-administrative hearing deposition. Case was settled in favor of client, with installation of system to protect facility.
- **La Siesta Resort and Marina (bayside and oceanside), Islamorada, FL**  
Provided civil engineering services. Work included site redevelopment layout and civil infrastructure, coordination of survey, geotechnical, study coordination, design, site layout, stormwater retention swales and exfiltration trenches, new roadways, paving, sanitary sewers, site drainage, site grading, Monroe County, Islamorada, and SFWMD stormwater permit applications, storm sewers, utilities, new marina and dock facilities, coordination with architect's new condominium plans with site civil infrastructure and site conditions.

- **Sunset Marina Gardens, Stock Island, Key West**  
Provided engineering services to develop a recreation area for an existing condominium complex. Work including site development, civil infrastructure, coordination of survey and geotechnical work, design and site layout, stormwater retention, new roadway, fencing, walkways, paving, sanitary sewers, site drainage and grading, landscaping, mechanical, electrical, new swimming pool/spa, new beach area, tiki hut eatery, and bar-kitchen area, and concrete block cabana building with bathhouse and storage facilities.
- **Key Deer Refuge Stormwater Plan, Big Pine Key**  
Worked with SWC to prepare drainage plan for parking lot at Blue Hole on Key Deer Boulevard to meet County and SFWMD standards, including all calculations and graphic presentations.
- **Silverking Marina, Stock Island**  
Developed site plan and stormwater management plan for marina, including all calculations and design features to meet County and South Florida Water Management District (SFWMD) permit requirements.
- **Key West Transfer Station, Stock Island, Monroe County**  
Design and process DEP environmental resource permit application for stormwater system, and provide all engineering services for preparation of solid waste transfer station permit renewal application.

#### CONTAMINATION-RELATED WORK

- **Bayview Inn, Conch Key, Monroe County**  
Provide engineering services associated with preparation of successful application for DEP determination of No Further Action with Conditions for underground storage tank leak.
- **Wild Bill's Gas Station, Grassy Key, City of Marathon, Monroe County**  
Design and implement an assessment methodology for a site containing a heavily leaking underground fuel storage tank, including installation of monitoring wells, collection of soil and groundwater samples, evaluation of testing results, and development of a site assessment report for the Florida Department of Environmental Protection (DEP).
- **Watermark Marina Site Development, Environmental Due Diligence Investigation, Islamorada**  
Provided civil engineering services. Work included site investigation geotechnical drilling, sampling and assessment/recommendation/cost evaluation report for the clean-up of soils and bay bottom sediment contaminated with boatyard boat bottom paint residues, site layout, coordination of survey, geotechnical study coordination, permitting, drainage, site grading, coordination of architect's plans and specifications for upgraded marina and dock facilities with site civil infrastructure.



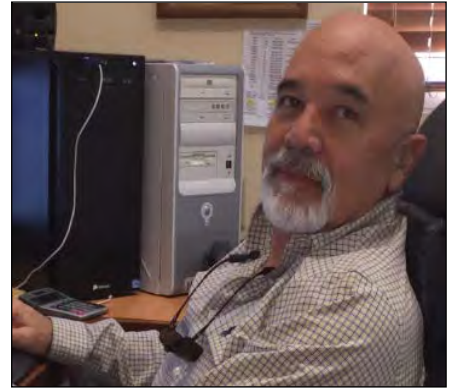
**GARTEK ENGINEERING CORP.**

Mechanical, Electrical, Plumbing and Fire Protection Services

**ROBERT L. BETANCOURT, P.E., LEED AP**

Lead MEP Engineer

Mr. Robert Betancourt has over 30 years of engineering experience in Heating, Ventilating, Air Conditioning, Smoke Control, Plumbing and Fire Protection Systems. As President of Gartek Engineering Corporation, Mr. Betancourt is responsible for the day-to-day operations and management of mechanical, plumbing and fire protection operations while overseeing quality assurance on existing building projects. His experience includes design of central chilled water plants, pre-conditioned air systems with thermal storage for parked aircraft, packaged air cooled and water cooled systems, split direct expansion and unitary systems; high velocity, high pressure duct systems; steam heating; energy conservation studies, life cycle analysis, automatic wet pipe fire protection systems, pre-action systems and foam deluge systems.



Mr. Betancourt is also certified as Mold Inspector in the areas of indoor molds and fungi problems. Mr. Betancourt is involved in code compliance issues and review of other professionals' design to ensure quality control; he participates in mechanical construction administration and inspection services.

**Education**

Bachelors of Science - Mechanical Engineering Florida International University, Miami, FL 1983

**Professional Certifications**

Professional Engineer State of Florida PE # 34788

LEED Accredited Professional

**Memberships**

NFPA Member

(National Fire Protection Association)

ASHRAE Member

(American Society of Heating, Refrigerating and Air-Conditioning Engineer)



## Mel F. Garcia, P.E., LEED AP

Project MEP Engineer

Mr. Mel Garcia has over 35 years of design experience in electrical design, including power and lighting. His experience also encompasses lightning protection design, distribution design in low, medium and high voltages, design of signal systems including telephone, central clock, P.A. security, and fire alarm systems.

Mr. Garcia has also been involved in code compliance issues and peer review to ensure quality control. Mr. Garcia participates in electrical construction administration and inspection services on a regular basis and is the Electrical Engineer of Record.



### Education

Bachelors of Science - Electrical Engineering / University of Miami, Coral Gables, Florida, 1976

### Certifications

Professional Engineer, State of Florida, PE #24221

UBCI Inspector - 10.31.00

American College of Forensic Examiners - #14892 ICC

Electrical Plans Examiner #050S

ICC

Commercial Electrical Inspector

#5167634-E2

Standard Plans Examiner State of Florida

#PX2357

### Memberships

FES (Florida Engineering Society)

*One Human Family*



## **SECTION 4**



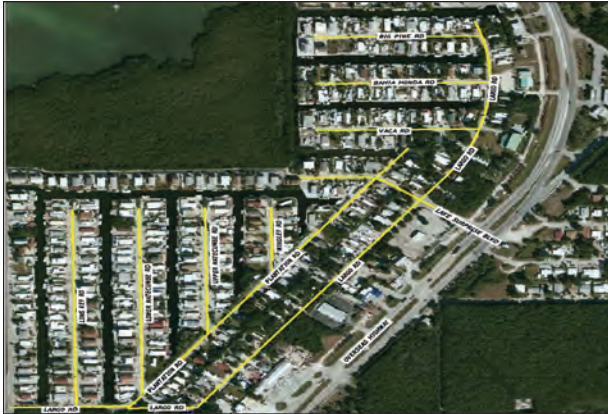
# **RELEVANT EXPERIENCE**

"EAC's engineering staff has demonstrated knowledge, experience and a high level of dedication."

—**Carlos Hernandez, PE** Project Manager, Broward County Aviation Department



## Lake Surprise Estates Neighborhood Roadway and Drainage Improvements, Key Largo, FL



### CLIENT

Monroe County  
Engineering Division

### REFERENCE

Judith Clarke, P.E.  
305-295-4329

### DESCRIPTION

The project scope includes design and permitting services for roadway and drainage improvements for Lake Surprise Estates Community. The project consists of approximately 11,600 linear feet of roadway rehabilitation involving either milling and resurfacing or complete reconstruction. Scope also includes correction of roadway cross slopes as needed for drainage. The roadway drainage analysis was provided to meet water quality and drainage design included french drains and swales. The project included analysis considering sea level rise impact. Project involved permitting agencies such as Monroe County Public Works and SFWMD.

### DESIGN SERVICES FEE

\$Value

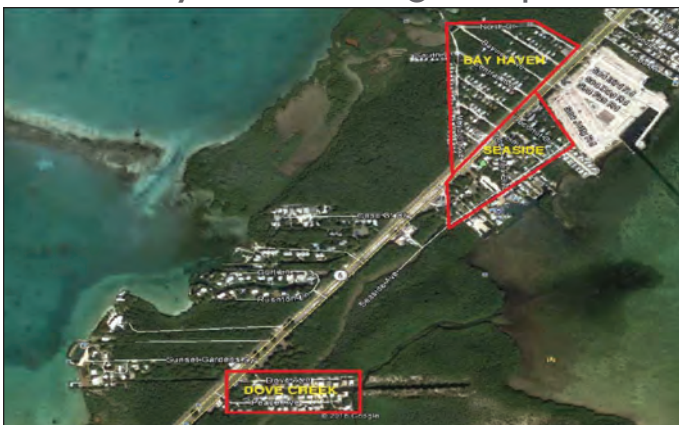
### PROJECT COST

\$Value

### NAME OF CONTRACTOR AWARDED PROJECT:



## Key Largo -1: Bay Haven, Seaside & Dove Creek Estates Roadway & Drainage Improvements, Key Largo, FL



### CLIENT

Monroe County  
Engineering Division

### REFERENCE

Judith Clarke, P.E.  
305-295-4329

### DESCRIPTION

This project scope includes the design and permitting services for the roadway and drainage improvements for Bay Haven, Seaside and Dove Creek Estates community. The project includes approximately 13,000 linear feet of roadway rehabilitation involving either milling and resurfacing or complete reconstruction depending on the respective PCI Indexes. The roadway drainage analysis will be provided to meet water quality and drainage design will include french drains and swales. Some roads will be widened to meet the current roadway width standards.

### DESIGN SERVICES FEE

\$Value

### PROJECT COST

\$Value

### NAME OF CONTRACTOR AWARDED PROJECT:





## US1/SR 5 Overseas Highway from Blue Isle Boulevard to Zane Gray Creek Drive, Monroe County, FL



### DESCRIPTION

After having a RRR study performed under a different contract, it was found that the streets over SR 5/US-1/ Overseas Highway were in need of resurfacing, restoration, and rehabilitation. EAC provided the design for this service for SR 5/ US-1/Overseas Highway from MM 59.90 to MM 68.25. Key factors for this job was the milling and resurfacing. We perform widening northbound shoulder to 10' paved, correcting substandard cross slopes, retrofitting substandard guardrail connections at bridges to meet current criteria, and signing and pavement marking improvements.

### CLIENT

FDOT District 6

### REFERENCE

Danny Iglesias, P.E.  
305-470-5289

### DESIGN SERVICES FEE

\$Value

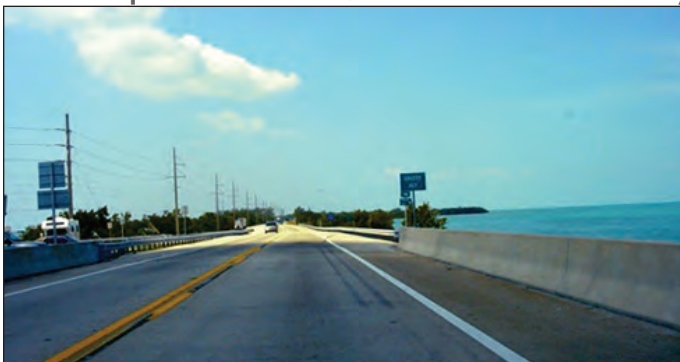
### PROJECT COST

\$Value

**NAME OF CONTRACTOR  
AWARDED PROJECT:**



## US1/SR 5 Overseas Highway from Zane Gray Creek Drive to Iroquois Drive, Monroe County, FL



### DESCRIPTION

After having a RRR study performed under a different contract, it was found that the streets over SR 5/US-1/ Overseas Highway were in need of resurfacing, restoration, and rehabilitation. EAC provided the design for this service for SR 5/ US-1/Overseas Highway from MM 68.25 to MM 73.96, in the Florida Keys. Key factors for this job was the milling and resurfacing. We perform widening northbound shoulder to 10' paved, correcting substandard cross slopes, retrofitting substandard guardrail connections at bridges to meet current criteria, and signing and pavement marking improvements.

### CLIENT

FDOT District 6

### REFERENCE

Danny Iglesias, P.E.  
305-470-5289

### DESIGN SERVICES FEE

\$Value

### PROJECT COST

\$Value

**NAME OF CONTRACTOR  
AWARDED PROJECT:**





## Doctor's Arm Triple Culvert Replacement, Monroe County, FL



**CLIENT**

Monroe County  
Engineering Division

**REFERENCE**

Judith Clarke, P.E.  
305-295-4329

**DESCRIPTION**

The project involved the repair of three (3) existing pipe culverts located on West Ortega Lane in the Doctor's Arm subdivision of Big Pine Key Florida. EAC provided drainage design services for this project and replaced all pipe culverts and end treatments in accordance to Florida Department of Transportation (FDOT) standards. Due to the proximity of wetlands within the project limits required permitting coordination with Florida Department of Environmental Protection Agency (FDEP).

**DESIGN SERVICES FEE**

\$Value

**PROJECT COST**

\$Value

**NAME OF CONTRACTOR AWARDED PROJECT:**



## US-1 Improvements and Key Deer, Big Pine Key, FL



**CLIENT**

Florida Department of  
Transportation – District 6

**REFERENCE**

Danny Iglesias  
305-470-5289

**DESCRIPTION**

This project involved the provision of engineering services to the Florida Department of Transportation (FDOT) for the preparation of roadway and structure plans required for the construction of the underpasses for the endangered Key Deer on US-1 in Big Pine Key, Florida. Included in the project are elements which resulted in a cohesive design unit that meets the following objectives simultaneously: a safer roadway for motorists, safe passage opportunities for the Key Deer to reach available habitat on both sides of the US1/SR5 corridor and the exclusion of the Key Deer from reaching the US-1 corridor.

**DESIGN SERVICES FEE**

\$776,000

**PROJECT COST**

\$7.1 Million (Construction Cost)

**NAME OF CONTRACTOR AWARDED PROJECT:**





## CR 905 Bike Lanes, Key Largo, FL



### CLIENT

Monroe County  
Engineering Division

### REFERENCE

Clark Briggs, P.E.  
305-295-4306

### DESCRIPTION

EAC provided professional Civil Engineering design and limited permitting services for approximately 10.87 miles of 5 bicycle lanes on either side of existing County Road 905 in Key Largo, Florida. The project also involved the design of roadway shoulders to accommodate the bike lanes as well as enhance the roadway as an evacuation route during hurricanes and severe tropical storms. Challenges encountered during the design process included avoiding impacts to wetlands and native vegetation that are located within close proximity to the proposed bike lanes.

