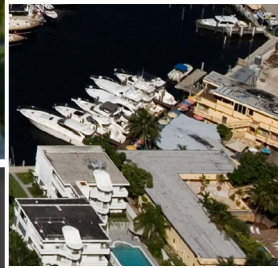




# CITY OF FORT LAUDERDALE

## INTRACOASTAL WATERWAY LAS OLAS MARINA DREDGING PROJECT



SEPTEMBER 29, 2014

EXHIBIT 3  
14-1584  
Page 1 of 73



1.

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2.

**PROPOSAL LETTER /  
LETTER OF INTEREST /  
PROPOSAL SIGNATURE  
FORM**



Bermello Ajamil & Partners, Inc.

Architecture  
Engineering  
Planning  
Interior Design  
Construction Services

September 26, 2014

Mr. Ronald Archey, Procurement Specialist  
City of Fort Lauderdale  
Procurement Services Division – Fort Lauderdale City Hall  
100 N. Andrews Avenue, 6th Floor  
Fort Lauderdale, Florida 33301

**RE: RESPONSE TO REQUEST FOR QUALIFICATIONS for CIVIL/ENVIRONMENTAL ENGINEERING SERVICES for the City of Fort Lauderdale Intracoastal Waterway – Las Olas Marina Dredging Project**

Dear Mr. Archey,

**The Bermello-Ajamil & Partners, Inc. (B&A)** Team is pleased to submit this statement of professional qualifications for civil/environmental engineering services related to the above referenced RFQ. **B&A** is internationally recognized as one of the leading firms in the planning and design of waterfront and coastal engineering projects. Our multi-discipline firm is uniquely qualified through our unmatched track record and expertise in marine and civil engineering. Our unique expertise was recently recognized by the State of Florida in awarding us the design of the seawall replacement for the archeologically sensitive Miami Circle in preparation for the planned dredging of the Miami River. This response is made in accordance with the requirements set forth in your notice and attachments dated August 29, 2014.

The City has planned the maintenance dredging of the marinas and their approaches from the Intracoastal Waterway. The work is to be done in conjunction and coordination with the Florida Inland Navigation District's (FIND) dredging project for the proposed deepening of the Intracoastal Waterway.

**B&A** is the right firm to assist the City of Fort Lauderdale in the design, permitting, testing, and preparation of contract documents for the bid of the planned dredging work. In addition to our in-house experts we have assembled a Team of professionals that offer the very best technical expertise in the design of marine and coastal facilities, along with very specific local knowledge, environmental conditions, and regulatory requirements. Collaborating closely with **E-Sciences** (environmental testing & permitting), **Cummins/Cederberg** (coastal engineering & bathymetry) **Geosol** (geotechnical engineering), and **Keith & Assoc.** (civil & survey) **B&A** will be able to lay the groundwork for the successful design, permitting, bid, and construction of the planned improvements.

While the contents of this Request for Qualifications (RFQ) cover all requested points of information, we would like to highlight several important attributes that we feel uniquely qualify the **B&A** Team for this important assignment:

**B&A** is a worldwide leader in waterfront planning and marine engineering. Our project experience spans six continents and includes important assignments in many of the world's most important port and destination cities: San Diego, Los Angeles, Miami, Ft. Lauderdale, San Juan, New York, Seattle, Vancouver, St. Petersburg, Barcelona, Nice, Istanbul, Grenada, Roatan, Cozumel, New Orleans, and others. Our dredging projects have ranged from localized dredging of marinas to extensive navigational channels. **B&A** is unmatched in local and international experience in waterfront facility site assessment and engineering.

The Team leaders and members committed to this assignment offer the highest level of engineering expertise and management ability. Mr. Frank Tejidor, P.E. will serve as Project Manager. As support, B&A has assembled a group of experts with specific knowledge, skill sets and a track record of past work experience here locally and internationally. Our offices in Miami and Ft. Lauderdale are both committed to dedicate our professional resources to these projects in order to insure the greatest workforce flexibility and responsiveness.

The Project Manager is available to answer any questions you may have related to the contents of this proposal at your convenience. Please do not hesitate to call him at (305) 860-3743 or reach him by email at [ftejidor@bermelloajamil.com](mailto:ftejidor@bermelloajamil.com).

The information provided herein in response to your request for our qualifications is complete and accurate. The City is encouraged to contact the references that we are providing or any of our previous clients. We look forward to hearing from you and hope to be of service to the City of Fort Lauderdale.

Sincerely,



Luis Ajamil, P.E.  
President

As requested, the following is our legal name, address, fax number, point of contacts, contact numbers, etc.

**Bermello Ajamil & Partners, Inc.**  
**900 S.E. 3rd Avenue, Suite 203, Fort Lauderdale, FL 33316**  
**Ph: 954.467.1113 Fx: 954.467.1116**



3.

## QUALIFICATIONS OF THE FIRM

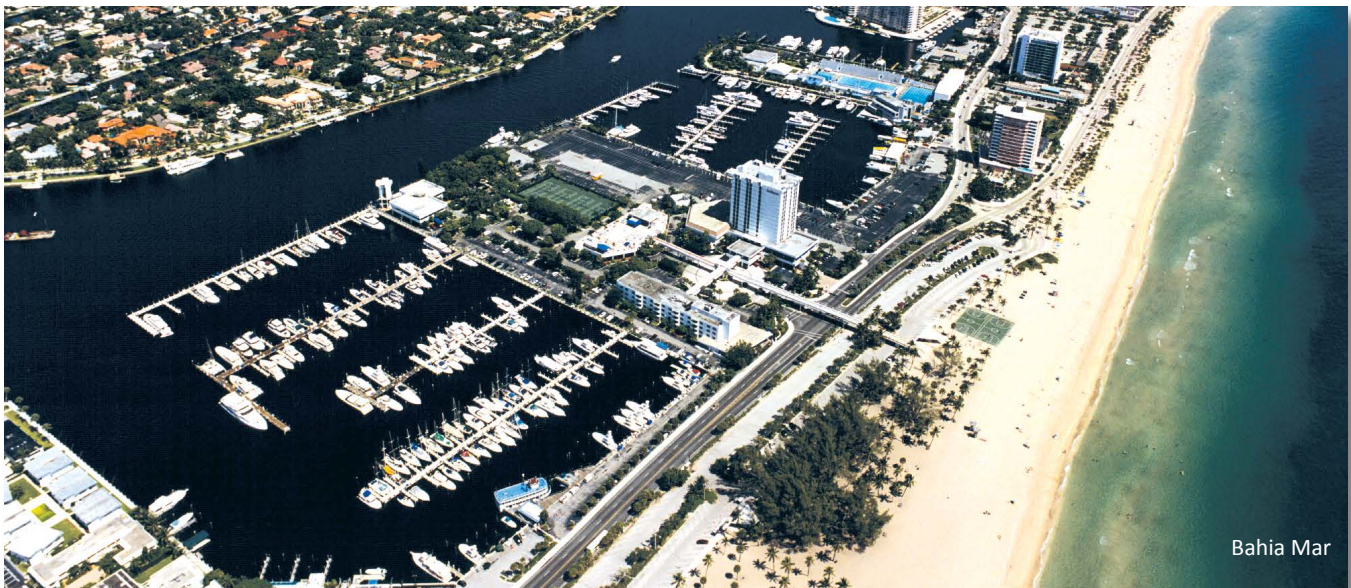
**Bermello Ajamil & Partners, Inc. (B&A)** is among the premier A/E firms working on waterfronts across the globe. Since 1992, B&A has been recognized worldwide for its role in the revitalization and redevelopment of waterfronts.

B&A is a local firm and our local knowledge provides unique insights to generate viable and creative ideas. We consistently deliver designs that are both cost-effective and capable of withstanding the rigorous marine and costal environments.

B&A has extensive experience in the planning and design of large marine structures and waterfront developments. Our reputation for excellence in the waterfront environment is built on years of experience, working on a variety of projects including marinas, docks, piers and seawalls for public and private clients.

**B&A KNOWS THIS PROJECT SITE**

In 2000, B&A was comissioned to provide the redesign of **Bahia Mar**. The new design specifically addressed an increase in the size of marina slips to accommodate the latest generation of mega yachts. It is the largest mega yacht marina in this region, capable of docking over 100 mega yachts up to 200 feet in length-over-all (LOA). Since Bahia Mar serves as host to the international boat show, B&A incorporated certain utility features that allow for easy adaptation for multiple functions. Piers and catwalks were specially designed with sufficient width and length to accommodate the large number of visitors to these annual events.