### DESIGN SERVICES FEE

\$264,000

### PROJECT COST

\$264,521.62 (Construction Cost)

### NAME OF CONTRACTOR AWARDED PROJECT:



## SR-968/ SW 1st Street from SW 17 Ave to SW 5 Ave, Miami-Dade County, FL



### CLIENT

Florida Department of  
Transportation – District 6

### REFERENCE

Adriana Manzanares  
305-470-5283

### DESCRIPTION

This project prepared for the FDOT D6 is a 1.25-mile reconstruction project. The project is a highly urbanized three lane section with on-street parking on both sides and a sharrow (combination of a through lane and bicycle lane) outside lane. Due to the age of the facility, and the surrounding neighborhood being constructed in the 1920's, extensive public involvement and stakeholder coordination was necessary to ensure all parties were accommodated in the project. The project included full roadway reconstruction, new drainage, heavy MOT, street lighting, and ADA improvements.

### DESIGN SERVICES FEE

\$653,000

### PROJECT COST

\$8 Million (Construction Cost)

### NAME OF CONTRACTOR AWARDED PROJECT:





## Three Island Re-use Pipeline Interceptor Improvements, Hallandale Beach, FL



### CLIENT

City of Hallandale Beach

### REFERENCE

Abidemi Ajayi, Engineer I  
954-457-1621

### DESCRIPTION

EAC was responsible for providing design, permitting and construction administration services. The project consists of the design of approximately 3,700 LF of 8 inch new PVC pressurized reuse irrigation main from Wiley Street to Three Island Blvd along Diplomat Parkway and Atlantic Shores Blvd. The irrigation main will be primarily open cut installation with portion below the DeSoto Waterway Canal being installed via Horizontal Directional Drilling. The irrigation main will be connected to underground storage tanks and a pump station at the park located on Three Island Blvd prior to providing connections for irrigation services.

### DESIGN SERVICES FEE

\$184,103

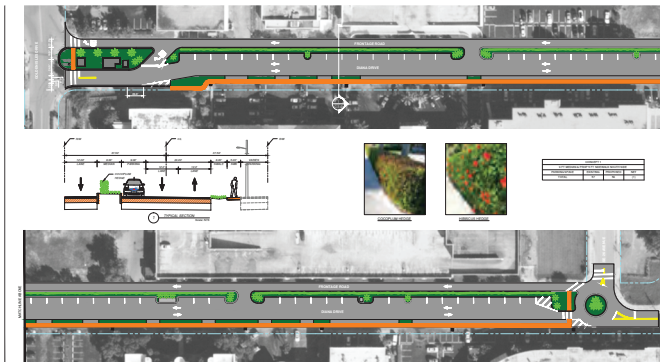
### PROJECT COST

\$900,000 (Construction Cost)

### NAME OF CONTRACTOR AWARDED PROJECT:



## Diana Drive, Hallandale Beach, FL



### CLIENT

Monroe County  
Engineering Division

### REFERENCE

Judith Clarke, P.E.  
305-295-4329

### DESCRIPTION

The project scope includes design and permitting services for roadway and drainage improvements for Lake Surprise Estates Community. The project consists of approximately 11,600 linear feet of roadway rehabilitation involving either milling and resurfacing or complete reconstruction. Scope also includes correction of roadway cross slopes as needed for drainage. The roadway drainage analysis was provided to meet water quality and drainage design included french drains and swales. The project included analysis considering sea level rise impact. Project involved permitting agencies such as Monroe County Public Works and SFWMD.

### DESIGN SERVICES FEE

\$1.5 Million

### PROJECT COST

Completed on time and on budget

### NAME OF CONTRACTOR AWARDED PROJECT:





## Dixie Highway Corridor Miscellaneous Pump Stations Improvements, Hollywood, FL



### CLIENT

City of Hollywood,  
Department of Public Utilities

### REFERENCE

Clece Aurelus, PE, Engineering Manager  
954-921-3930

### DESCRIPTION

As part of the City of Hollywood's program to convert it's residents from septic tanks to the City's sewer system, EAC Consulting designed, permitted and provided construction administration services for four (4) lift stations along the Dixie Highway Corridor. AC designed gravity sewer mains, pump stations and force mains for this project. The scope of the work included new wet wells with access hatches, valve vaults, pumps and appurtenances, SCADA system, electrical and control panels and site restoration. EAC was responsible for preparation of detailed engineering plans, technical specifications, opinion of probable construction costs and obtaining all the required permits.

### DESIGN SERVICES FEE

\$Value

### PROJECT COST

\$1.3 Million (Construction Cost)

### NAME OF CONTRACTOR AWARDED PROJECT:



## Watermain Replacement Program ( 72nd Avenue to 76th Avenue), from Polk Street to Johnson Street, Hollywood, FL



### CLIENT

City of Hollywood,  
Department of Public Utilities

### REFERENCE

Clece Aurelus, PE, Engineering Manager  
954-921-3930

### DESCRIPTION

The project extends from Polk to Johnson Street and from N. 72nd to 76th Avenue. In addition, most of the existing watermain were constructed from asbestos cement and are in need of replacement. The City engaged the services of EAC to design and upgrade approximately 30,000 LF of undersized 2" and 4" distribution water mains to 6, 8 and 12-inch distribution water mains. As part of the design, the proposed watermains will be relocated from private property to public right of way. The project also relocated existing meters from the back to the front of each residence for easier meter reading access.

### DESIGN SERVICES FEE

\$Value

### PROJECT COST

\$999,795.19

### NAME OF CONTRACTOR AWARDED PROJECT:







## Neighborhood Watermain Replacement Program from Johnson Street to Taft Street between N. 66th Ave. to 76th Terrace, Hollywood, FL



### DESCRIPTION

EAC is responsible for the replacement of undersized and Engineer of Record responsible for the design, permitting, bid and award and construction administration services of approximately 76,800 linear feet of 8-inch PVC (C-900) water main replacements, water service conversions from rear of property to front of property and the addition of fire hydrants. The project area is located between Johnson Street to Taft Street from N 66 Avenue to N 76 Terrace in the City of Hollywood. Replacement of existing asbestos pipe was of critical importance in the project. The project also included utility trench restoration, pavement milling and resurfacing, marking and signage.

### CLIENT

City of Hollywood,  
Department of Public Utilities

### REFERENCE

Clece Aurelus, PE, Engineering Manager  
954-921-3930

### DESIGN SERVICES FEE

\$Value

### PROJECT COST

\$18 Million

### NAME OF CONTRACTOR AWARDED PROJECT:



## Shenandoah Neighborhood (Phase A) Watermain Improvements, Miami-Dade County, FL



### DESCRIPTION

EAC is responsible for the replacement of undersized and deteriorated water mains to improve system pressure and provide fire flow protection, and for water service conversions in the Shenandoah Area of the City of Miami. Approximately 38,900 linear feet of 8-inch and 1,100 linear feet of 6-inch ductile iron water main pipe and fittings are involved in this project. The project also requires fire hydrant assemblies with guard posts; approximately 1,160 water services; 761 water service conversions from rear of property to front of property to include all required piping, fittings and accessories, testing and restoration within private property.

### CLIENT

Miami Dade Water and  
Sewer Department (MDWSD)

### REFERENCE

Brian Trujillo, P.E., Project Manager  
786-552-4047

### DESIGN SERVICES FEE

\$Value

### PROJECT COST

\$11 Million (Construction Cost)

### NAME OF CONTRACTOR AWARDED PROJECT:





## Stormwater Improvements (Sea Level Rise), Village of Key Viscayne, FL



**CLIENT**

Village of Key Biscayne Public Works

**REFERENCE**

Tony Brown  
305-365-7568

**DESCRIPTION**

EAC Consulting, Inc., was selected by the Village Council as the Consultant to perform the requisite services to plan, engineer and administer the construction of the needed infrastructure improvements towards protecting the Village's residents and stakeholders from unnecessary flooding and effecting an enhanced level of service for all the Village's stormwater management and associated infrastructure. The Village is Florida's southernmost barrier island and is susceptible to the potential impacts of Sea Level Rise (SLR).

**DESIGN SERVICES FEE**

\$Value

**PROJECT COST**

\$24.8 Million (Construction Cost)

**NAME OF CONTRACTOR AWARDED PROJECT:**



## NW South River Drive Streetscape Improvements and Watermain Replacement



**CLIENT**

Town of Medley

**REFERENCE**

Jorge Corzo, PE  
305-887-9541

**DESCRIPTION**

EAC was tasked with the design for roadway, drainage and streetscape improvements along the NW S. River Drive corridor, from just SE of NW 7nd Avenue to W 12th Street within the Town of Medley, FL. The Town charged EAC with designing a new typical roadway section that incorporated a 6 feet wide concrete sidewalk, wider/ standard width vehicular travel lanes and landscape/hardscape enhancement through the main corridor and intersecting streets. The purpose of the project was to achieve a safer travel corridor for vehicles, pedestrian access from Medley's Riverside East Community Neighborhood, a dedicated and shared use bicycle lanes along the corridor, and an overall beautification.

**DESIGN SERVICES FEE**

\$Value

**PROJECT COST**

\$3,343,050.15

**NAME OF CONTRACTOR AWARDED PROJECT:**





## Roadway Improvements to NE 2nd Ave. from NE 69th Street to NE 84th Street, Miami, FL



### DESCRIPTION

The project is located within the right-of-way of NE 2nd Avenue from NE 69th Street to NE 84th Street. The project includes the design and construction of roadway reconstruction, new stormwater system, sidewalks, curb and gutters, on-street parking, pavements markings, signage, signalization, decorative lighting and landscaping. EAC is responsible for project installation of a 12-inch water main and all the appurtenances on NE 79th Street to NW 84th Street. The design also includes new service connections and connecting to existing water mains.

### CLIENT

Miami-Dade Water and Sewer Department

### REFERENCE

Lin Li, PE  
786-268-5283

### DESIGN SERVICES FEE

### PROJECT COST

\$800,000.00 (Construction Cost)

### NAME OF CONTRACTOR AWARDED PROJECT:



## Venetian Causeway Project Development & Environment (PD&E) Study, Miami, FL



### DESCRIPTION

EAC Consulting, Inc. is currently providing a Project Development & Environment (PD&E) study to examine the potential replacement or rehabilitation of the twelve existing bridges (ten low-level fixed spans and two movable bascules) along the Venetian Causeway from North Bayshore Drive to Purdy Avenue. Project requirements include the inspection of the bridges, engineering reports, environmental documents, and preliminary plans. Improvements include the possible replacement or rehabilitation of the functionally obsolete structures based on the latest criteria and standards.

### CLIENT

FDOT District 6

### REFERENCE

Dat Huynh, PE  
305-470-5217

### DESIGN SERVICES FEE

\$2,777,931.75 Million

### PROJECT COST

N/A

### NAME OF CONTRACTOR AWARDED PROJECT:





## Greynolds Park Renovations & Improvements, North Miami Beach, FL



### DESCRIPTION

EAC provided professional investigative/data gathering, 50% and 100% construction documents (including specifications and cost estimates), permitting assistance services, bid & award support services and limited construction support services for the rehabilitation of several areas around Greynolds Park located in north Miami-Dade County, FL. Improvements include ADA compliant sidewalks, entrance re-alignment, parking lot renovations, access roadway re-alignment and other miscellaneous sidewalk adjustments.

### CLIENT

Miami-Dade County Parks, Recreation  
and Open Spaces Department

### REFERENCE

Daphne Gurri (Gurri-Matute PA)  
305-661-0069

### DESIGN SERVICES FEE

\$VALUE

### PROJECT COST

\$5 Million (Construction Cost)

### NAME OF CONTRACTOR AWARDED PROJECT:



## Immokalee Reservation Water Distribution System Improvements, Immokalee, FL



### DESCRIPTION

This project will expand the water transmission system to improve service to the southern portion of the Reservation by incorporating necessary water system network loop closures along four segments to ultimately benefit system flows and pressures and serve the housing development on the north side of Stockade Road, the Casino/ Hotel and Administration Building. The pipelines will be installed using two installation methods: Horizontal directional drilling (HDD) and Open cut trenching. HDD will be used for pipeline installation through the wetland areas to minimize environmental impacts. Open cut trenching will be used for the remaining installation of pipeline along Stockade Road.

### CLIENT

Monroe County  
Engineering Division

### REFERENCE

Judith Clarke, P.E.  
305-295-4329

### DESIGN SERVICES FEE

\$1.5 Million

### PROJECT COST

Completed on time and on budget

### NAME OF CONTRACTOR AWARDED PROJECT:





## City of Key West Solid Waste Master Plan, Key West, FL



**CLIENT**

City of Key West

**REFERENCE**

Jay Gewin, former Utilities Manager  
305-393-9705

**DESCRIPTION**

KCI assisted the City of Key West in developing a comprehensive Solid Waste Master Plan that charted a pathway toward zero waste. Project activities included the following: System-Wide Evaluation – Prepared a comprehensive summary of tonnages, waste flow, services and facilities, as well as identified initial opportunities for improvement | Waste Composition Study – Revealed that 71% of the waste stream is recyclable or compostable | Commercial Waste Generation Study – Determined the density of waste (lbs/cy) for 14 different commercial sectors.

**DESIGN SERVICES FEE**

\$379,800

**PROJECT COST**

N/A

**NAME OF CONTRACTOR AWARDED PROJECT:**



## FEMA Coastal Engineering Analysis and Risk Mapping Key West By the Sea, Key West, Florida



**DESCRIPTION**

Cummins | Cederberg was retained to determine the risk for coastal flooding along a segment of the City of Key West shoreline. The Project included coastal engineering studies and risk mapping according to FEMA standards. Surveying was conducted to obtain updated shoreline conditions for the engineering analysis and input in the numerical model. Cummins | Cederberg facilitated communication between the local and federal stakeholders and maintained frequent communication with FEMA's engineers to keep them involved and facilitate a swift review process.

**DESIGN SERVICES FEE**

\$30,000

**PROJECT COST**

N/A

**NAME OF CONTRACTOR AWARDED PROJECT:**



**CLIENT**

Key West by the Sea Condominium Association

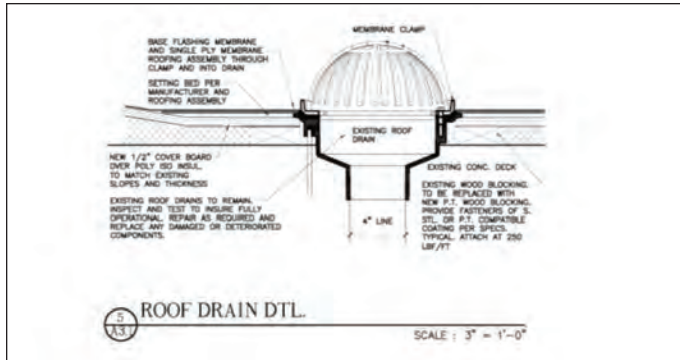
**REFERENCE**

Eric Dehlinger  
813-286-9172





## Police Station Roof Replacement, Key West, FL



### DESCRIPTION

WILLIAM P. HORN ARCHITECT, P.A. has worked with numerous government agencies on a variety of projects. Between 2012 to 2017, William P. Horn Architect, P.A. provided services for the Police Department, the Martin Luther King Community Center, as well as improvements to the Caroline Street Corridor Roadway.



### CLIENT

City of Key West

### REFERENCE

Janet Muccino, Project Manager  
305-809-3867

### DESIGN SERVICES FEE

\$38,775

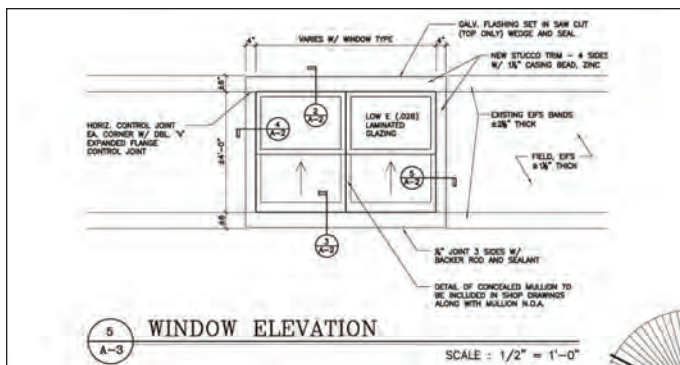
### PROJECT COST

\$194,437 (Construction Cost)

### NAME OF CONTRACTOR

**AWARDED PROJECT:** E.L.C.I. Construction Group, Inc.

## Police Station Window Replacements, Key West, FL



### DESCRIPTION

William Horn was hired to replace all exterior windows to prevent water intrusion. William P. Horn Architect, PA. has worked with numerous government agencies on a variety of projects. Between 2012 to 2017, William P. Horn Architect, P.A. provided services for the Police Department, the Martin Luther King Community Center, as well as improvements to the Caroline Street Corridor Roadway.



### CLIENT

City of Key West

### REFERENCE

Janet Muccino, Project Manager  
305-809-3867

### DESIGN SERVICES FEE

\$9,710

### PROJECT COST

\$261,029 (Construction Costs)

### NAME OF CONTRACTOR

**AWARDED PROJECT:** E.L.C.I. Construction Group, Inc.



## Rex Weech Field Restroom and Concessions Facility - Poinciana Elementary School, Key West, FL



### DESCRIPTION

Design build team of William P. Horn Architect, PA. and JMW Construction corp. was recently awarded contract to design / build new restroom facility next to Poinciana soccer fields & Rex Weech field. Optional concession wing will not be built in phase one work.



### CLIENT

Monroe County School Board

### REFERENCE

Len Rhodus, Building Official  
305-797-0263

### DESIGN SERVICES FEE

\$20,000

### PROJECT COST

\$280,000 (Construction Cost)

### NAME OF CONTRACTOR

**AWARDED PROJECT:** JMW Construction

## Dock Master Transient Restrooms, Offices and Site Revisions, Key West, FL



### DESCRIPTION

William P. Horn Architect, P.A. provided architectural services for a new 3,300 S.F. one-story office and restroom facility. Work included revising main parking lot and new road entryway. Revision included louvered screen walls on south and west facades, natural ventilation, energy-efficient building envelope to reduce energy use, and low flow plumbing fixtures.

### CLIENT

City of Key West

### REFERENCE

Doug Bradshaw, Project Manager  
305-809-3792

### DESIGN SERVICES FEE

\$103,704

### PROJECT COST

\$1,504,781 (Construction Cost)

### NAME OF CONTRACTOR

**AWARDED PROJECT:**





## Tarpon Pier Replacement, Key West, FL



### DESCRIPTION

SWC (Sandra Walters Consultants, Inc.) provided environmental resource permitting and construction support for the Tarpon Pier Replacement project at Key West's City Marina. The project entailed replacing the existing fixed pier with a floating dock and adding 22 finger piers for improved access to vessels. Permitting involved pre-construction marine environmental resource assessment and extensive coordination with Florida Keys National Marine Sanctuary staff to ensure removal/relocation/mitigation for potentially impacted submerged aquatic vegetation and coral resources.

### CLIENT

City of Key West

### REFERENCE

Birch Ohlinger, Key West Project Manager  
305-809-3747

### DESIGN SERVICES FEE

\$27,861.20

### PROJECT COST

N/A

### NAME OF CONTRACTOR AWARDED PROJECT:



## Big Pine Key Community Park Scenic Overlook, Monroe County, FL



### DESCRIPTION

The project consists of the construction of a wooden overlook dock and platform at Big Pine Key Community Park in Monroe County, Florida. PSI evaluated the results of the SPT borings performed on land in conjunction with our general knowledge of the subsurface conditions in the area and the above information and provided detailed foundation recommendations.



### CLIENT

Monroe County

### REFERENCE

Tery Glunt, P.E., Principal, Community Development  
561-487-3379

### DESIGN SERVICES FEE

\$3,000 (Professional Fees)

### PROJECT COST

N/A

### NAME OF CONTRACTOR AWARDED PROJECT: Stantec Consulting Services, Inc.





## Monroe County Transfer Stations, Monroe County, FL



### DESCRIPTION

The area of study consists of three separate transfer station sites located on Cudjoe Key, Long Key, and Key Largo in Monroe County, Florida. At the time of our study, each site was occupied by an existing modular structure with ground cover consisting of exposed soils, grass and some tress. The project involves the installation of three modular structures (one per site). PSI provided Standard Penetration Test (SPT) Borings, Percolation Tests, Double Ring Infiltration (DRI) Test, and Subsurface and Groundwater Conditions results as well as recommendations and site preparation for the three sites.

### CLIENT

Monroe County Public Works & Engineering Division

### REFERENCE

Mr. Johnnie Yongue, E.I.T., Project Manager  
305-292-4560

### DESIGN SERVICES FEE

\$10,800 (Professional Fees)

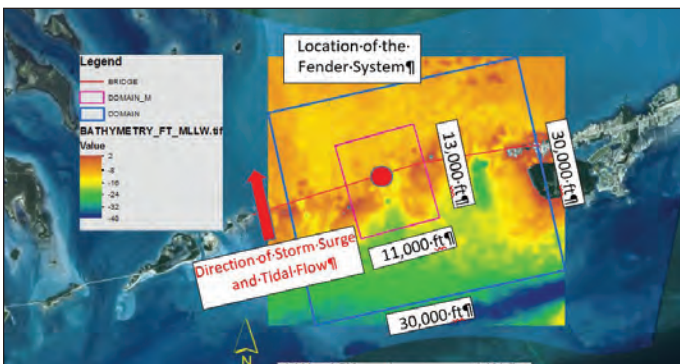
### PROJECT COST

N/A

**NAME OF CONTRACTOR AWARDED PROJECT:**



## Scour Depth Analysis of the Existing and Proposed Fender System for the Seven Mile Bridge, Key West, FL



### DESCRIPTION

This project compares the design scour depths in the vicinity of the existing and proposed fender systems of the Seven Mile Bridge, Key West Florida. The proposed rehabilitation of the fender system has a shape which is similar to the existing fender system, however, the new fenders are elongated approximately 9.5 feet in each direction along the Moser Channel. The analysis was conducted using a 2-D hydrodynamic model. This improved the assignment of the boundary conditions and the overall numerical accuracy and stability.



### CLIENT

FDOT District 6

### REFERENCE

Carlos Ribbeck  
305-383-5909

### DESIGN SERVICES FEE

\$40,000 (Professional Fees)

### PROJECT COST

N/A

**NAME OF CONTRACTOR**

**AWARDED PROJECT:** Ribbeck Engineering



## Trumbo Point USCG Base, Naval Air Station Key West, Key West, FL



### **DESCRIPTION**

Concrete Analysis & Testing Laboratories has provided construction materials testing and inspection services for this project including concrete and masonry testing, and soil testing. This project was to construct two three story buildings using tilt wall construction and repair utility trenches, drainage, roadway and sidewalk throughout NASKW Trumbo point.

### **CLIENT**

The Haskell Company

### **REFERENCE**

Johnathan Peters  
904-791-4757

### **DESIGN SERVICES FEE**

\$93,000 (Professional Fees)

### **PROJECT COST**

N/A

### **NAME OF CONTRACTOR**

**AWARDED PROJECT:** Concrete Analysis & Testing Laboratories, Inc.

## North Roosevelt Boulevard, Key West, FL



### **DESCRIPTION**

Concrete Analysis & Testing Laboratories has provided construction materials testing and inspection services for this project including concrete and soil testing. This project was for seawall repair, road widening, drainage, utility upgrades, repair utility trenches, roadway and sidewalk throughout the length of US1 from the triangle to White Street.

### **CLIENT**

FDOT District 6

### **REFERENCE**

Grant Cool  
305-322-5597

### **DESIGN SERVICES FEE**

\$1.5 Million

### **PROJECT COST**

Completed on time and on budget

### **NAME OF CONTRACTOR**

**AWARDED PROJECT:** The Demoya Group, Inc.

*One Human Family*



## **SECTION 5**



# **MANAGEMENT APPROACH**

"My experience with EAC was positive and plans were developed with sensitivity."

—**Rudy De La Torre** Public Works Engineering Department, City of South Miami





**Project Management Plan** - Our management plan is tailored to providing quality engineering services and deliverables, while meeting the budgetary limits and schedule. Our Project Management Plan considers the four major areas of functionality:

- **Planning** - The initial step in our project management plan process is planning. Planning defines objectives and determines the most effective means of reaching those objectives. Planning ties together project tasks, time, budget, organization, and staff members. Planning is a continuous iterative process involving periodic updating and revision throughout the life of all assigned projects. Our team's Project Manager, Sharmin Siddique, PE, will be responsible for leading and coordinating the project planning effort to develop a responsible and effective project approach.
- **Communication** - Throughout the duration of the contract, we will maintain a proactive management philosophy, ensuring that we communicate clearly with the City, and maintaining close coordination within our team. EAC recognizes the importance of coordination and communication during the course of every project that we are involved in. Project communications include internal communications with our Project Team, as well as communication with City personnel and departments, as well as permitting and jurisdictional agencies. Our experience on past projects is predicated on efficient team work. Efficient teamwork can only be achieved through good communication. Our project manager is responsible for fostering and upholding excellent open communication lines throughout the progression of assigned projects.
- **Scheduling** - The EAC team will develop project schedules based on the established and validated scope of services. The project schedule will be coordinated extensively between the EAC Team's project manager and the City. This coordination is particularly important as it may affect the quality and efficiency of the work effort and impose extra project costs if the schedule becomes too abbreviated or extensive. The schedule will include major project milestones, deliverables packages, City and regulatory agency review periods, and progress meetings.
- **Budgeting** - The technical and financial success of a project is dependent upon the proper determination of a scope of services which is then tied to the appropriate fee proposal (design budget) for satisfying the scope of the project. The design fee proposal must be consistent with the staff hour estimate required to perform the service, and must take into consideration the City's overall budget to execute the task or project. Our team's Project Manager, Sharmin Siddique, will be the key person in the preparation of the project budget estimate. The estimated construction costs will also be reviewed throughout the design progression to ensure that the project is designed and budgeted so as to avoid unnecessary financial burden to the City.





### Local Resources, Ready To Deliver

EAC is a major proponent of utilizing local resources on this contract, especially because the needed expertise and experience for the scope of services resides within Monroe County. We have brought together several gifted and experienced professionals that are available on a moment’s notice to service this contract. Our Project Manager, Sharmin Siddique, PE, and the team are committed to exceeding schedule and budgetary requirements on this contract.

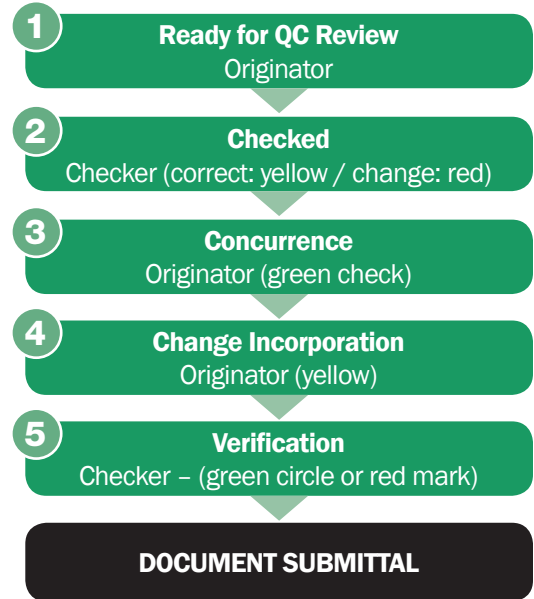
### Location of the Project Team “Available, Ready and Committed”

The EAC team comprises of thirteen qualified firms with collective experience in the County that extends over two decades. Four of our member firms are based in Monroe County, guaranteeing our commitment to the City on this contract. Our resources will be committed to ensure success on projects for the City. We are already intimately familiar with the City’s existing infrastructure, as well as proposed improvements to be undertaken as part of the City’s Capital Improvements Program. Our staff strength for this contract is 45 individuals- prepared and available to embark on services on this contract.

### Responsiveness

Responsiveness is key to the success of this contract, and being able to respond to the City’s immediate and emergency needs is equally important. The EAC Team is local, and therefore we are available on short notice to attend to the needs of the City. Our overall team staff strength and geographic location ensures our ability to be flexible and offer immediate responses to the City. Two of our team members are located within four miles from the City’s office. We use state of the art communication and project file access/sharing tools to effectively communicate and retrieve any information at any given time.

Our ability to respond on-demand is further strengthened by our organization structure - having complete Planning, Design, Permitting, Bid and Award Services and Construction Administration teams for each discipline supported by technical support services professionals. This arrangement allows for multiple assignments to be executed at the same time.

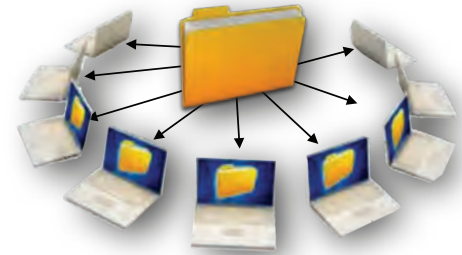




### Fast Access to Project Documents

The EAC Team will follow Established Project Directory Structure for this contract, and will

- Develop and distribute to our team members macros for file setups
- Utilize SharePoint for File sharing
- Provide 24/7 access to files from any location



### Total Number of Professionals

The following tabulation illustrates the staffing resources available to our team, and shows our ability to provide the necessary resources to address the contract’s needs. The resources available will also be able to facilitate projects that require expedited schedule or emergency type projects requiring immediate attention and completion.