Bahia Mar

B&A offers a professional and knowledgeable staff of licensed engineers, architects and planners who are experts at solving the complex issues that drive marine and coastal systems. We are committed to the City of Fort Lauderdale and will use all of our resources to successfully execute and complete this important project.

**OVERVIEW**

**Bermello Ajamil & Partners Inc. (B&A)** is a local South Florida firm providing Engineering, Architecture, Planning, Landscape Architecture, Interior Design and Construction Services. B&A was originally founded in 1939 as a small local architectural firm and incorporated in the City of Miami under its current name in 1992. With our headquarters in Miami and a fully staffed office in the City of Fort Lauderdale, B&A maintains a professional staff of over 70 talented individuals.

B&A is a State of Florida corporation and is licensed, permitted, registered and certified to do business.



B&A has won numerous design awards and our projects have been rewarded by consistent commissions from local, county and state agencies. B&A has been consistently recognized for its design excellence by the Society of American Registered Architects, American Institute of Architects, American Planning Association, and Florida Institute of Consulting Engineers. In 2013, B&A was recognized as one of the Top 100 Private Companies by the South Florida Business Journal and one of the Top 300 Architectural Firms by Architectural Record.

Recently, B&A was awarded the Grand Award in the FICE 2013 Engineering Excellence Awards for our project, "PortMiami 2035 Master Plan."



Port of Miami

**Responding to the City**

Our Team has a reputation for on-time, on-budget delivery of quality designs and accompanying documents. B&A's Project Manager, Frank Tejedor, will be readily accessible to respond to the City's needs and meet their expectations for a rapid, efficient and quality delivery of this project.

**Experience with Regulatory Agencies**

Early identification of the agencies having jurisdiction on a project and a clear understanding of their standards, specifications, permit requirements and time frames associated with processing and review of the plans and permit applications is vital to the success of any project.

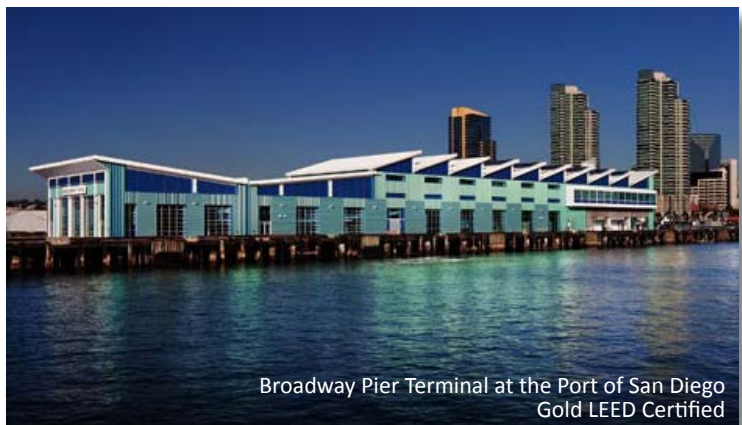
B&A has unparalleled experience with regulatory agencies. The following is a list of some of the agencies that B&A routinely interacts with:

- Broward County
  - Building and Zoning
  - Water and Sewer
  - Public Works
  - Fire Department, etc.
- Florida Department of Transportation
- South Florida Water Management District (SFWMD)
- Florida Department of Environmental Protection (DEP)
- US Army Corp of Engineers (COE)
- DERM Coastal Wetlands Section
- DERM Fresh Water Wetlands Section
- State of Florida Department of Health

**Sustainable Design - B&A LEED Services**

B&A is committed to developing sustainable and fully integrated designs while determining realistic cost-saving opportunities. As a member of the U.S. Green Building Council, B&A has established an early commitment to the green building movement by creating a department dedicated to providing LEED consulting services.

Our LEED Accredited Professionals cover each stage of sustainable design and the LEED Certification process.



Broadway Pier Terminal at the Port of San Diego  
Gold LEED Certified



**SERVICES**

**Engineering and Permitting**

- Civil Engineering
- Marina Design
- Land Development
- Port Development
- Cruise Industry Services
- Aviation
- Highway Design

**Landscape Architecture, Planning & Urban Design**

- Site Master Planning, Analysis and Design
- Environmental Planning
- Comprehensive Planning
- Neighborhood Planning
- Park and Recreation Planning & Design
- Streetscape Design
- Rezoning
- Permitting
- Feasibility and Peer Review Analysis
- Aesthetics Guidelines
- 

**Construction Services**

- Project Management
- Cost Estimating & Scheduling
- Plans Processing and Permitting
- Construction Administration
- Construction Engineering & Inspection (CE&I)
- Post Evaluation Analysis
- Construction Administration

**Architecture**

- Architectural Guidelines and Design
- Programming
- Existing Facilities Survey & Building Certification
- A.D.A. Surveys
- Zoning Analysis
- Site Planning
- Construction Phase Services
- Contract Documents & Permitting

**Interiors**

- Space Planning
- Interior Design
- Furniture & Custom Millwork Design
- FF&E Specifications & Pricing Packages
- Furniture Inventories
- Art Selection
- Way-finding Signage & Graphics
- Procurement
- Post ID Design Evaluation

**Other Services**

- Dredge, Fill and Development Permits
- Community Development & Public Information
- Development of Regional Impacts (DRI)
- Resort Design
- Port Planning
- Transportation/Transit Planning & Design
- Water & Sewer

## State of Florida Department of State

I certify from the records of this office that BERMELO, AJAMIL & PARTNERS, INC. is a corporation organized under the laws of the State of Florida, filed on February 28, 1977.

The document number of this corporation is 528526.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 2, 2014, and 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 Second day of January, 2014*

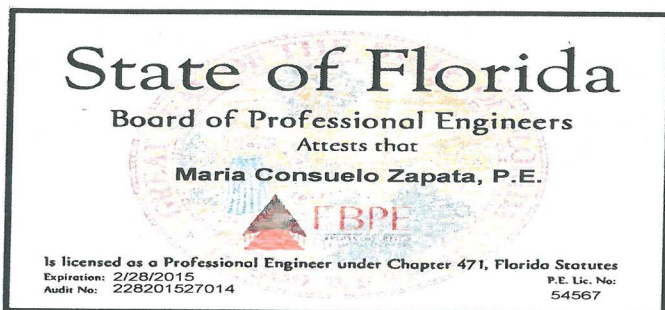
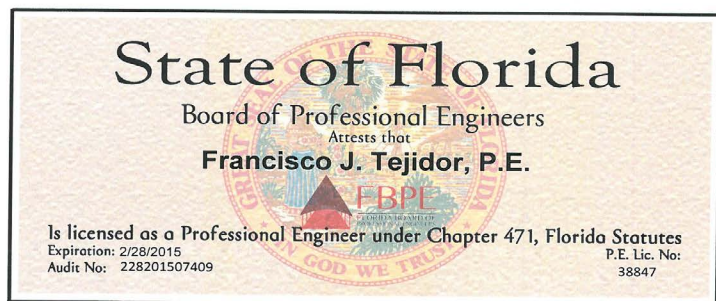
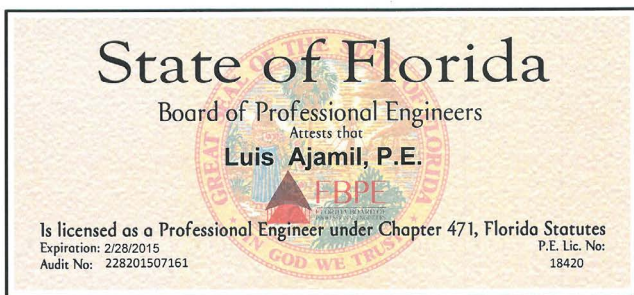
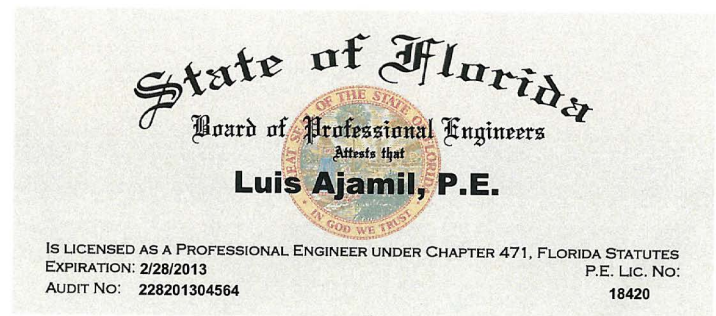
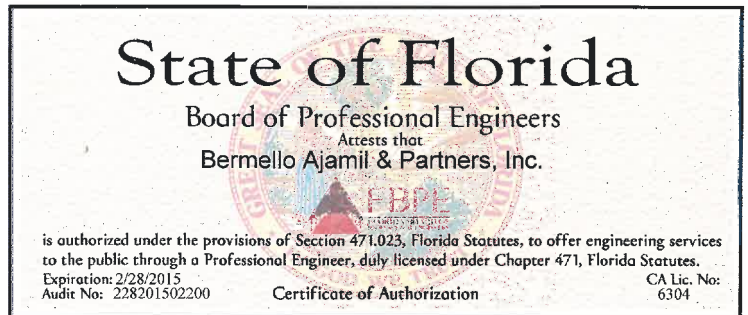
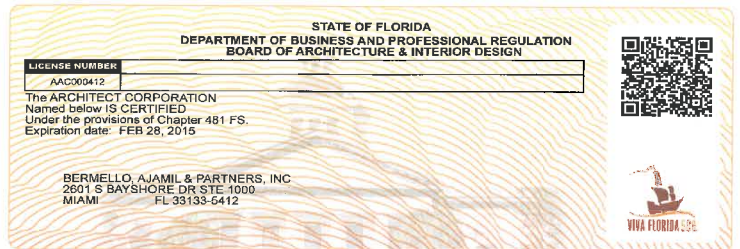


*Ken Dietzen*  
Secretary of State

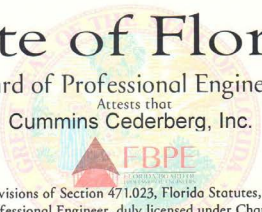
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To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.sunbiz.org/certauthver.html>



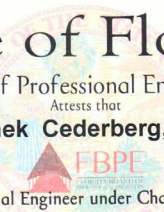
**State of Florida**  
Board of Professional Engineers  
Attests that  
**Cummins Cederberg, Inc.**



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: 2/28/2015  
Audit No: 228201503146

Certificate of Authorization  
CA Lic. No: 29062

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Jannek Cederberg, P.E.**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015  
Audit No: 228201517135

P.E. Lic. No: 69839

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Jason Rolland Cummins, P.E.**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015  
Audit No: 228201520227

P.E. Lic. No: 71538

**FDOT**  
Florida Department of Transportation

RICK SCOTT GOVERNOR  
605 Suwannee Street Tallahassee, FL 32399-0450  
June 20, 2014

ANANTHI PRASAD, P.E. SECRETARY

Oracio Riccobono, President  
GEOSOL, INC.  
5795-A NW 151<sup>st</sup> Street  
Miami Lakes, Florida 33014

Dear Mr. Riccobono:

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
- 9.4.1 - Standard Foundation Studies
- 9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies

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, 2015 for contracting purposes.

	Home/Branch Office	Facilities Capital Cost of Money	Overtime Premium Reimbursed	Published Fee Schedule
Indirect Costs	177.97%	1.342%		Yes

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

Sincerely,  
  
Carlayne Kell  
Professional Services  
Qualification Administrator

www.dot.state.fl.us

**MIAMI-DADE COUNTY**  
Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources  
Small Business Development  
111 NW 1 Street, 19<sup>th</sup> Floor  
Miami, Florida 33128  
T 305-375-3111 F 305-375-3160

February 25, 2013

CERT. NO: 14104  
Approval Date: 02/25/2013 - CBE Tier 1  
Expiration Date: 12/31/2014

Mr. Jannek Cederberg  
CUMMINS CEDERBERG, INC.  
7550 Red Rd. #217  
South Miami, FL 33143-0000

Dear Mr. Cederberg:

Miami Dade County Small Development (SID) under Business Affairs, a division of the Department of Regulatory and Economic Resources (RER) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Small Business Enterprise (SBE) in accordance with section 2-10.4.01 of the Code of Miami Dade County.

This certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your anniversary date of February 25, 2014 and there are no changes in your firm pertinent to your certification eligibility. The submission of a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date is required to maintain the three year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm. Pursuant to the applicable section of the code as listed above, "once your firm has been decertified, your firm shall not be eligible to re-apply for certification for twelve (12) months from the time of the decertification."

If, at any time, there is a material change in the firm, including, but not limited to, ownership, officers, Director, scope of work being performed, daily operations, affiliations with other business or physical location of the firm, you must notify this office, in writing, within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary.

Your company is certified in the categories as listed below affording you the opportunity to bid and participate on contracts with goals. Please note that the categories listed are very general and are used only to assist our customers in searching the directory for certified firms to meet contract goals. The directory for all certified firms can be accessed on the Miami Dade County RER website <http://www.miamidade.gov/business/business-certification-programs.asp>.

Thank you for doing business with Miami Dade County.

Sincerely,

Sheri McGriff, Director  
Business Opportunity Support Services  
Small Business Development Division  
Regulatory and Economic Resources Department (RER)

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)  
PORT & WATERWAY SYSTEMS-ENGINEERING DESIGN (CBE)  
HIGHWAY SYSTEMS-UNDERWATER ENGINEERING INSPECTION (CBE)  
PORT & WATERWAY SYSTEMS-CRUISE TERMINAL DESIGN (CBE)  
PORT & WATERWAY SYSTEMS-MARINE ENGINEERING DESIGN (CBE)  
PORT & WATERWAY SYSTEMS ENVIRONMENTAL DESIGN (CBE)  
ENVIROM-ON-COASTAL PROCESSES & OCEAN ENGINEERING (CBE)  
ENGINEERING SERVICES (CBE)

*Everlasting Excellence Every Day*

DB08/0201-2/25/2013

**MIAMI-DADE COUNTY**  
Internal Services Department

PQ Certificate No.: 2009-650987886-16  
Approval Date: 5/7/2014  
Expiration Date: 5/31/2015

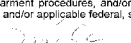
**ARCHITECTURE/ENGINEERING (A/E)  
PRE-QUALIFICATION CERTIFICATE**

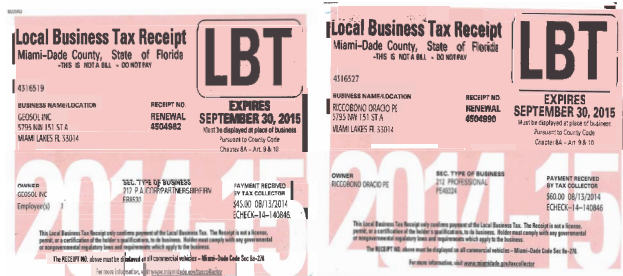
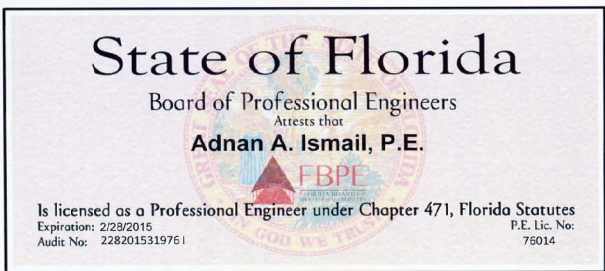
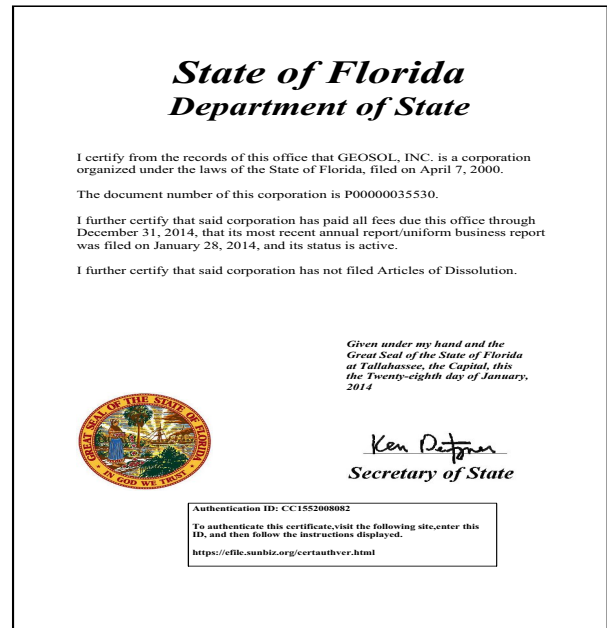
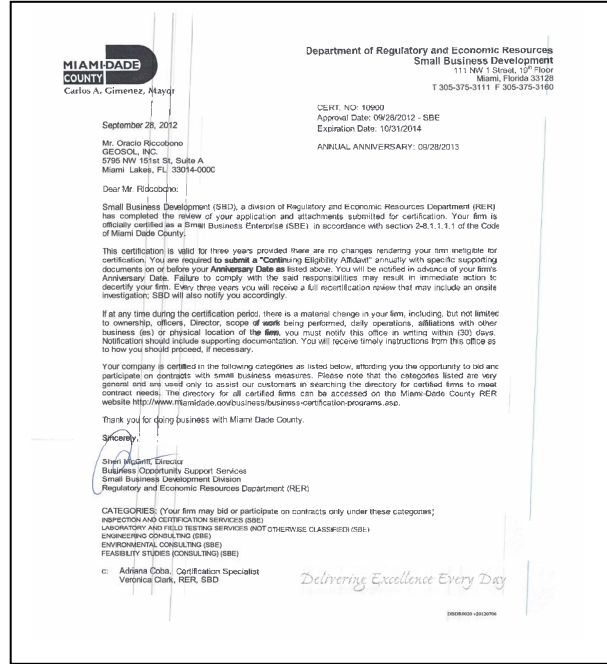
This certificate is hereby issued to:  
**Geosol, Inc.**  
5795-A NW 151<sup>st</sup> Street  
Miami Lakes, FL 33014