Firm Name	Licensed/Certified Professionals	Other Technical Staff	Construction Management Field Staff	Other Administrative & Technical Support Staff
EAC Consulting, Inc (EAC)	32	18	14	35
Kessler Consulting, Inc	1	8	0	2
Cummins Cederberg	3	3	0	1
United Engineering, Inc	1	4	1	2
William P. Horn Architect, PA	2	4	0	1
Curtis & Rogers	4	0	0	1
Professional Service Industries, Inc. (PSI)	12	8	6	30
Concrete Analysis and Testing Laboratories	1	4	0	1
Sandra Walters Consultants, Inc.(SWC)	5	7	1	2
Hadonne	3	10	14	2
Gartek Engineering Corporation	5	9	4	3
GIT Consulting LLC	1	2	1	1
<b>Total</b>	<b>70</b>	<b>77</b>	<b>41</b>	<b>81</b>



**Location and Availability of Technical Key Personnel**

Key Personnel	Firms	Florida Location	Availability for this contract (%)
Michael Adeife, PE	EAC Consulting, Inc	Miami	50
Huntley Higgins, PE	EAC Consulting, Inc	Miami	80
Sharmin Siddique, PE	EAC Consulting, Inc	Miami	90
Oscar L. Rubio, PE	EAC Consulting, Inc	Ft Lauderdale	60
Ari Risher	EAC Consulting, Inc	Miami	70
David Gilpin-Hudson, AICP	EAC Consulting, Inc	Ft Lauderdale	70
Donna Grace, PE	EAC Consulting, Inc	Ft Lauderdale	70
Shari Ramirez, PE	EAC Consulting, Inc	Miami	75
K.T. Lin, PE	EAC Consulting, Inc	Miami	50
Daniel Greenbug, PE	EAC Consulting, Inc	Miami	60
Rohan Gardner, PE	EAC Consulting, Inc	Miami	50
Sergio Besu	EAC Consulting, Inc	Miami	60
Mitch Kessler	Kessler Consulting, Inc	Tampa	80
Jason Cummins, PE	Cummins Cederberg	South Miami	80
Juan Fuentes, PE	United Engineering, Inc	Miami	80
William P. Horn, PA	William P Horn Architect	<b>Key West</b>	70
Jean C. Lee, LEED BD +C	Curtis & Rogers	South Miami	60
Paul Passe, PE	Professional Service Industries, Inc. (PSI)	Miami	60
Lisa Littlefield	Concrete Analysis & Testing Laboratories	<b>Marathon</b>	50
Sandra Walters	SWC	<b>Key West</b>	70
Abraham Hadad, PSM	Hadonne	Doral	70
Mel Garcia, PE, LEED AP	Gartek	Miami	60
Giorgio Tachiev, PE	GIT Consulting	Coral Gables	50

**Our Project Manager**

**“No Learning Curve, we will provide practical timely solution”**

Our Contract and Project Manager, Ms. Sharmin Siddique, PE, as well as our Design Team leaders will remain accessible to the City’s staff at all times throughout the duration of the contract. Due to the urgency of some of the improvements envisioned as part of this contract, it is understood that during emergencies, you may need to reach out to Ms. Siddique or the Design Team leaders during non-business hours and even on weekends. Ms. Siddique and her Design Team leaders will make themselves available for such communications during non-business hours.







### SHARMIN'S PROFESSIONAL EXPERTISE

- Roadway Projects
- Pump Stations
- Pipeline Hydraulic Analyses
- Infrastructure Master-Planning
- Civil Works for Major Infrastructure Programs
- Civil Site Planning and Due Diligence Processes
- Civil Land Development
- General Municipal and Industrial Engineering
- Trenchless Pipeline Technologies
- Infrastructure Condition Assessments





## **CRITERION 5**

### Ability to complete required services with in-house staff

#### **SELECTION OF IN-HOUSE STAFF**

EAC has put together a complete team for all five disciplines solicited by the City of Key West - to ensure we can deliver tasks under all disciplines simultaneously. Each team member was hand-picked based on the following criteria:

- **Qualifications**
- **Experience**
- **Availability**
- **Familiarity with the project scope**
- **Knowledge of standards and requirements**
- **Relationship with permitting agencies**

Each discipline's team is tailored to the City of Key West. As shown on our Organizational Chart for this contract, we have also proactively identified any supporting disciplines that may be needed to properly execute each task. We have also identified staff members based on the criteria listed above to ensure that there is seamless flow between the discipline team and support team. We are confident that our team's qualified and experienced professional in-house staff who are earmarked for this contract will be able to complete the required services.

#### **MEETING THE SCHEDULE**

To facilitate our team's ability to maintain the project schedule and complete work with in-house staff, we will incorporate the following actions that have proven to be effective on our previous projects:

- Prepare the project schedule. Inputs to the schedule will be activities, duration of each activity, predecessors and successors to each activity, efforts required to complete each activity, and personnel assigned to successfully complete each activity.
- Early Permitting Coordination and Submittals.
- Early Data Collection.
- Detailed Utility Coordination.
- Supplementary Underground Investigations.
- Multi-Step Quality Control Techniques - EAC's team will also schedule internal quality assurance and quality control activities before all submittals.
- Our team will conduct weekly progress meetings to identify any issues. Schedule updates will be tracked and contingency plans developed to ensure timely completion.
- Correct Project Staffing - Our team will assign the most qualified staff members to each assignment to ensure the ability to expeditiously deliver the right project solutions to the City of Key West.
- Dedicated Project Staffing - Our team will ensure that staff resources will be available to meet schedule completion requirements. We will supplement these resources as required if it is determined during weekly progress meetings the project schedule is in jeopardy.
- EAC's team will conduct constructability reviews to make sure that the designed work can be constructed - considering all field related intangibles and that unfortunate surprises are avoided. These reviews are performed by EAC's Construction Services Department to ensure that projects can be constructed without time delays.
- Our team's use of the latest software and hardware to efficiently and effectively provide services further enables EAC to meet schedule, and in some cases expedite, the provision of required services.



**Team Capacity to Offer Service Duplication and Overlap**

Based on EAC’s experience with General Engineering Services Contracts, service duplication and overlap within the team structure always provides the flexibility needed to handle emergency assignments, achieve concurrent assignments, and exchange ideas in providing top quality services to our clients. The team structure EAC proposes for this City of Key West contract guarantees the availability and resources to undertake any assignment that the City requires. The following table shows our ability to complete required services with in-house staff:

Technical Professionals	General Engineering Services								Support Services											
	Planning and Design Criteria Packages	Civil Engineering	Utility Engineering	Ocean & Marine Engineering	Solid Waste Engineering	Structural Engineering	Permitting	Bid & Award Services	Construction Administration	Environmental Engineering	Surveying & Mapping	Subsurface Utility Engineering	Geotechnical Engineering	Materials Testing	Mechanical, Electrical & Plumbing Engineering	Landscape Architecture	Architecture	Sea-Level Rise	Cost Estimating	Public Outreach
Michael Adeife, PE	x	x	x				x	x	x									x	x	
Huntley Higgins, PE	x	x	x	x			x	x	x									x	x	
Sharmin Siddique, PE	x	x	x	x		x	x	x	x									x	x	
Oscar L. Rubio, PE	x	x	x				x	x	x										x	
Ari Risher	x	x	x				x	x	x										x	
David Gilpin-Hudson, AICP	x	x						x	x											
Donna Grace, PE	x	x	x				x	x	x										x	
Shari Ramirez, PE		x	x				x	x	x									x	x	
Evelyn Rodriguez, PE	x	x	x				x	x	x									x	x	
Jagan Katkuri, PE	x						x	x	x										x	
K.T. Lin, PE	x					x	x	x	x											x
Daniel Greenbug, PE	x	x	x				x	x	x									x	x	
Rodney Devera, PE		x	x				x	x	x									x	x	
Orlando Sanchez		x	x				x	x	x										x	
Rohan Gardner, PE		x	x				x		x										x	
Sergio Besu		x	x				x		x										x	
Mitch Kessler	x				x		x													
Robin Mitchell	x				x		x													
Ashley Evans, PE, LEED	x				x		x	x		x										x
Gina Chiello	x			x			x	x	x	x								x		
Jason Cummins, PE	x			x			x	x	x	x								x	x	
Jannek Cederberg, PE	x			x			x	x	x	x								x	x	
Juan Fuentes, PE	x						x	x	x	x									x	
William P Horn, PA, LEED AP	x						x	x										x		x
Evelia Medina, LEED AP	x						x											x		x
Abraham Hadad											x	x								
Raul Izquierdo, PSM											x	x								
Paul Passe, PE, CPM								x	x	x			x	x						x
Juilio De Blas, PE								x	x	x			x	x						x
Lisa Littlefield														x						
William Mathews														x						
Sandra Walters	x						x			x										x
James Brush, PE							x			x										x
Jean C. Lee, LEED BD+C	x						x	x	x							x				x
Jennifer Rogers, LEED AP							x	x	x						x					x
Mel Garcia, PE, LEED AP							x	x	x					x						x
Robert Betancourt, PE, LEED AP							x	x	x					x						x
Giorgio Tachiev, PE		x	x				x	x	x	x								x		x
<b>Total Dedicated Staff to this Contract</b>	<b>22</b>	<b>15</b>	<b>14</b>	<b>5</b>	<b>3</b>	<b>8</b>	<b>33</b>	<b>27</b>	<b>27</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>11</b>	<b>28</b>	<b>2</b>



## CRITERION 6

Other certifications including LEED and FDOT certified staff professionals

**Managing and allocating resources effectively is key in successfully completing projects. Our experienced Project Manager, Sharmin Siddique, has selected technical professionals for this contract who will bring added value in completing required tasks on time.**

### The EAC Team is LEED and FDOT Certified!

Cities and municipalities are embracing the path of Leadership in Energy and Environmental Design (LEED). The City of Key West has embraced LEED. LEED is now guiding how communities and buildings are planned, designed, maintained, and operated in Key West, which is thriving. The EAC Team is LEED certified, and the team includes experienced LEED certified professionals who have provided sustainable designs for numerous projects. With this additional qualifications the EAC Team will be able to carry out tasks seamlessly with in-house staff.

In addition, the EAC Team has certified professionals with experience providing services - similar to Key West's needs - for Miami Dade County, Monroe County, the South Florida Water Management District, the Florida Department of Environmental Protection Agency, and Florida Green Lodging Professionals.

EAC Team is FDOT Certified. The EAC Team is ready to handle any roadway, miscellaneous structures, and bridge projects under this contract. In addition, our surveyor and geotechnical sub consultants are also FDOT Certified to complete any survey and geotechnical tasks successfully. Following are the list of EAC Consulting, Inc, Hadonne Corporation and Professional Services Industries, Inc's FDOT Certification Letters.




## EAC TEAM KEY PERSONNEL ADDITIONAL CERTIFICATION TABLE

Firm	Technical Professionals	Certifications						
		FDOT	LEED	MDX	SFWM	FDEP	ASTM Certifications for Material Testing	Florida Green Lodging
EAC Consulting, Inc	KT Lin, P.E.	x		x				
	Jagannatha Katkuri, P.E.	x		x				
	Daniel Greenberg, P.E.	x		x				
	Rohan Gardner	x		x				
	Sergio Besu	x		x				
Kessler Consulting, Inc	Ashley Evans, LEED AP		x			x		x
William P. Horn, PA	William P Horn, PA, LEED AP		x					
	Evelia Medina, LEED AP		x					
Hadonne	Abraham Hadad, PSM	x		x	x			
Professional Services Industries, Inc	Paul Passe, PE, CPM	x					x	
	Julio De Blas, PE, CWI	x					x	
Sandra Walters Consultants, Inc	Sandra Walters				x			
Curtis & Rogers Design Studio, Inc	Jean C. Lee, LEED BD+C		x					
	Jennifer Rogers, LEED AP		x					
Gartek Engineering Corporation	Mel Garcia, PE, LEED AP		x					
	Robert Betancourt, PE, LEED AP		x					



### EAC Consulting, Inc. - FDOT Certifications

  
**Florida Department of Transportation**  
605 Suwannee Street  
Tallahassee, FL 32399-0450

RICK SCOTT GOVERNOR      JIM BOXOLD SECRETARY

June 28, 2016

Enrique Crooks, President  
EAC CONSULTING, INC.  
815 NW 57<sup>th</sup> Avenue, Suite 402  
Miami, Florida 33126

Dear Mr. Crooks:

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

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
  - 3.2 - Major Highway Design
  - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
  - 4.1.1 - Miscellaneous Structures
  - 4.1.2 - Minor Bridge Design
  - 4.2.1 - Major Bridge Design - Concrete
  - 4.2.2 - Major Bridge Design - Steel
  - 4.2.3 - Major Bridge Design - Segmental
- Group 5 - Bridge Inspection
  - 5.1 - Conventional Bridge Inspection
  - 5.4 - Bridge Load Rating
- Group 6 - Traffic Engineering and Operations Studies
  - 6.1 - Traffic Engineering Studies
  - 6.3.1 - Intelligent Transportation Systems Analysis and Design
  - 6.3.2 - Intelligent Transportation Systems Implementation
  - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
- Group 7 - Traffic Operations Design
  - 7.1 - Signing, Pavement Marking and Channelization
  - 7.2 - Lighting
  - 7.3 - Signalization

www.dot.state.fl.us

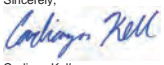
- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
  - 10.4 - Minor Bridge & Miscellaneous Structures CEI
- Group 11 - Engineering Contract Administration and Management

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2017 for contracting purposes.

	Home/Branch Office	Field Office	Facilities Capital Cost of Money	Overtime Premium Excluded	Direct Expense
Indirect Cost	160.63%	128.35%	0.132%		6.05% (Home) 6.40% (Field)*


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

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

Sincerely,  
  
Carliayn Kell  
Professional Services  
Qualification Administrator

www.dot.state.fl.us

### Hadonne Corporation - FDOT Certifications

  
**Florida Department of Transportation**  
605 Suwannee Street  
Tallahassee, FL 32399-0450

RICK SCOTT GOVERNOR      JIM BOXOLD SECRETARY

May 17, 2016

Abraham Hadad, President  
HADONNE CORP.  
1985 NW 88 Court, Suite 201  
Doral, Florida 33172

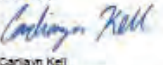
Dear Mr. Hadad:

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

- Group 8 - Survey and Mapping
  - 8.1 - Control Surveying
  - 8.2 - Design, Right of Way & Construction Surveying
  - 8.4 - Right of Way Mapping


Your firm is now technically qualified to pursue work for the Department for minor projects only, enabling your firm to compete for Professional Services projects with fees estimated at below \$500,000.00. This status shall be valid until May 17, 2017 for contracting purposes.