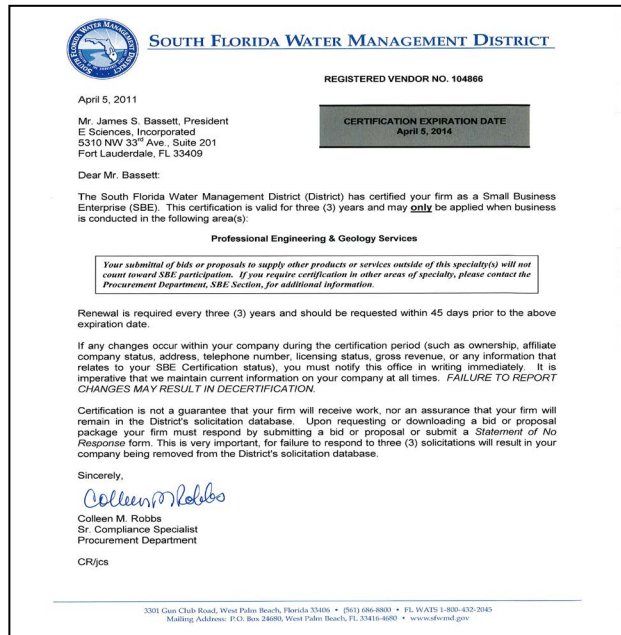
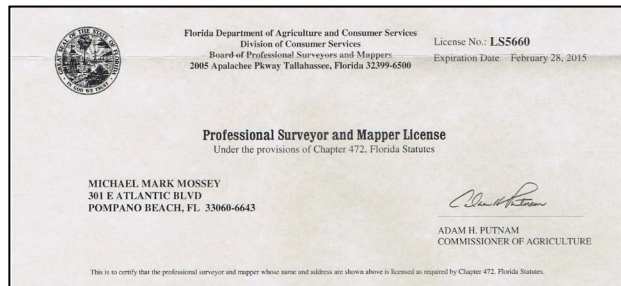
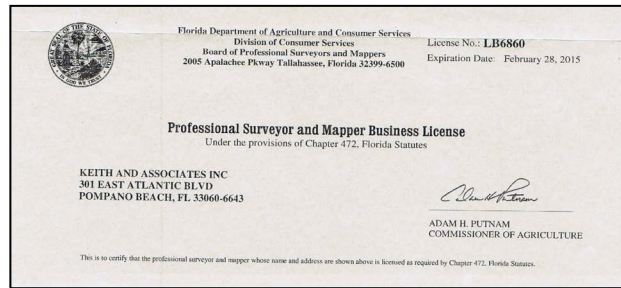
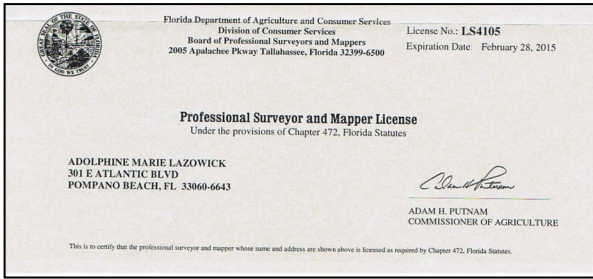
The above named applicant is pre-qualified to provide professional A/E services for Miami-Dade County for the period indicated above. The applicant has committed its firm to comply with the specific conditions listed below:

- Pre-Qualified to offer professional services only in the Miami-Dade County technical categories shown in the "Statement of Technical Qualifications." All technical category restrictions must be strictly adhered to.
- Pre-qualification Certification (PQC) consolidates the technical certification, affirmative action plan, and vendor registration into one streamlined certification process resulting in the issuance of a Pre-qualification Certificate.
- Report any significant changes, such as contact person, qualifer, ownership, firm address, etc., to Professional Services Certification located at 111 NW 1<sup>st</sup> Street, Suite 1300, Miami, FL 33128, within 30 days of such a change. Failure to report said changes to the County may result in the immediate suspension or termination of your firm's Pre-qualification Certification.
- Firms are responsible for observing and adhering to Miami-Dade County's Administrative Order 3-39 "Standard process for construction of capital improvements, acquisition of professional services, construction contracting, change orders and reporting".
- Failure to renew your firm's PQC at least thirty (30) days prior to your firm's current expiration date may result in the suspension and/or termination from County programs and current or future contracts until your firm's Pre-qualification Certification has been properly renewed. Any lapses in the certification of any of the required PQC areas (vendor registration, affirmative action plan, or technical certification) will result in a lapse in your PQC. Firms are responsible for observing and adhering to all submission deadlines.
- Any renewal applications and/or supporting documents submitted after the application deadline might delay the review of your firm's PQC certification to the next available Technical Certification Committee meeting. The PQC application, submission deadlines, and the Technical Certification Committee meeting calendar can be found on Procurement Management web site located at <http://www.miamidade.gov/interalservices/pre-qualification-certification.asp>.
- Permit Miami-Dade County representatives to have access during normal business hours to audit books and records to verify information submitted with this application. This right of access shall commence on the approval date of this certificate and shall terminate on its expiration date.

Please note that if at any time Miami-Dade County's has reason to believe that any person or firm has willfully and knowingly provided incorrect information or made false statements, the County may refer the matter to the State Attorney's Office and/or other investigative agencies, initiate debarment procedures, and/or pursue sanctions or other legal remedies in accordance with Miami-Dade County policy and/or applicable federal, state and local laws.

  
Nubia Jarquin  
Professional Services Certification  
305-375-6537







4.

## QUALIFICATIONS OF THE PROJECT TEAM

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTACT - SPECIFIC QUALIFICATIONS

### A. CONTACT INFORMATION

1. TITLE AND LOCATION (City and State) <b>Civil/Environmental Engineering Services for the City of Fort Lauderdale Intracoastal Waterway - Las Olas Marina Dredging Project</b>	
2. PUBLIC NOTICE DATE <b>8/29/14</b>	3. SOLICITATION OR PROJECT NUMBER <b>Bid #946-11484</b>

### B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE <b>Frank Tejidor, P.E. - Project Manager</b>		
5. NAME OF FIRM <b>Bermello Ajamil &amp; Partners, Inc.</b>		
6. TELEPHONE NUMBER <b>954.467.1113</b>	7. FAX NUMBER <b>954.467.1116</b>	8. EMAIL ADDRESS <b>FTejidor@bermelloajamil.com</b>

### C. PROPOSED TEAM

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

	(Check)		9. FIRM NAME	10. ADDRESS	11. ROLE IN THE CONTRACT
	J-V Partner	Sub Contractor			
a.	<input checked="" type="checkbox"/>		<b>Bermello Ajamil &amp; Partners, Inc.</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	<b>900 SE 3rd Avenue, Suite 203 Fort Lauderdale, FL 33316</b>	<b>Prime Consultant Project Management, Marine Engineering, Civil Engineering, Planning, Design, Permitting</b>
b.		<input checked="" type="checkbox"/>	<b>Keith &amp; Associates, Inc.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<b>301 East Atlantic Boulevard Pompano Beach, FL 33060</b>	<b>Civil Engineering &amp; Surveying</b>
c.		<input checked="" type="checkbox"/>	<b>E-Sciences, Inc.</b> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	<b>5310 NW 33rd Ave, Suite 201 Fort Lauderdale, FL 33409</b>	<b>Environmental</b>
d.		<input checked="" type="checkbox"/>	<b>Cummins Cederberg, Inc.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<b>7550 Red Road, Suite 217 South Miami, FL 33143</b>	<b>Coastal Engineering</b>
e.		<input checked="" type="checkbox"/>	<b>Geosol, Inc.</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<b>5795 NW 151st St., Suite A Miami Lakes, FL 33014</b>	<b>Geotechnical Engineering</b>
f.			<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM