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

Sincerely,  
  
Carliayn Kell  
Professional Services  
Qualification Administrator

CBH/016

### Professional Service Industries, Inc. FDOT Certifications

  
**Florida Department of Transportation**  
605 Suwannee Street  
Tallahassee, FL 32399-0450

RICK SCOTT GOVERNOR      JIM BOXOLD SECRETARY

July 7, 2016

John Pulsifer, Executive Vice President  
PROFESSIONAL SERVICE INDUSTRIES, INC.  
1748 33<sup>rd</sup> Street  
Orlando, Florida 32839

Dear Mr. Pulsifer:

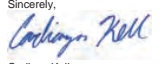
The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify your firm for the following types of work:

- Group 9 - Soil Exploration, Material Testing and Foundations
  - 9.1 - Soil Exploration
  - 9.2 - Geotechnical Classification Laboratory Testing
  - 9.3 - Highway Materials Testing
  - 9.4.1 - Standard Foundation Studies
  - 9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies
  - 9.5 - Geotechnical Specialty Laboratory Testing
- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
  - 10.3 - Construction Materials Inspection
  - 10.4 - Minor Bridge & Miscellaneous Structures CEI

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2017 for contracting purposes.

	Home/Branch Office	Facilities Capital Cost of Money	Overtime Premium Reimbursed	Direct Expense	Published Fee Schedule
Indirect Cost	183.71%	0.187%		11.69% (Home)	Yes

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

Sincerely,  
  
Carliayn Kell  
Professional Services  
Qualification Administrator

www.dot.state.fl.us

One Human Family



## SECTION 6

# REQUIRED FORMS

“All tasks were successfully delivered, and we are looking forward to working with EAC in future projects.”

—**Mariana Pitiriciu** Assistant Public Works Director/City Engineer, City of Hallandale Beach



THE CITY OF KEY WEST

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

ADDENDUM NO. 1

GENERAL ENGINEERING SERVICES / RFQ # 17-002

March 20, 2017

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

**On Page 2 of 49 Please make the following change:**

For information concerning this Request for Qualifications please contact **Janet Muccino, Project Manager**, Engineering Services Department only in writing and requests for information must be received at least ten (10) days prior to the date fixed for opening of responses to RFQ. The contact email address is [jmuccino@cityofkeywest-fl.gov](mailto:jmuccino@cityofkeywest-fl.gov). The City's "Cone of Silence" Ordinance Section 2-773 does not allow verbal communication.

**On Page 9 of 49 Please make the following change:**

**Contacts:**

All requests for information should be only in writing and emailed to **Janet Muccino, Project Manager** at [jmuccino@cityofkeywest-fl.gov](mailto:jmuccino@cityofkeywest-fl.gov) and requests for information must be received at least ten (10) days prior to the date fixed for the opening of responses to the RFQ. Any and all such interpretations and any supplemental instructions will be in the form of written addendum to the RFQ. If City issues an addendum, the Respondent has sole responsibility to receive any such addendum or any interpretations shall not relieve such Respondent from any obligation under his response as submitted. All addenda so issued shall become a part of the Contract document.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 with Attachment by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

A handwritten signature in blue ink, appearing to be "Janet Muccino", written over a horizontal line.

Signature

EAC Consulting, Inc.

Name of Business



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

---

## ADDENDUM NO. 2

**GENERAL ENGINEERING SERVICES / RFQ # 17-002**

**April 12, 2017**

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

- 1.) I was curious if for this contract, and MEP firm can apply as Prime for our area of discipline? Or would we need to team with other engineers – i.e. civil, structural, etc.

**An MEP can be prime; however, this RFQ is for general engineering services spanning the disciplines identified in the RFQ and teaming would be required. Discipline specific contracts will not be awarded**

- 2.) No 'Scope of Work' (listed on Page 7) has been provided for "Structural Engineering" services, mentioned on Page 4. Please clarify.

**Consultant team shall include licensed structural professional engineer/structural engineering firm to support evaluation and design of buildings (renovation and new), foundations, roof systems, coastal engineering, etc.**

- 3.) ***ADD THE FOLLOWING TO ARTICLE 4 / PART 3 / DRAFT AGREEMENT***

### **ARTICLE 4**

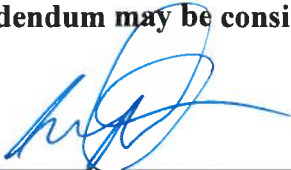
#### **TERM OF AGREEMENT; TIME FOR PERFORMANCE; CONTRACTOR DAMAGES;**

- 4.6 The CONSULTANT shall provide design assistance to City staff and attend City Commission Meeting(s) should an omission, lack of detail or design considerations result in a Change Order issued by the Contractor against the City utilizing plans prepared and sealed by CONSULTANT. This assistance will be provided at no charge to the City to allow CONSULTANT the opportunity to address the issue leading to the Change Order to the satisfaction of the City Commission.



4.) Consultant team shall include licensed Landscape Architect/Landscape Architectural firm to support landscape and irrigation system design requirements. Experience with local landscaping conditions and plant materials preferred.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 2 by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.



---

Signature

EAC Consulting, Inc.

---

Name of Business



**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 OFFICE AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. 17-002 for  
**General Engineering Services**

2. This sworn statement is submitted by **EAC Consulting, Inc.**  
(Name of entity submitting sworn statement)

whose business address is 815 NW 57th Avenue, Suite 402, Miami, Florida, 33126  
and (if applicable) its Federal  
Employer Identification Number (FEIN) is 65-0519739 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is Michael Adeife and my relationship to  
(Please print name of individual signing)

the entity named above is Senior Vice President.

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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 t 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

(Signature)



(Date)

4/17/2017

STATE OF Florida

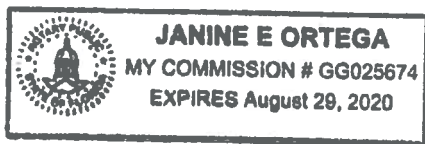
COUNTY OF Miami-Dade

**Michael Adeife**  
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

**Michael Adeife** who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 17th day of April, 2017.

My commission expires:  
NOTARY PUBLIC



**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR:     **EAC Consulting, Inc.**    

SEAL:

    **815 NW 57th Avenue, Suite 402**  
    **Miami, FL 33126**    

Address

          
Signature

    **Marie Chong**      
Print Name

    **Senior Vice President/CFO**      
Title

    **4/17/2017**      
Date




**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**

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

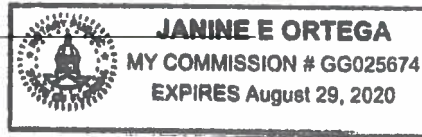
I, the undersigned hereby duly sworn, depose and say that the firm of EAC Consulting, Inc. provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By:   
Marie Chong  
Senior Vice President/CFO

Sworn and subscribed before me this  
17th day of April, 2017.

  
NOTARY PUBLIC, State of FLORIDA at Large

My Commission Expires: \_\_\_\_\_





**ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF MONROE                )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein 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: *[Handwritten Signature]*

Sworn and subscribed before me this

17<sup>th</sup> day of April, 2017.

*[Handwritten Signature]*  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 1/24/2020





**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 OFFICE AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ No. 17-002 for Geotechnical Engineering Services
  
2. This sworn statement is submitted by Concrete Analysis & Testing Laboratories, Inc.  
(Name of entity submitting sworn statement)  
whose business address is PO Box 500875, Marathon, FL 33050  
and (if applicable) its Federal Employer Identification Number (FEIN) is 65-1005500 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is William Mathews and my relationship to  
(Please print name of individual signing)  
the entity named above is VP.
  
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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

(Signature) *William Matthews*

(Date) *4.17.17*

STATE OF FLORIDA

COUNTY OF Monroe

PERSONALLY APPEARED BEFORE ME, the undersigned authority, *William Matthews*

(Name of individual signing) who, after first being sworn by me, affixed his/her signature in the

space provided above on this 17 day of April, 2017.

My commission expires:  
NOTARY PUBLIC




*Lisa Littlefield*

**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Concrete Analysis & Testing Laboratories, Inc SEAL: 

PO Box 500875 Marathon, FL 33050  
Address

*William Mathews*  
Signature

William Mathews  
Print Name

VP  
Title

4.17.17  
Date

**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**

STATE OF FLORIDA )  
 : SS  
COUNTY OF Monroe )

I, the undersigned hereby duly sworn, depose and say that the firm of Concrete Analysis & Testing Laboratories provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

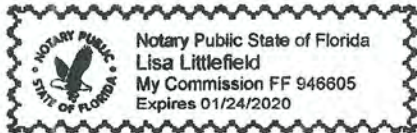
By: [Signature]

Sworn and subscribed before me this

17 day of April, 2017.

[Signature]  
NOTARY PUBLIC, State of FLORIDA at Large

My Commission Expires: 1/24/2020



CONE OF SILENCE AFFIDAVIT

STATE OF FLORIDA )  
 : SS  
COUNTY OF Monroe )

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of Concrete Analysis & Testing Labs have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).

[Handwritten Signature]

(signature)

4.17.17

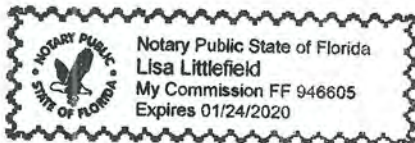
(date)

Sworn and subscribed before me this

17 Day of April, 2017.

[Handwritten Signature]  
NOTARY PUBLIC, State of FLORIDA at Large

My Commission Expires: 1/24/2020



**ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF MONROE                )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein 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: *J. Lederberg*  
*Jannek Lederberg, President*

Sworn and subscribed before me this

10th day of April, 2017.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 2/19/2020



**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 OFFICE  
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ# 17-002 for  
General Engineering Services
  
2. This sworn statement is submitted by Cummins Cederberg, Inc  
(Name of entity submitting sworn statement)  
whose business address is 7550 Red Rd, #217, South Miami  
FL 33190 and (if applicable) its Federal  
Employer Identification Number (FEIN) is 27-2129033 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is Jannek Cederberg and my relationship to  
(Please print name of individual signing)  
the entity named above is President.
  
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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

*J. C. [Signature]*  
*4/6/2017*

(Signature)

(Date)

STATE OF Florida

COUNTY OF Monroe

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

(Name of individual signing) \_\_\_\_\_ who, after first being sworn by me, affixed his/her signature in the

space provided above on this 6th day of April, 2017.

My commission expires: 2/9/2020  
NOTARY PUBLIC





**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Cummins Cederberg, Inc. SEAL:

7550 Red Road, South Miami, FL 33190  
Address

  
Signature

Jannek Cederberg  
Print Name

President  
Title

4/6/2017  
Date





**ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF MONROE                )

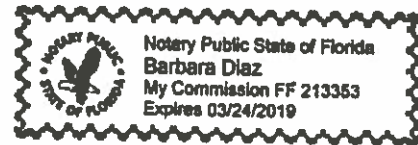
I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By: *Aida M. Curtis*  
Aida M. Curtis

Sworn and subscribed before me this

28th day of March, 2017.

*Barbara Diaz*  
NOTARY PUBLIC, State of Florida at Large  
My Commission Expires: 03/24/2019



**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 OFFICE AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ 17-001 for Architectural Services
  
2. This sworn statement is submitted by Curtis + Rogers Design Studio, Inc.  
(Name of entity submitting sworn statement)  
  
whose business address is 7520 S. Red Road, Suite M - South Miami, Florida 33143  
and (if applicable) its Federal Employer Identification Number (FEIN) is 65-0294753 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is Aida M. Curtis and my relationship to  
(Please print name of individual signing)  
  
the entity named above is President.
  
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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

Aida M. Curtis  
(Signature)  
03/28/2017  
(Date)

STATE OF Florida

COUNTY OF Miami Dade

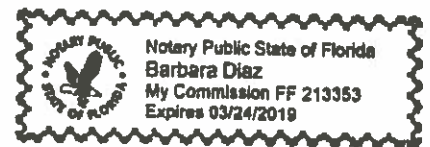
Aida M. Curtis  
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Aida M. Curtis who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 28th day of March, 2017.

My commission expires: 03/24/2019  
NOTARY PUBLIC

Barbara Diaz



**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Curtis + Rogers Design Studio, Inc.

SEAL:



7520 S. Red Road, Suite M  
Address

Aiday Curtis  
Signature

Aida M. Curtis  
Print Name

President  
Title

03/28/2017  
Date

**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**

STATE OF Florida )  
: SS  
COUNTY OF Miami Dade )

I, the undersigned hereby duly sworn, depose and say that the firm of  
Curtis + Rogers Design Studio, Inc. provides benefits to domestic partners of its employees on the same  
basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By: Aiday Curtis

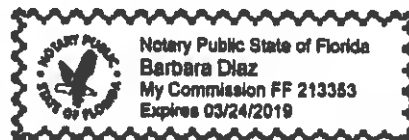
Sworn and subscribed before me this

28th day of March, 2017.

Barbara Diaz

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 03/24/2019







**ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF MONROE                )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein 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: *Robert L. Betancourt*

Robert L. Betancourt, P.E. LEED AP  
PRESIDENT

Sworn and subscribed before me this

3rd day of April, 2017.

*Lucy Munoz*

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 3/16/2019



**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 OFFICE AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. City of Key West RFP 17-002 for

2. This sworn statement is submitted by GARTEK ENGINEERING CORP  
(Name of entity submitting sworn statement)

whose business address is 7210 SW 39 TERRACE, MIAMI FL 33155

\_\_\_\_\_ and (if applicable) its Federal  
Employer Identification Number (FEIN) is 59-2032388 (If the entity  
has no FEIN, include the Social Security Number of the individual signing this sworn statement.)

3. My name is ROBERT BETANCOURT and my relationship to  
(Please print name of individual signing)

the entity named above is PRESIDENT.

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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

(Signature) *Robert L. Betancourt*

(Date) April 3rd, 2017

STATE OF FLORIDA

COUNTY OF MIAMI DADE

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

**Robert L. Betancourt**  
(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 3rd day of April, 2017.

My commission expires: 3/16/2019  
NOTARY PUBLIC

*Lucy Munoz*



**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.


The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: GARTEK ENGINEERING CORPORATION

SEAL:



7210 SW 39 TERRACE  
MIAMI FL 33155

  
\_\_\_\_\_  
Signature

ROBERT BETANCOURT  
Print Name

PRESIDENT  
Title

April 3rd, 2017  
Date

**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**

STATE OF FLORIDA )  
 : SS  
COUNTY OF MIAMI-DADE )

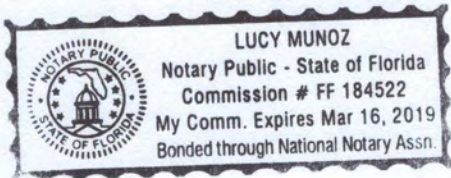
I, the undersigned hereby duly sworn, depose and say that the firm of Gartek Engineering Corporation provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By: *Robert L. Betancourt*  
Robert L. Betancourt, P.E., LEEd AP President

Sworn and subscribed before me this  
3rd day of April, 2017.