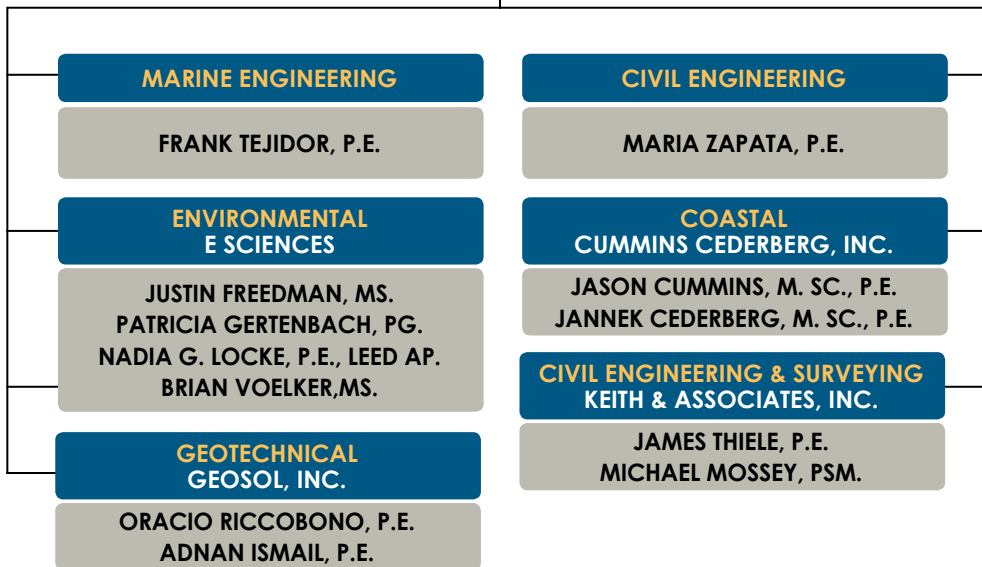
TEAM ORGANIZATION



**BERMELLO AJAMIL & PARTNERS, INC.**  
PRIME CONSULTANT

**LUIS AJAMIL, P.E.**  
Principal in Charge

**FRANK TEJIDOR, P.E.**  
Project Manager



**Luis Ajamil, P.E.**

President, CEO

**Professional Experience**

Luis Ajamil is President and CEO of Bermello Ajamil & Partners, Inc., an award-winning international multidisciplinary design firm. Under his leadership, B&A has expanded its worldwide presence to become one of the preeminent firms in its field. A consummate visionary who believes in providing service on a global scale, Mr. Ajamil strategically expanded operations to include B&A offices across the United States from Florida to California. Mr. Ajamil is a Planner and a Professional Engineer with an impressive portfolio of innovative master planning projects for Maritime, Municipal, and Transportation clients. Long recognized as a national and international expert in the Maritime field, Mr. Ajamil has served as keynote speaker and panelist at many conferences all around the world.

**MARINA EXPERIENCE**

**Bahia Mar Marina, Fort Lauderdale, Florida** - Principal in Charge. Redesign of an existing marina. The new design specifically addressed an increase in the size of marina slips to accommodate the latest generation of mega yachts. It is the largest mega yacht marina in this region, capable of docking over 100 mega yachts up to 200 feet in length-over-all (LOA). The facility also serves as host to the international boat show and, as such, incorporates certain utility features that allow for easy adaptation for multiple functions. Piers and catwalks were specially designed with sufficient width and length to accommodate the large number of visitors to these annual events.

**South Pointe Marina, Miami Beach, Florida** - Master planning, permitting and design related to South Pointe Marina - the largest marina in the Southeastern United States. This 401-slip marina was planned to serve three (3) markets: a municipal marina, a yacht club, and a transient/hotel marina. Mr. Ajamil worked with a private corporation to finalize design. The marina is a fixed pier concrete precast design which includes certain innovative features such as Chattahoochee walking surface built in as part of the precast panels, and the first ever utility modules custom designed for a marina project. Pioneered use of integrated utility conduit system imbedded in the concrete precast panels.

**Sailfish Point Marina, Hutchinson Island, Florida** - Project Director for the conceptual design and permitting of the Sailfish Point Marina. This project is part of an upscale residential/resort golf course community by Mobil Land Development in Hutchinson Island, Florida. This 100-slip marina was built on an existing basin, and is a critical component of the yacht club of this magnificent project.

**Turnberry Isle Yacht Club, Aventura, Florida** - Project Manager. This project, part of the Aventura complex, involved three major condominium towers, yacht club, country club, and marina. Mr. Ajamil was responsible for the design of all land development programs including bulk heads, grading, drainage, paving, and utilities. Mr. Ajamil was also responsible for utility systems designed to serve the F1, F2, F3, F4 and F5 sites which provided for ten 28-story condominium towers. It included several master list stations to be dedicated back to the local utility company.

**Club Costa Baja Marina, La Paz, Baja California, Mexico** - Master planning and design development of a sports marina. The marina was integrated into the upland resort and residential areas and includes up to 250 slips, bulkheads and piers, inclusive of a fully equipped haul-out repair and security station. Other amenities included are a harbor master and chandlery. This sporting facility provides activities such as sport fishing, scuba diving and snorkeling.

**Ensenada Mega Yacht Center, Ensenada Mexico** - Master planning and design of a 220-slip marina which was built in conjunction with a major waterfront development including a retail village, cruise ship berth, hotel and residential components.

**Pardenbaai Yacht Basin, Oranjestad, Aruba** - Master planning, conceptual engineering and marina design for a public/private marina project in downtown Oranjestad, Aruba. Marina capacity was doubled to 85 slips, which were arranged more efficiently along the bulkheads. Users include private yachts up to 170 feet and commercial day tour boats.

**EDUCATION**

Bachelor of Science in  
Civil Engineering,  
University of Florida, 1972

**REGISTRATION**

Registered Engineer  
State of Florida, 1974  
Reg. No. 0018420

**PROFESSIONAL AFFILIATIONS**

Greater Miami Chamber  
of Commerce

Leadership Florida American  
Association of Port Authorities

Florida-Caribbean Cruise  
Association, Platinum Member

**Grove Isle Marina, Coconut Grove, Florida** - Project Designer for the initial phases of the 100 slip marina. This marina was in an ecological protected area and also included significant public participation from neighboring residents.

**Puerto Plata, Dominican Republic** - Project Director for the master plan, financial feasibility and market study for a marina on the north coast of the Dominican Republic in Puerto Plata. This project done for Infratur, an agency of the Dominican Central Bank under the auspices of the World Bank, was a cornerstone of the Puerto Plata tourism development project, and seeks to attract transient vessels moving between North Atlantic and the Lesser Antilles. The marina called for a unique fan-shaped figure arrangement that would give great diversification in vessel size that could be attracted to the harbor.

**Harry S. Truman Presidential Park, Key West, Florida** - Principal in Charge for a 23-acre waterfront master plan. The park incorporates a 50-foot-wide waterfront promenade, an open air amphitheater, a Turtle Rescue Hospital, a 15,000-SF event plaza with tent structure, a renovated Navy Generator Plant to be reused for a restaurant and historical museum, a dockmaster facility, an interactive water feature, exercise trail, outdoor zoological exhibits, a ferry terminal, a 60+ boat marina, fishing pier and a new recreation complex for the adjacent residential community of Bahama Village.

**Dubai Maritime City Marina, Dubai, UAE** - Principal in Charge. Master plan for a 1000-slip marina. In order to respond to both residential demand and out-of-area marina user access, market data was used to provide a general slip distribution program that distributed slips proportionately throughout the project. Subsequent to the marina master plan, B&A was contracted to carry out the construction documents for Phase I which included slips for vessels ranging in length-over-all (LOA) from 40 to 200 feet.

#### DREDGING EXPERIENCE

**Port of Miami Expansion, Florida** - Program Manager/ Project Director for the expansion of the Port. Mr. Ajamil developed the 1979 master plan that formed the basis for the Port's major Capital Program. In that capacity he was responsible for overall planning and design of most of the improvements of the \$250M expansion of the Port that involved 16 million cubic yards of dredging, 11 million cubic yards of fill, the creation of approximately 300 acres of new uplands, the creation of the South Atlantic's first modern container terminal. The project included the construction of 5-container terminals, including the acquisition of 10-gantry cranes. Simultaneously, the project also included the construction and reconstruction of the Port's cruise terminals, parking garages and transportation systems. Mr. Ajamil also provided the financial documentation necessary for the sale of bonds associated with the project.