*Lucy Munoz*  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 3/16/2019



CONE OF SILENCE AFFIDAVIT

STATE OF FLORIDA )

: SS

COUNTY OF MIAMI-DADE )

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

*[Handwritten Signature]*

\_\_\_\_\_  
(signature)

April 3rd, 2017

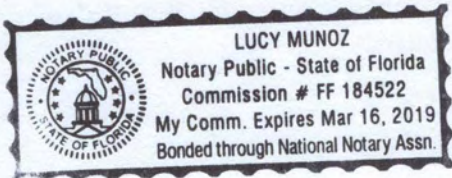
\_\_\_\_\_  
(date)

Sworn and subscribed before me this

3rd Day of April, 2017

*Lucy Munoz*  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 3/16/2019







**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 OFFICE  
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFP-110-2017 for

2. This sworn statement is submitted by \_\_\_\_\_  
(Name of entity submitting sworn statement)

whose business address is 2332 GALIANO STR, CORAL GABLES  
FL, 33134

Employer Identification Number (FEIN) is \_\_\_\_\_ and (if applicable) its Federal  
65-1319891 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is GEORGIO TACHIEV and my relationship to  
(Please print name of individual signing)

the entity named above is PRESIDENT

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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 t 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

(Signature)

(Date)

*[Handwritten Signature]*

4/17/2017

STATE OF Florida

COUNTY OF Miami-Dade

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

GEORGIO TACHEV

(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 17<sup>th</sup> day of April, 2017.

My commission expires: 3-5-21  
NOTARY PUBLIC

*[Handwritten Signature]*




**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: GIT CONSULTING LLC

2332 GALIANO STR  
Address

  
Signature

GEORGIO TACHEV  
Print Name

PRESIDENT  
Title

04/17/2017  
Date

SEAL:









**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 OFFICE AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ 17-002 for

2. This sworn statement is submitted by Hadonne, Corp.  
(Name of entity submitting sworn statement)

whose business address is 1985 NW 88 Ct., #201, Doral, FL 33172

\_\_\_\_\_ and (if applicable) its Federal  
Employer Identification Number (FEIN) is 65-1089850 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is Abraham Hadad, PSM \_\_\_\_\_ and my relationship to  
(Please print name of individual signing)

the entity named above is President.

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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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



(Signature)

(Date) 04-06-17

STATE OF Florida

COUNTY OF Miami-Dade

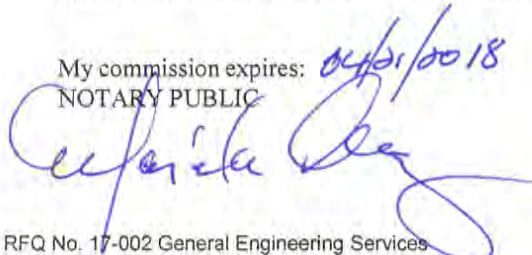
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

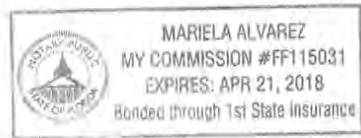
Abraham Hadad, PSM  
(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 6th day of April, 2017.

My commission expires: 04/21/2018  
NOTARY PUBLIC







**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

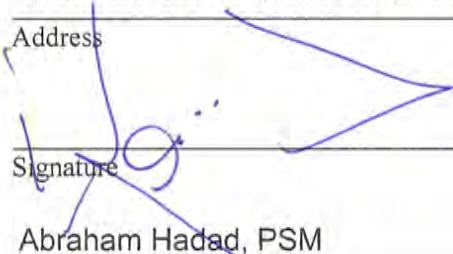
The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Hadonne, Corp.

SEAL:

1985 NW 88th Ct., Ste. 201, Doral, FL 33172

Address

  
Signature

Abraham Hadad, PSM

Print Name

President

Title

04-06-17

Date



EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

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

I, the undersigned hereby duly sworn, depose and say that the firm of Hadonne, Corp.  
\_\_\_\_\_ provides benefits to domestic partners of its employees on the same  
basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

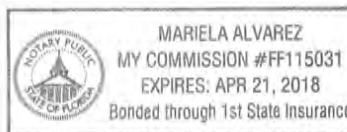
By: Abraham Hadad, PSM

Sworn and subscribed before me this

6th day of April, 2017.

Mariela Alvarez  
NOTARY PUBLIC, State of Florida at Large

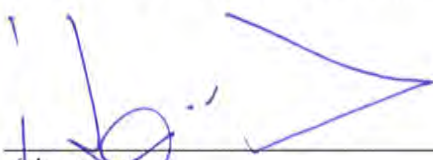
My Commission Expires: 04/21/2018



**CONE OF SILENCE AFFIDAVIT**

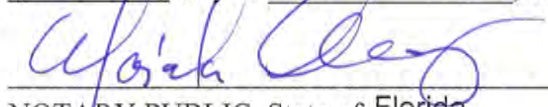
STATE OF Florida )  
 : SS  
COUNTY OF Miami-Dade )

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

  
\_\_\_\_\_  
(signature)  
04-06-17  
\_\_\_\_\_  
(date)

Sworn and subscribed before me this

6th Day of April, 2017.

  
\_\_\_\_\_  
NOTARY PUBLIC, State of Florida at Large



My Commission Expires: 04/21/2018



**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 OFFICE  
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFP 17-002 for
  
2. This sworn statement is submitted by Kessler Consulting, Inc.  
(Name of entity submitting sworn statement)  
whose business address is 14620 N Nebraska Ave, Bldg D, Tampa, FL 33613  
\_\_\_\_\_ and (if applicable) its Federal  
Employer Identification Number (FEIN) is 59-3050164 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is Mitch Kessler and my relationship to  
(Please print name of individual signing)  
the entity named above is President.
  
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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

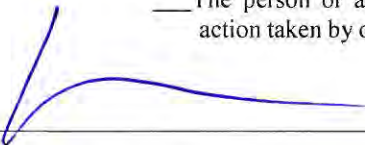
Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July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

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

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

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

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

  
\_\_\_\_\_  
(Signature)

April 10, 2017  
(Date)

STATE OF Florida

COUNTY OF Hillsborough

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Mitch Kessler

who, after first being sworn by me, affixed his/her signature in the

(Name of individual signing)

space provided above on this 10th day of April, 2017.

My commission expires: July 4, 2020  
NOTARY PUBLIC





**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Kessler Consulting, Inc.

SEAL:

14620 N Nebraska Ave, Bldg D, Tampa, FL 33613  
Address

  
Signature

Mitch Kessler  
Print Name

President  
Title

April 10, 2017  
Date

**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**

STATE OF Florida )  
 : SS  
COUNTY OF Hillsborough )

I, the undersigned hereby duly sworn, depose and say that the firm of Kessler Consulting, Inc. provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By: [Signature]

Sworn and subscribed before me this

10th day of April, 2017.

[Signature]  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: July 4, 2020

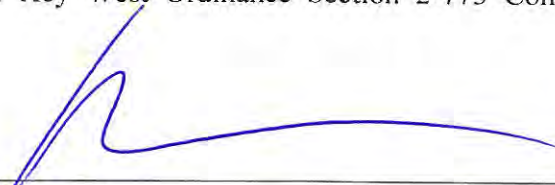




**CONE OF SILENCE AFFIDAVIT**

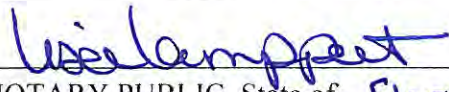
STATE OF Florida )  
 : SS  
COUNTY OF Hillsborough )

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

  
\_\_\_\_\_  
(signature) April 10, 2017  
\_\_\_\_\_  
(date)

Sworn and subscribed before me this

10th Day of April, 2017.

  
\_\_\_\_\_  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: July 4, 2020



**ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF BROWARD            )

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.

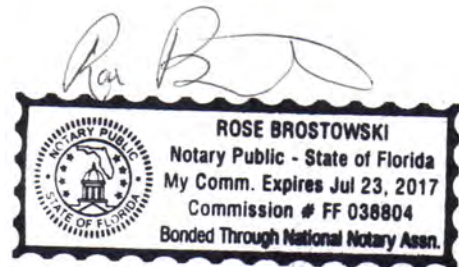
By:   
Juan D. Villegas, PE - Senior Vice President  
Professional Service Industries, Inc.

Sworn and subscribed before me this

5th day of April, 2017.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 7-23-17



**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 OFFICE AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ # 17-002 for  
City of Key West General Engineering Services.

2. This sworn statement is submitted by Professional Service Industries, Inc.  
(Name of entity submitting sworn statement)

whose business address is 7950 NW 64th Street, Miami, FL 33166  
and (if applicable) its Federal  
Employer Identification Number (FEIN) is 37-0962090 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is Juan D. Villegas, PE and my relationship to  
(Please print name of individual signing)

the entity named above is Senior Vice President.

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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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


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

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

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

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

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

(Signature)   
(Date) 04/05/2017

STATE OF Florida

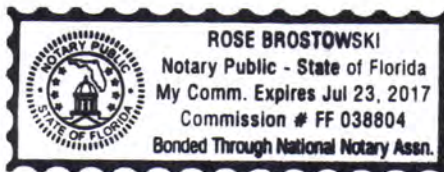
COUNTY OF BROWARD

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Juan D. Villegas, PE who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 5th day of April, 2017.

My commission expires:  
NOTARY PUBLIC





**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Professional Service Industries, Inc.

SEAL:

7950 NW 64th Street, Miami, FL 33166

Address



Signature



Juan D. Villegas, PE

Print Name

Senior Vice President

Title


04/05/2017

Date

**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**

STATE OF Florida )  
 : SS  
COUNTY OF Broward )

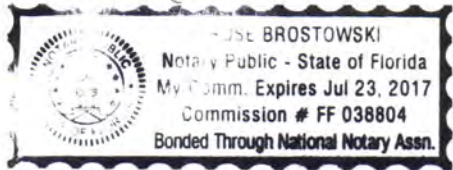
I, the undersigned hereby duly sworn, depose and say that the firm of Professional Service Industries, Inc. provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By:   
Juan D. Villegas, PE - Senior Vice President

Sworn and subscribed before me this  
5th day of April, 2017.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 7-23-17





**ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF MONROE                )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein 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: *Sandra Walters*  
Sandra Walters

Sworn and subscribed before me this

5<sup>th</sup> day of APRIL, 2017.

Nancy L. Barta    NANCY L. BARTA  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 01-17-20





**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 OFFICE AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ # 17-002 for  
General Engineering Services

2. This sworn statement is submitted by Sandra Walters Consultants, Inc. d/b/a SWC  
(Name of entity submitting sworn statement)

whose business address is 6410 Fifth Street, Suite 3, Key West, FL 33040  
\_\_\_\_\_ and (if applicable) its Federal  
Employer Identification Number (FEIN) is 65-0975585 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is Sandra Walters and my relationship to  
(Please print name of individual signing)

the entity named above is President.

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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

(Signature) *Sandra Walters*  
Sandra Walters  
(Date) 4-5-17

STATE OF FLORIDA

COUNTY OF KONROE

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

(Name of individual signing) who, after first being sworn by me, affixed his/her signature in the

space provided above on this 5<sup>th</sup> day of APRIL, 2020

My commission expires:  
NOTARY PUBLIC



*Nancy L. Barta*  
NANCY L BARTA

**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Sandra Walters Consultants, Inc. (dba SWC) SEAL:

6410 Fifth St. Suite 3 Key West, FL 33040  
Address

  
Signature

Sandra Walters  
Print Name

President  
Title

4-5-17  
Date

**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**

STATE OF FLORIDA )  
: SS  
COUNTY OF MONROE )

I, the undersigned hereby duly sworn, depose and say that the firm of Sandra Walters Consultants, Inc. (dba SWC) provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By: Sandra Walters  
Sandra Walters

Sworn and subscribed before me this

5<sup>th</sup> day of APRIL, 2020

Nancy L. Barta NANCY L. BARTA  
NOTARY PUBLIC, State of FLORIDA at Large

My Commission Expires: 01-17-20





ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF MONROE                )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein 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:  \_\_\_\_\_

Sworn and subscribed before me this  
7 day of April, 2017.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: February 12, 2019



**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 OFFICE AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Bid or Contract No. 17-002 for  
**General Engineering Services**

2. This sworn statement is submitted by United Engineering, Inc.  
(Name of entity submitting sworn statement)

whose business address is 9700 S. Dixie Hwy Ste. 880  
Miami, FL 33156 and (if applicable) its Federal  
Employer Identification Number (FEIN) is 80-0756797 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is JUAN FUENTES and my relationship to  
(Please print name of individual signing)

the entity named above is PRESIDENT

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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

(Signature)

(Date)

  
04/07/17

STATE OF FLORIDA

COUNTY OF MIAMI-DADE

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

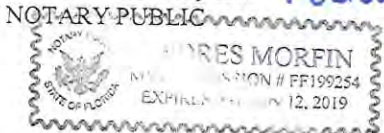
Juan Fuentes

(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 7 day of April, 2019.

My commission expires: February 12, 2019







INDEMNIFICATION

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: United Engineering, Inc.

SEAL:

9700 S. Dixie Hwy Ste. 880 Miami, FL 33156  
Address

Signature



Juan J. Fuentes  
Print Name

President  
Title

04/07/17  
Date

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

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

I, the undersigned hereby duly sworn, depose and say that the firm of  
United Engineering, Inc. provides benefits to domestic partners of its employees on the same  
basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By:  \_\_\_\_\_

Sworn and subscribed before me this

7 day of April, 2013.

\_\_\_\_\_  
NOTARY PUBLIC, State of FLORIDA at Large

My Commission Expires: February 12, 2014

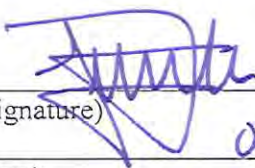




CONE OF SILENCE AFFIDAVIT

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

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

  
\_\_\_\_\_  
(signature)  
\_\_\_\_\_  
(date) 04/07/17

Sworn and subscribed before me this

7 Day of April, 2017.

\_\_\_\_\_  
NOTARY PUBLIC, State of FLORIDA at Large

My Commission Expires: February 12, 2019





**ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA            )  
  ): SS  
COUNTY OF MONROE        )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein 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.

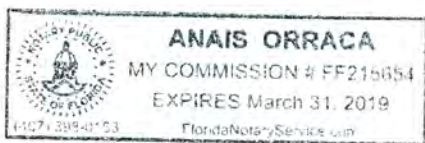
By: \_\_\_\_\_

Sworn and subscribed before me this

4<sup>th</sup> day of April, 2017.

[Signature]  
NOTARY PUBLIC, State of Florida at ~~Large~~<sup>A.D.</sup> Monroe

My Commission Expires: 03/31/2019



**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 OFFICE  
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ # 17-001 for ARCHITECTURAL SERVICES
  
2. This sworn statement is submitted by WILLIAM P. HORN ARCHITECT, P.A.  
(Name of entity submitting sworn statement)  
whose business address is 915 KATON ST., KEY WEST, FL. 33040  
and (if applicable) its Federal  
Employer Identification Number (FEIN) is 65-0562195 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is WILLIAM P. HORN and my relationship to  
(Please print name of individual signing)  
the entity named above is PRINCIPAL / OWNER.
  
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 entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, 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 of 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 a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

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

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

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

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

*[Handwritten Signature]*  
*4/4/17*

STATE OF Florida

COUNTY OF Monroe

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

William Paul Horn  
(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 4<sup>th</sup> day of April, 2017.

My commission expires: 03/31/2019  
NOTARY PUBLIC

*[Handwritten Signature]*



**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: WILLIAM P. HORN ARCHITECT, PA. SEAL:

915 ERTON STREET  
Address

  
Signature

WILLIAM P. HORN  
Print Name

PRINCIPAL  
Title

4/9/17  
Date

**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**

STATE OF Florida )  
 : SS  
COUNTY OF Monroe )

I, the undersigned hereby duly sworn, depose and say that the firm of WILLIAM P. HORN ARCHITECT, PA provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By: [Signature]  
WILLIAM P. HORN

Sworn and subscribed before me this  
4th day of April, 2017.

[Signature]  
NOTARY PUBLIC, State of Florida at Large Key West

My Commission Expires: 03/31/2019





**CONE OF SILENCE AFFIDAVIT**

STATE OF Florida )  
 : SS  
COUNTY OF Monroe )

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of William P. Horn Architects, PA. have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(date)

4/7/17

Sworn and subscribed before me this

4th Day of April, 2017.

[Signature]  
NOTARY PUBLIC, State of Florida at Large Key West

My Commission Expires: 03/31/2019



*One Human Family*



## **SECTION 7**



# LICENSES AND CERTIFICATION

*"The project was successfully delivered."*

—**Karl C. Thompson, PE** Director of PWD, City of Weston



**EAC Consulting, Inc.**

## *State of Florida Department of State*

I certify from the records of this office that EAC CONSULTING, INC. is a corporation organized under the laws of the State of Florida, filed on September 6, 1994.

The document number of this corporation is P94000066488.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 6, 2017, and that its status is active.

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

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



*Ken Detjen*  
**Secretary of State**

Tracking Number: CC1721090458

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

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

## State of Florida Board of Professional Engineers

Attests that  
**EAC Consulting, Inc.**



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

Expiration: 2/28/2019

Audit No: 228201901972 R


CA Lic. No:

7011



**EAC Consulting, Inc.**


**State of Florida**  
Board of Professional Engineers  
Attests that  
**Sharmin Shireen Siddique, P.E.**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019 P.E. Lic. No: **65562**  
Audit No: 228201911877 R


Licensee Details	
<b>Licensee Information</b>	
Name:	ADEIFE, MICHAEL ADEBOWALE (Primary Name)
Main Address:	815 HWY 57 AVENUE SUITE 402 MIAMI Florida 33126
County:	DADE
License Mailing:	
License Location:	
<b>License Information</b>	
License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	56094
Status:	Current, Active
Licensure Date:	07/25/2000
Expires:	02/28/2019

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Huntley Glenmore Higgins, P.E.**




Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019 P.E. Lic. No: **60726**  
Audit No: 228201917016 R

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Oscar Luciano Rubio, P.E.**




Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019 P.E. Lic. No: **24190**  
Audit No: 228201904521 R

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Rodney C. Devera, P.E.**




Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019 P.E. Lic. No: **71384**  
Audit No: 228201905622 R

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Rohan O'Neil Gardner, P.E.**




Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019 P.E. Lic. No: **60083**  
Audit No: 228201916974 R

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Donna-marie Angela Grace, P.E.**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019 P.E. Lic. No: **47050**  
Audit No: 228201901931 R

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Daniel Greenberg, P.E.**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019 P.E. Lic. No: **76105**  
Audit No: 228201918021 R

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Kuo-Ting A. Lin, P.E.**

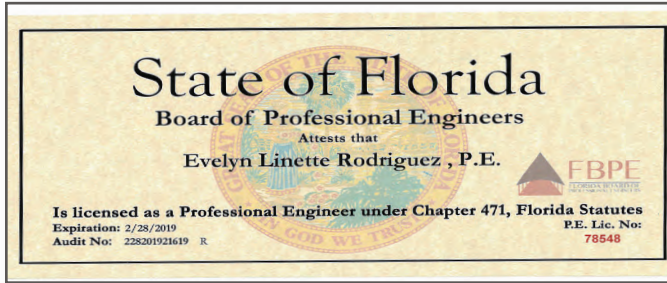


Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019 P.E. Lic. No: **41081**  
Audit No: 228201928134 R

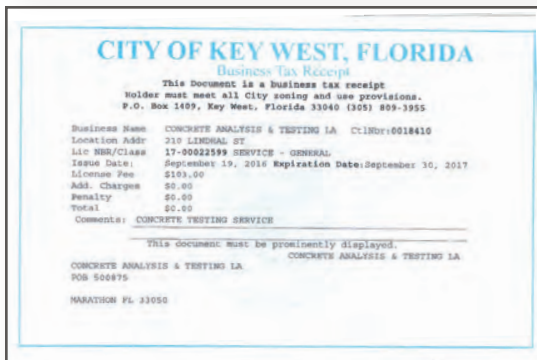
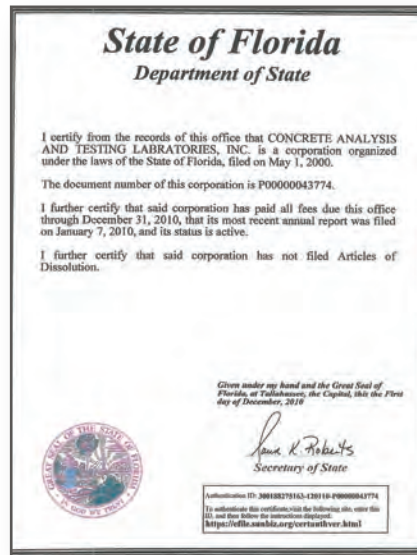
<b>Licensee Information</b>	
Name:	RAMIREZ, SHARI J. (Primary Name)
Main Address:	10970 SW 142 LANE MIAMI Florida 33176
County:	DADE
License Mailing:	
License Location:	
<b>License Information</b>	
License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	73078
Status:	Current, Active
Licensure Date:	06/04/2011
Expires:	02/28/2019



EAC Consulting, Inc.

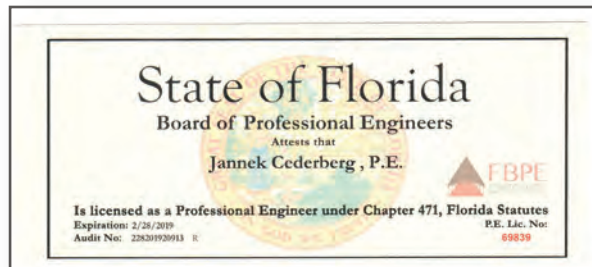
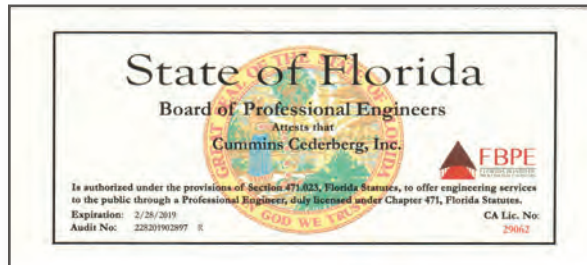
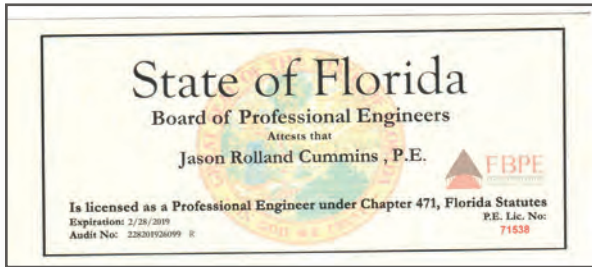


Concrete Analysis & Testing Laboratories, Inc.

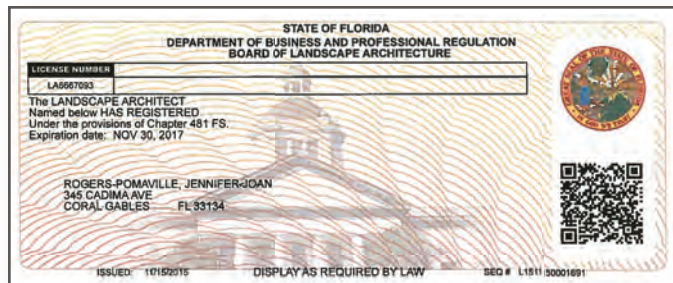
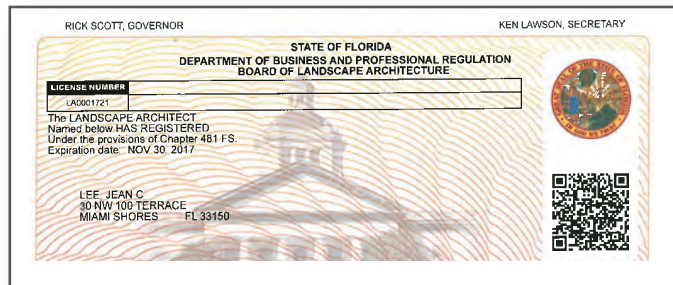
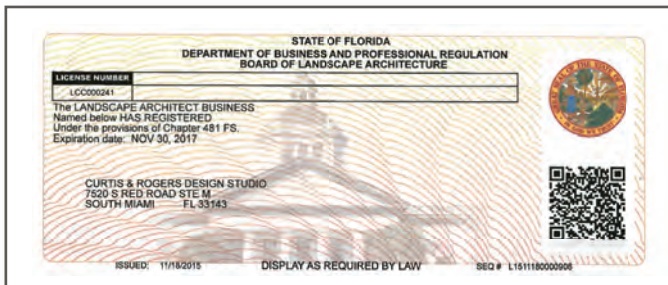




**Cummins | Cederberg, Inc.**




**Curtis + Roger Design Studio, Inc.**





Gartek Engineering Corporation


State of Florida  
Board of Professional Engineers  
Attests that  
**Roberto L. Betancourt, P.E.**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2017  
Audit No: 228201701751

P.E. Lic. No:  
**34788**


State of Florida  
Board of Professional Engineers  
Attests that  
**Melquiades Garcia, P.E.**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2017  
Audit No: 228201701683

P.E. Lic. No:  
**24221**

State of Florida  
Board of Professional Engineers  
Attests that  
**Gartek Engineering Corporation**




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

Expiration: 2/28/2017  
Audit No: 228201700868

CA Lic. No:  
**3144**

GIT Consulting, Inc.

State of Florida  
Board of Professional Engineers  
Attests that  
**Georgio Ivanov Tachiev, P.E.**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201917433 R

P.E. Lic. No:  
**67520**

4/14/2017 Licensing Portal - License Search 11:41:12 AM 4/14/2017

Data Contained In Search Results Is Current As Of 04/14/2017 11:39 AM.

**Search Results**

Please see our [Glossary of Terms](#) for an explanation of the license status shown in these search results.

For additional information, including any complaints or discipline, click on the name.

License Type	Name	Name Type	License Number/Rank	Status/Expires
Certificate of Authorization	<b>GIT CONSULTING, LLC</b>	Primary	29324	Current 02/28/2019
Main Address*: 2332 GALIANO 2332 GALIANO STREET 2ND FL CORAL GABLES, FL 33134 Mailing Address*: 2332 GALIANO 2332 GALIANO STREET 2ND FL CORAL GABLES, FL 33134				

\* denotes:  
 Main Address \* This address is the Primary Address on file.  
 Mailing Address \* This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location address).  
 License Location Address \* This is the address where the place of business is physically located.

2019 Star State Road - Tallahassee, FL 32308 - Form 6 Customer Contact Center - Customer Contact Center: 850.487.1356

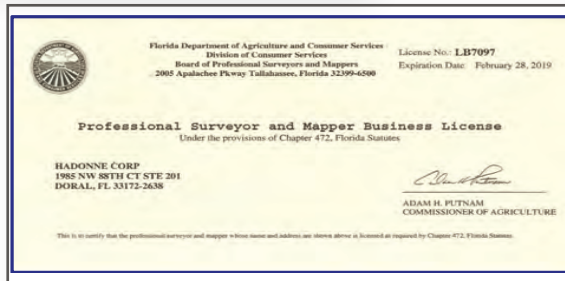
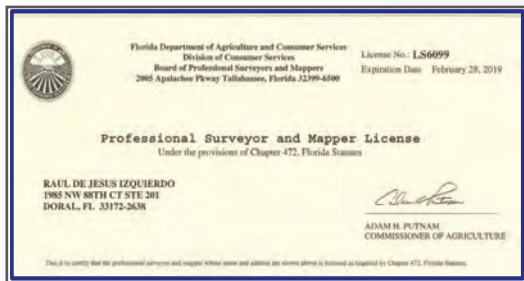
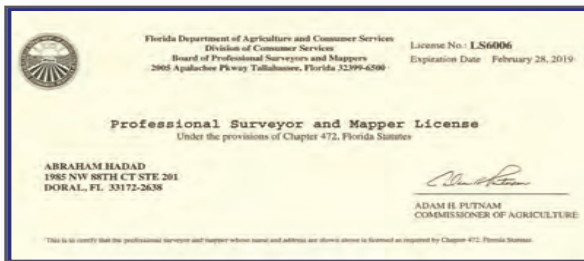
The State of Florida is an Equal Opportunity Employer. Copyright 2017-2018 State of Florida. Privacy Statement

Notice: Florida has several databases on public records. If you do not wish your search results returned to you, you may request that we redact certain information from the search results. If you have any questions, please contact 850.487.1356. This notice is effective 05/25/17. For help, please contact the Office of Information Management, Department of Information Technology, State of Florida, 2000 North Florida Avenue, Tallahassee, Florida 32308. This notice is effective 05/25/17. For help, please contact the Office of Information Management, Department of Information Technology, State of Florida, 2000 North Florida Avenue, Tallahassee, Florida 32308. This notice is effective 05/25/17. For help, please contact the Office of Information Management, Department of Information Technology, State of Florida, 2000 North Florida Avenue, Tallahassee, Florida 32308.