**Port of Miami, Florida** - B&A prepared the master plan and subsequent design for a US \$1 billion expansion that included the largest container terminal in the South East United States, warehousing, and cruise facilities. Among the elements of the project included:

- 8 berth container terminal
- 12 Gantry cranes
- 14 million CM of dredging
- Landfill of approximately 200 ha

**The World Islands, Dubai, UAE**

**Mina Rashid, Dubai, UAE**

**Club Costa Baja Marina, La Paz, Baja California, Mexico**

**Ensenada Mega Yacht Center, Ensenada Mexico**

**Isla Mujeres Marina, Mexico**



## Francisco J. Tejidor, P.E.

Senior Associate, Project Manager

### Professional Design Experience

Frank Tejidor has over 30 years of experience in marine, geotechnical and civil engineering. Mr. Tejidor has successfully completed numerous marine engineering projects ranging from state-of-the-art marinas to cruise terminal piers and cargo wharfs for both domestic and international markets. He has been involved in projects with the foundation underpinning of historic buildings and multi-story buildings, installation monitoring and in-situ testing of pressure injected tiebacks, design of belled drilled shafts over deep compressible material, instrumented pile load test, and construction monitoring and field testing of a multi-story slurry wall. Mr. Tejidor has completed independent research and development of a computer program for the analysis of axial static pile capacity and dynamic driving resistance.

### MARINA EXPERIENCE

**Playa Mujeres Marina, Cancun, Mexico** - Marine Engineer for the design of the marina and associated development master plan. The resort includes a 174-slip full-service marina, with slips for mega-yachts. Design program included both landside and marina requirements. Under his direction, Mr. Tejidor's team a 200 plus slip marina with state of the art amenities. The marina was designed to accommodate mega-yachts. His efforts lead to a successful environmental permitting of the project.

**Costa Baja Marina, La Paz, Mexico** - Marine Engineer. Marina master plan and post design services. The marina is part of a high end marina residential community and destination resort including a 5 star boutique hotel. The marina was designed as a dual basin marina. The outer marina, reserved for mega-yachts, was created by extending a breakwater into the harbor. The inner basin marina, dredged from the uplands, was designed for medium size yachts with the intent to service the surrounding residential units.

**Harbourside Marina, Jupiter, Florida** - Marine Engineer for this marina and waterfront development. The marina design integrates with the master plan concept of an urban destination for both residential entertainment activities. Since the marina is situated in a very sensitive ecological environment, extensive efforts were made to minimize impacts to the environment while simultaneously focusing on functionality. Substantial reductions in the scope of the marina were made in order to comply with the requests of the regulatory agencies.

**Cypress Club Marina & Seawall, Fort Myers, Florida** - Project Manager. Designed the seawall and a unique pier/wave attenuator for this private marina. The marina was designed to accommodate a total of 64 small and medium-sized yachts.

**West Drive Community Waterfront Park Piers, North Bay Village, Florida** - Structural/Marine Engineer responsible for the design of the seawalls and the piers for this ½-acre waterfront park.

**Public Boat Ramps Engineering Project for the Florida Keys, Monroe County, Florida** - Project Engineer. Engineering design services for the repair and upgrades to six public boat ramp facilities in the Florida Keys. All of the boat ramps were showing disrepair, and many did not meet current design standards and criteria. Project included civil and structural engineering services, land surveying, geotechnical work, and environmental permits for the six boat ramps. The structural design of the ramps and the adjoining seawalls, and mooring facilities were design and permitted by Mr. Tejidor's team.

**Heart of Europe, The World, Dubai, UAE** - Marine Engineer. Assisted in the development of the Master Plan for development approval and develop the Marina(s) Concept Plan and Detail Plan. The Concept Plan was developed on the basis of six entrance marinas and two island marinas for a total slip count of 300 vessels.

**Dubai Maritime City Marina, Dubai, UAE** - Marine Engineer. Mr. Tejidor completed the concept design for a 120 slip marina at DMC including a floating breakwater dry stack facilities, and ferry terminal.

**Harry S. Truman Presidential Waterfront Park Marina, Key West, Florida**  
**Jasmine Gardens Island Marina, The World, Dubai, UAE**

### EDUCATION

Master of Science in Civil Engineering, Geotechnical Engineering, Purdue University, 1984

Bachelor of Science in Civil Engineering, University of Miami, 1979

### REGISTRATION

Professional Engineer, State of Florida - No. 38847

Professional Engineer, State of North Carolina

Professional Engineer, State of South Carolina

Professional Engineer, State of Alaska

### PROFESSIONAL AFFILIATIONS

International Society of Soil Mechanics and Foundation Engineering

American Society of Civil Engineers

Deep Foundations Institute

National Society of Professional Engineers

**Francisco J. Tejidor, P.E.**

Senior Associate, Project Manager

**DREDGING EXPERIENCE**

**Port Master Development Plan, Port of Miami, Florida** - Marine Engineer. As a general consultant to the Port, Mr. Tejidor participated in planning, design, construction, management, and financing of its \$750 million expansion. Project involved 16 million cubic yards of dredging. Mr. Tejidor was also responsible for the design of the wharf extension to the Port.

**Pier 12 Cruise Terminal, Brooklyn, New York** - Marine Engineer. Existing industrial pier and facility was upgraded to receive cruise lines with a renovated terminal and passenger bridge and gangways. Mr. Tejidor assisted in determining the design criteria and specifications for the passenger gangways and the channel dredging requirements to accommodate the cruise lines.

**The World, Dubai, UAE** - Marine Engineer. One of the most innovative land reclamation and development projects ever attempted. Envisioned as a series of 300 independent islands, approximating the shape of a Mercator projection of the world map, it is surrounded by a series of breakwaters and reefs. B&A is the Master Planner for the entire project; responsible for all planning and developmental guidance. As Marine Engineer, Mr. Tejidor assisted in developing the design criteria for the various islands and navigable channels.

**Club Costa Baja Marina, La Paz, Baja California, Mexico**  
**Ensenada Mega Yacht Center, Ensenada Mexico**  
**Isla Mujeres Marina, Mexico**

**SEAWALLS & BULKHEAD EXPERIENCE**

**Miami Circle Seawall Replacement, Miami, Florida** - Project Manager. Responsible for the design of the replacement of a deteriorating concrete seawall. The current seawall was in severe disrepair and required total replacement. Provided full marine civil engineering services for a new cantilever steel sheet pile seawall in 15 ft. of water. The new seawall was designed to be located within the existing seawall footprint.

**Onyx Seawall Replacement, Miami, Florida** - Project Manager, Provided marine/structural engineering for the design, permitting, and construction of the new seawall. Due to the condition of the existing seawall and its close proximity to other structures, the existing seawall was not removed but replaced with a cantilever steel sheet pile wall and concrete cap. Rip rap with a specified gradation was placed along the entire length of the wall.

**Grand Central, The World, Dubai, UAE** - Marine Engineer. Design of alternative bulkhead solutions for high cargo loading and seismic conditions. Innovative design solutions were proposed for the design of the bulkhead to anticipate port cargo handling cranes.

**Key Haven/SR 5 Seawall and Boat Ramp, Monroe County, Florida** - Project Manager for reconstruction of the boat ramp and associated access improvement on State Road 5/Overseas Highway. The reconstruction included a new concrete boat ramp, a bulkhead wall designed to resist erosion from consistent and repeatedly heavy wave action caused by a hurricane event, and a cantilevered retaining wall adjacent to US-1.

**Cruise Terminal 18, Port Everglades, Florida** - Marine Engineer. Port infrastructure evaluation and engineering to accommodate the Genesis class cruise ship. Extensive mooring analyses were performed to evaluate existing bollards and fenders. The results indicated the need for high capacity breasting and spring bollards. New fenders were designed to absorb the anticipated high impact energies and maintain the required offset distances for the existing cargo cranes. Design criteria was developed for mechanized passenger gangways using the existing cargo crane rails. Rails are to be used by both the cargo cranes and the passenger gangways. Redesign of the service vehicular circulation involving close coordination of utilities, paving and drainage, and lighting of the port apron and bulkhead.

**Maria Zapata, P.E.**

Senior Civil Engineer



Maria Zapata is an Engineering Professional with over 25 years of experience. Her accomplishments and leadership are in multi-million dollar projects involving strategic planning, design and construction management of civil infrastructure, urban developments and industrial facilities. Ms. Zapata's experience includes project management, project development, consulting, water resources, entitlements and land development for commercial, residential and industrial facilities; water and wastewater infrastructure; and road projects.

**RELEVANT EXPERIENCE**

**North Plantation Key Vacuum Sewer Improvements, IslaMorada, Village of Islands, Florida** - Senior Civil Engineer. Evaluation and design. Project consisted of the replacement and upsizing of approx. 7,385 LF of vacuum main system; including installation of piping, valve pits and appurtenances.

**Tomoka Golf Village, Ormond Beach, Florida** - Senior Civil Engineer. Design and permitting of a planned residential development "Tomoka Golf Village" including residential homes, condominiums, club house, tennis center, and associated infrastructure.

**Lowes, Homestead, Florida** - Senior Civil Engineer. Construction of 170,000 SF store in City of Homestead, FL including rezoning, site plan approval, re-platting, and design & permitting of stormwater, utilities, signal improvements, offsite roadways improvements and relocation of high tension transmission FPL line.

**Lowes, Kendall, Florida** - Senior Civil Engineer. Reconfiguration of an existing site for the construction of a 115,500 SF store including design and permitting of associated infrastructure replacement and improvements.

**SunTrust Banks, Various Locations throughout Florida** - Senior Civil Engineer. Planning, design and permitting of several 4,000 SF banks located in South Florida. Services included agency research, site plan approval, civil design, project permitting, site construction observation and certifications.

**Kohl's Department Store, Hialeah, Florida** - Senior Civil Engineer. Demolition of existing building and construction of a 104,800 SF (2 stories) store in existing shopping center in Hialeah, FL; including utility, stormwater improvements and parking reconfiguration.

**CVS Pharmacy, Florida** - Senior Civil Engineer. Construction of a 15,198 SF store including site plan approval, and design and permitting of associated infrastructure to serve site. Permitting included utilities, stormwater, FOOT, water use and dewatering permits.

**Fountain Square Shopping Center, Florida** - Senior Civil Engineer. 340,000 SF shopping center with major anchor stores including Target, Publix and 155 residential units; roadway improvements; water and sewer extensions, a 4 acre lake fill and lift station.

**EDUCATION**

Master of Business Administration, Kellogg School of Management, Northwestern University, Evanston, FL, 2011

Master of Science, Civil Engineering, University of Massachusetts, Amherst, MA, 1983

Bachelor of Science, Civil Engineering, University of Massachusetts, Amherst, MA, 1982

**REGISTRATIONS**

Registered Professional Engineer State of Florida

Registered Professional Engineer State of California

**PROFESSIONAL AFFILIATIONS**

Member of American Society of Civil Engineers

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> Justin Freedman, MS, CA, CLI	<b>13. ROLE IN THIS CONTRACT</b> Senior Scientist	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 12.2	b. WITH CURRENT FIRM 7.1
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> E Sciences, Incorporated, Fort Lauderdale, FL			
<b>16. EDUCATION</b> <i>(DEGREE AND SPECIALIZATION)</i> M.S., Marine Biology B.A., Biology		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(STATE AND DISCIPLINE)</i> N/A	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> PADI Advanced Open Water, Enriched Air Certified Diver; Certified Erosion and Sediment Control Instructor, FDEP; Certified Manatee Observer, FWC; Certified Species Observer, NOAA; Certified Arborist, International Society of Arboriculture FL5488A; Certified Landscape Inspector, Landscape Inspector Association of Florida; FDOT Prequalified Noise Specialist (NHI Highway Traffic Noise Course, 2012); Certified Green Industries Best Management Practices Instructor (FDEP, UF-IFAS); Certified in Advanced Maintenance of Traffic			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	<b>Bellsouth/AT&amp;T Benthic Resources Survey and Permitting for Placing Conduit Under Bear Cut Bridge, Miami Dade County, FL</b>	2008 - 2009	N/A
a.	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> E Sciences provided environmental assessment and permitting support for the design engineers working for Bellsouth/AT&T on this project. The corridor is approximately 2,550 linear feet located along the ocean side of the Bear Cut Bridge of the Rickenbacker Causeway in Miami-Dade County, Florida. Services included ecological assessment, permitting support and associated agency coordination for the state environmental resource permit required for this project. Mr. Freedman provided field data collection and reporting support. Budget/Fees: \$13,500		
	<b>City of Fort Lauderdale Continuing Contract for General Environmental Services, Fort Lauderdale, Broward County, FL</b>	2008 – Ongoing	N/A
b.	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Mr. Freedman conducted surveys and permitting for burrowing owl and gopher tortoise relocation at the Fort Lauderdale Executive Airport. He also provides ongoing technical support for environmental issues related to environmental permitting and other projects conducted for the City of Fort Lauderdale. Budget/Fees: \$260,300		
	<b>City of Fort Lauderdale Benthic Surveys Fort Lauderdale, Broward County, Florida</b>	2013	N/A
c.	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> E Sciences was awarded a contract with the City of Fort Lauderdale (City) to provide on-going environmental engineering support during two separate consultant selection processes. Under this contract, E Sciences conducted benthic resources surveys to support dredging projects in two City-maintained waterways. Mr. Freedman provided project management for this project. Budget/Fees: \$3,674		
	<b>Sullivan Park Improvements Permitting, City of Deerfield Beach, FL</b>	2008-2013	N/A
d.	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> The City of Deerfield Beach CRA received grant funding to improve its Sullivan Park property located on the Intracoastal Waterway. Improvements include upland features (i.e. new bathroom facilities, a splash park, landscaping, etc.) and in-water infrastructure including a marginal dock for kayaking and paddle boarding and finger piers for boats. E Sciences was engaged by the project design firm Bermejo Ajamil to provide permitting support. E Sciences' services include conducting a benthic resource survey, coordinating with the permitting agencies and preparing permit applications. Mr. Freedman serves as project manager for this project. Budget/Fees: \$6,500		
	<b>Deep Dredge Environmental Monitoring / Biological Diving Services Miami-Dade County, FL</b>	2014 – Ongoing	N/A
e.	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> E Sciences, as a subconsultant, is providing monitoring services to the PortMiami related to the Miami Harbor Deepening Project. E Sciences' diver/marine biologists have worked as part of a five-person team conducting biological monitoring of <i>Acropora cervicornis</i> that were relocated in association with the Dredge Project. Mr. Freedman provided project management for this project. Budget/Fees: \$20,040		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> Patricia L. Gertenbach, P.G.	<b>13. ROLE IN THIS CONTRACT</b> Senior Geologist	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 22.7	b. WITH CURRENT FIRM 12.4

**15. FIRM NAME AND LOCATION** *(City and State)*  
**E Sciences, Incorporated, Fort Lauderdale, FL**

**16. EDUCATION** *(DEGREE AND SPECIALIZATION)*  
B.S., Geology

**17. CURRENT PROFESSIONAL REGISTRATION** *(STATE AND DISCIPLINE)*  
Professional Geologist: FL-2037, GA-1444

**18. OTHER PROFESSIONAL QUALIFICATIONS** *(Publications, Organizations, Training, Awards, etc.)*  
PADI – Advanced Open Water Diver; FWC Certified Manatee Observer; Hydric Soils Workshop; SFWMD UMAM Workshop; USACE Wetlands Delineation and Management Training; OSHA 40 Hour HAZWOPER/8 Hour Site Supervisor; Certified FDEP Stormwater, Erosion and Sedimentation Control Inspector and Instructor