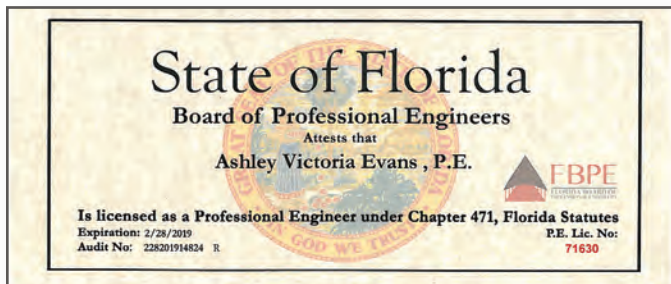
https://www.myfloridalegal.com/FL1.asp?mode=2&searchName&ED=4&D=4&E=



**Hadonne**



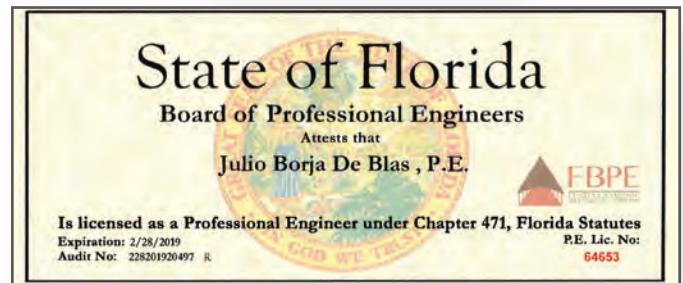
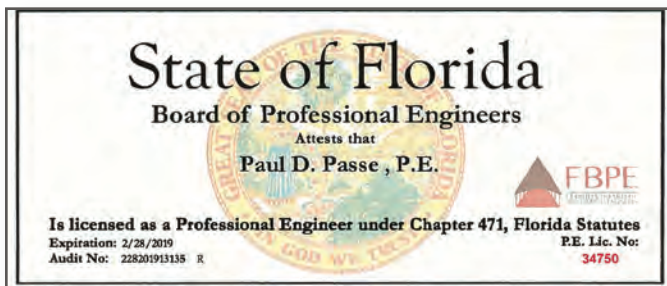
**Kessler Consulting, Inc.**



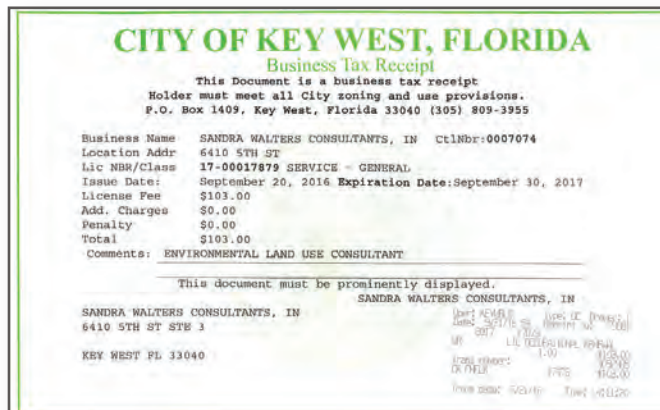
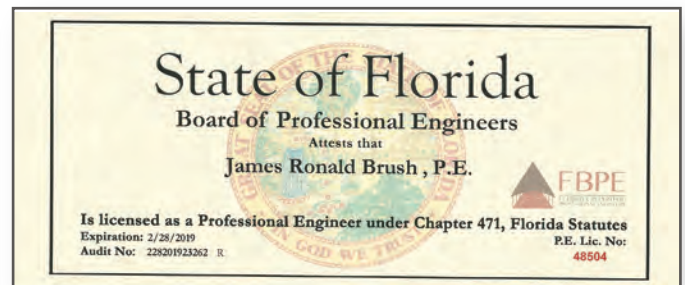
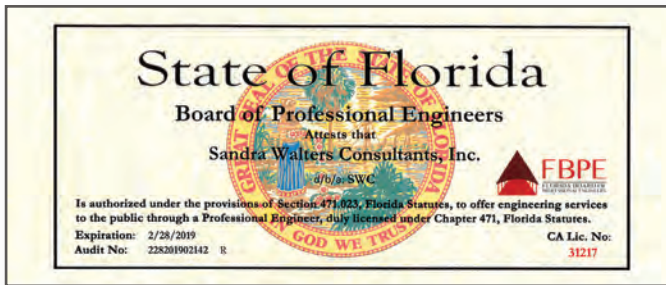




**Professional Service Industries, Inc. (PSI)**

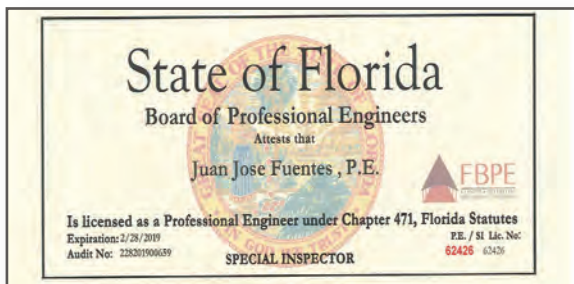


**Sandra Walters Consultants, Inc.**

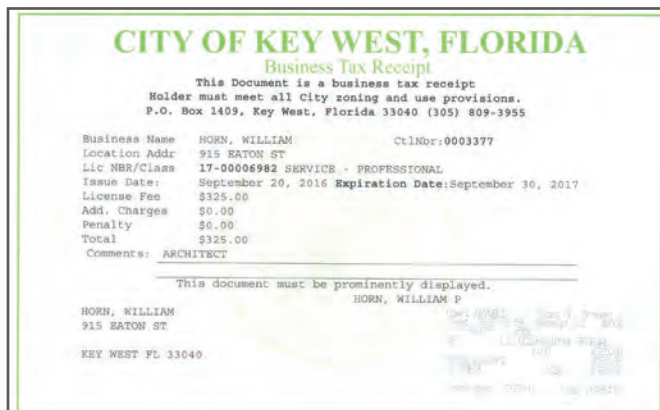
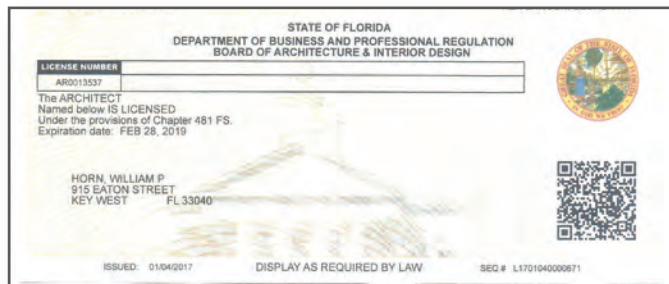
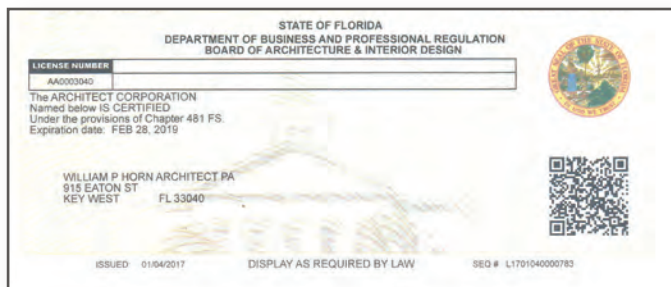




**United Engineering, Inc.**



**William P. Horn Architect, P.A.**





# CITY OF KEY WEST

RFQ NO. 17-002

General Engineering Services



## CONTACT INFORMATION

**Sharmin Siddique, PE** – Project Manager

815 NW 57th Avenue, Suite 402

Miami, FL 33126

305-265-5400 • [ssiddique@eacconsult.com](mailto:ssiddique@eacconsult.com)



**EAC Consulting, Inc.**  
[eacconsult.com](http://eacconsult.com)

IN ASSOCIATION WITH



CUMMINS | CEDERBERG  
Coastal & Marine Engineering





**Insurance**

CONSULTANT is to secure, pay for, and file with the City of Key West, prior to commencing any work under the Contract, all certificates for workers’ compensation, public liability, and property damage liability insurance, and such other insurance coverages as may be required by specifications and addenda thereto, in at least the following minimum amounts with specification amounts to prevail if greater than minimum amounts indicated. Notwithstanding any other provision of the Contract, the CONSULTANT shall provide the minimum limits of liability insurance coverage as follows:

Auto Liability	\$1,000,000	Combined Single Limit
General Liability	\$2,000,000	Aggregate (Per Project)
	\$2,000,000	Products Aggregate
	\$1,000,000	Any One Occurrence
	\$1,000,000	Personal Injury
	\$ 300,000	Fire Damage/Legal
Professional Liability	\$2,000,000	Per Claim / Aggregate

CONSULTANT shall furnish an original Certificate of Insurance indicating, and such policy providing coverage to, City of Key West named as an additional insured on all policies—excepting Professional Liability—on a PRIMARY and NON CONTRIBUTORY basis utilizing an ISO standard endorsement at least as broad as CG 2010 (11/85) or its equivalent, (combination of CG 20 10 07 04 and CG 20 37 07 04, providing coverage for completed operations, is acceptable) including a waiver of subrogation clause in favor of City of Key West on all policies. CONSULTANT will maintain the Professional Liability, General Liability, and Umbrella Liability insurance coverages summarized above with coverage continuing in full force including the additional insured endorsement until at least 3 years beyond completion and delivery of the work contracted herein.

Notwithstanding any other provision of the Contract, the CONSULTANT shall maintain complete workers’ compensation coverage for each and every employee, principal, officer, representative, or agent of the CONSULTANT who is performing any labor, services, or material under the Contract. Further, CONSULTANT shall additionally maintain the following minimum limits of coverage:

Bodily Injury Each Accident	\$1,000,000
Bodily Injury by Disease Each Employee	\$1,000,000
Bodily Injury by Disease Policy Limit	\$1,000,000

If the work is being done on or near a navigable waterway, CONSULTANT’s workers compensation policy shall be endorsed to provide USL&H Act (WC 00 01 06 A) and Jones Act (WC 00 02 01 A) coverage if specified by the City of Key West. CONSULTANT shall provide the City of Key West with a Certificate of Insurance verifying compliance with the workman’s

compensation coverage as set forth herein and shall provide as often as required by the City of Key West such certification which shall also show the insurance company, policy number, effective and expiration date, and the limits of workman's compensation coverage under each policy.

CONSULTANT's insurance policies shall be endorsed to give 30 days written notice to the City of Key West in the event of cancellation or material change, using form CG 02 24, or its equivalent.

Certificates of Insurance submitted to the City of Key West will not be accepted without copies of the endorsements being requested. This includes additional insured endorsements, cancellation/material change notice endorsements, and waivers of subrogation. Copies of USL&H Act and Jones Act endorsements will also be required if necessary. PLEASE ADVISE YOUR INSURANCE AGENT ACCORDINGLY.

CONSULTANT will comply with any and all safety regulations required by any agency or regulatory body including but not limited to OSHA. CONSULTANT will notify City of Key West immediately by telephone at (305) 809-3964 of any accident or injury to anyone that occurs on the jobsite and is related to any of the work being performed by the CONSULTANT.

It shall be the responsibility of the Consultant to ensure that all sub-consultants/subcontractors comply with the same insurance requirements as is required of Consultant.

In addition, it is understood if at any time any of the policies required by the City shall become unsatisfactory to the City as to form or substance, or if a company issuing any such policy shall become unsatisfactory to the City, the Consultant shall obtain a new policy, submit the same to the City for approval and submit a certificate of insurance as which may be required by the contract. It is understood that upon failure of the Consultant to furnish, deliver and maintain such insurance as required above, the contract at the election of the City may be declared suspended, discontinued or terminated. Further, failure of the Consultant to take out and/or maintain any required insurance shall not relieve the Consultant from any liability under the contract, nor shall the insurance requirements be construed to conflict with the obligations of the Consultant concerning indemnification.

### **Indemnification**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Subcontractors or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable

commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

compensation coverage as set forth herein and shall provide as often as required by the City of Key West such certification which shall also show the insurance company, policy number, effective and expiration date, and the limits of workman's compensation coverage under each policy.

CONSULTANT's insurance policies shall be endorsed to give 30 days written notice to the City of Key West in the event of cancellation ~~or material change~~, using form CG 02 24, or its equivalent.

Certificates of Insurance submitted to the City of Key West will not be accepted without copies of the endorsements being requested. This includes additional insured endorsements, cancellation/material change notice endorsements, and waivers of subrogation. Copies of USL&H Act and Jones Act endorsements will also be required if necessary. PLEASE ADVISE YOUR INSURANCE AGENT ACCORDINGLY.

CONSULTANT will comply with any and all safety regulations required by any agency or regulatory body including but not limited to OSHA. CONSULTANT will notify City of Key West immediately by telephone at (305) 809-3964 of any accident or injury to anyone that occurs on the jobsite and is related to any of the work being performed by the CONSULTANT.

It shall be the responsibility of the Consultant to ensure that all sub-consultants/subcontractors comply with the same insurance requirements as is required of Consultant.

In addition, it is understood if at any time any of the policies required by the City shall become unsatisfactory to the City as to form or substance, or if a company issuing any such policy shall become unsatisfactory to the City, the Consultant shall obtain a new policy, submit the same to the City for approval and submit a certificate of insurance as which may be required by the contract. It is understood that upon failure of the Consultant to furnish, deliver and maintain such insurance as required above, the contract at the election of the City may be declared suspended, discontinued or terminated. Further, failure of the Consultant to take out and/or maintain any required insurance shall not relieve the Consultant from any liability under the contract, nor shall the insurance requirements be construed to conflict with the obligations of the Consultant concerning indemnification.

## **Indemnification**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, ~~agents~~, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, ~~and~~ such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Subcontractors or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable




# Summary of Comments on Insurance (003).pdf


---

Page: 2

---

 Number: 1 Author: TMarchetti Subject: Cross-Out Date: 3/28/2017 3:47:08 PM

---

 Number: 2 Author: TMarchetti Subject: Cross-Out Date: 3/28/2017 3:47:58 PM

---

 Number: 3 Author: TMarchetti Subject: Inserted Text Date: 3/28/2017 3:48:25 PM  
where recoverable by applicable law

---