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>City of Fort Lauderdale Continuing Contract for General Environmental Services, Fort Lauderdale, Broward County, FL</b>	2008 – Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm E Sciences provides ongoing consulting contract to conduct miscellaneous environmental services for the City of Fort Lauderdale Services conducted to date include: Environmental reviews to comply with HUD lending requirements; Phase I and II ESAs; contamination assessment services; development of construction documents for working in contaminated areas; endangered species surveys; burrowing owl permitting and relocation; and grant writing. Ms. Gertenbach provides senior technical support for this contract. <i>Budget/Fees: \$260,300</i>		
b.	<b>Deep Dredge Environmental Monitoring / Biological Diving Services Miami-Dade County, Florida</b>	2014 – Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm E Sciences, as a subconsultant, is providing monitoring services to the Port of Miami related to the Miami Harbor Deepening Project. Ms. Gertenbach is providing quality assurance and technical support. <i>Budget/Fees: \$20,040</i>		
c.	<b>CSX Benthic Resources Survey and Barge Staging Plan City of Fort Lauderdale, Florida</b>	2013	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm E Sciences, as a sub-consultant, provided ecological services for FDOT. During the PD&E phase for the CSX Bridge replacement, FDOT committed to update its previous seagrass surveys prior to construction and provide guidance to the contractor regarding avoidance of regulated resources. The E Sciences Team conducted a benthic resources survey at the CSX Bridge over the New River Canal to confirm/update FDOT's existing documentation of the location of regulated benthic resources (i.e. seagrasses, corals) within the footprint of a construction project that commenced in September 2013. E Sciences provided FDOT with a Barge Staging Plan that depicted locations of seagrasses and/or other regulated resources in the area. This information was used by FDOT and the contractor to identify areas to avoid for barge staging. A summary of these findings was presented to FDOT in a letter report. Ms. Gertenbach was the Project Manager for this project. <i>Budget/Fees: \$5,192</i>		
d.	<b>City of Miami Beach Fleet Management Benthic Survey and Environmental Permitting Miami Beach, Miami-Dade County, Florida</b>	2012	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As a subconsultant to Bermello Ajamil and Partners, E Sciences conducted benthic surveys in support of the design and permitting for seawall rehabilitation at the City of Miami Beach's Fleet Management facility. This 200-foot seawall is located in the Government Cut at the City's vehicle maintenance facility. The proposed seawall was designed as a cantilevered wall. E Sciences also obtained a Class I Coastal Construction Permit from Miami-Dade County Department of Environmental Resources Management and submitted a Joint Application for Environmental Resource Permit to satisfy the state and federal agencies. Ms. Gertenbach provided quality assurance and technical support. <i>Budget/Fees: \$22,050</i>		
e.	<b>Bellsouth/AT&amp;T Benthic Resources Survey and Permitting for Placing Conduit Under Bear Cut Bridge Miami, Miami-Dade County, Florida</b>	2009	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sciences provided environmental assessment and permitting support for the design engineers working for Bellsouth/AT&T on this project. The corridor is approximately 2,550 linear feet located along the ocean side of the Bear Cut Bridge of the Rickenbacker Causeway in Miami-Dade County, Florida. Services included ecological assessment, permitting support and associated agency coordination for the state environmental resource permit required for this project. Ms. Gertenbach provided quality assurance and technical support. <i>Budget/Fees: \$13,500</i>		



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> Nadia G. Locke, P.E., LEED AP		<b>13. ROLE IN THIS CONTRACT</b> Project Manager/Senior Engineer		<b>14. YEARS EXPERIENCE</b>	
				a. TOTAL 26.4	b. WITH CURRENT FIRM 12.4
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>E Sciences, Incorporated, Fort Lauderdale, FL</b>					
<b>16. EDUCATION</b> <i>(DEGREE AND SPECIALIZATION)</i> B.S., Materials Science and Engineering			<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL-58676		
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> LEED AP Neighborhood Development; Certified FDEP Stormwater, Erosion and Sedimentation Control Inspector #3263 and Instructor #130 OSHA 40 Hour HAZWOPER / 8 Hour Site Supervisor; NAUI/PADI Advanced Open Water Diver					

**19. RELEVANT PROJECTS**

	1) TITLE AND LOCATION <i>(City and State)</i>	2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>City of Fort Lauderdale Continuing Contract for General Environmental Services, Fort Lauderdale, Broward County, FL</b>	2008 – Ongoing	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <span style="float:right"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Ms. Locke is the contract manager for an ongoing consulting contract to conduct miscellaneous environmental services for the City of Fort Lauderdale. Services conducted to date include emergency response during construction of a fire station; environmental reviews to comply with HUD lending requirements; Phase I and II ESAs / Opinion of post landfill closure costs; contamination assessment services; asbestos surveys; development of construction documents for working in contaminated areas; endangered species surveys; burrowing owl permitting and relocation; and indoor air quality surveys. <b>Benthic Surveys</b> – E Sciences conducted benthic surveys a multiple canals in preparation for dredging projects. The reports were used to assist the City with obtaining permits. <b>Sistrunk Boulevard Streetscape Enhancement</b> – Originally slated as a stimulus project where funds were being disbursed through the FDOT District Four, Ms. Locke conducted a Level 2 assessment of a 1.5-mile corridor streetscape enhancement project located in the heart of the CRA. Data was compiled and reported, and environmental notes/bid specification language was developed for bidding purposes. Ms. Locke also engaged the CRA in avoidance and minimization considerations and assisted the CRA with managing risks associated with environmental issues during construction. <b>Pre-Demolition Asbestos Surveys for Low Level Bridges</b> – Ms. Locke was the project manager for asbestos surveys on three bridges in Fort Lauderdale. The survey scope and reports were coordinated with FDOT District Four PL&EM Department staff in order to satisfy FDOT requirements and project needs, as FDOT was providing funding for the demolition and reconstruction of these bridges. <i>Budget/Fees: \$260,300</i>		
b.	<b>City of Miami Beach Fleet Management Benthic Survey and Environmental Permitting Miami Beach, Miami-Dade County, Florida</b>	2011 – Ongoing	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <span style="float:right"><input checked="" type="checkbox"/> Check if project performed with current firm</span> As a subconsultant to Bermello Ajamil and Partners, E Sciences conducted benthic surveys in support of the design and permitting for seawall rehabilitation at the City of Miami Beach's Fleet Management facility. This 200-foot seawall is located in the Government Cut at the City's vehicle maintenance facility. The proposed seawall was designed as a cantilevered wall. E Sciences also obtained a Class I Coastal Construction Permit from Miami-Dade County Department of Environmental Resources Management and submitted a Joint Application for Environmental Resource Permit to satisfy the state and federal agencies. Ms. Nadia Locke provided project management. <i>Budget/Fees: \$22,050</i>		
c.	<b>Pompano Beach Community Redevelopment Agency Continuing Contract for Environmental Engineering Services, Pompano Beach, Broward County, FL</b>	2010 – Ongoing	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <span style="float:right"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Ms. Locke is the contract manager for E Sciences' continuing services contract with the Pompano Beach CRA. Through this contract, E Sciences has conducted Phase I and II ESAs for several parcels in preparation for the CRA's redevelopment planning. Ms. Locke is working with the CRA to consider options on how to safely manage the identified contamination during the planning stages. Several of these properties are located along Martin Luther King, Jr. Boulevard, West Atlantic Avenue and North Dixie Highway. <b>Community Gardens</b> – E Sciences recently evaluated the suitability of three vacant, CRA-owned parcels for use as community gardens for the local school. The community gardens will be used to teach children about agriculture and healthy food choices. Vegetables grown on these lots will be used to provide fresh vegetables for families and children in the community. <b>Broward Community &amp; Family Health Center</b> – E Sciences prepared Environmental Information and Documentation to satisfy Health Resources and Services Administration grant application requirements. The project was conducted to support the potential redevelopment of CRA parcels with a much needed community health care facility. The documentation was required for the grant applicant to comply with NEPA. <i>Budget/Fees: \$129,395</i>		
d.	<b>Environmental Engineering Services Islamorada, Village of Islands, Monroe County, Florida</b>	2002 – Ongoing	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <span style="float:right"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Ms. Locke provides a range of environmental engineering services for the Village. This has included conducting reviews of designs of stormwater management systems for proposed development projects for compliance with local codes and state regulations, development and administration of advertising, selecting and contracting with their wastewater operator, conducting a wastewater treatment alternatives analysis and participation in numerous public meetings. <i>Budget/Fees: \$1,090,832</i>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> Brian Voelker, MS	<b>13. ROLE IN THIS CONTRACT</b> Project Scientist	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 18	b. WITH CURRENT FIRM 2
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>E Sciences, Incorporated, Fort Lauderdale, FL</b>			
<b>16. EDUCATION</b> <i>(DEGREE AND SPECIALIZATION)</i> MS, Coastal Zone Management / Marine Biology, Nova Southeastern University, 2000; BS, Environmental Studies, State University of New York, 1996		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(STATE AND DISCIPLINE)</i>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> ISA Certified Arborist FL-5378A; ISA Tree Risk Assessment Qualification; LIAF Certified Landscape Inspector #2012-125; SWS Professional Wetland Scientist #1355; PADI Certified Rescue Diver #43561; FDEP Certified Stormwater Erosion and Sedimentation Control Inspector #29437			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>City of Fort Lauderdale Continuing Contract for General Environmental Services, Fort Lauderdale, Broward County, FL</b>	2008 – Ongoing	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> Benthic Surveys for Sylvan Lake Canal & Seminole River Canal: E Sciences conducted benthic resources surveys to support dredging projects in two City-maintained waterways. Mr. Voelker snorkeled each site to observe the presence of regulated benthic resources (i.e. seagrasses, corals, etc.) He assisted with the report needed for the permit applications. <i>Budget/Fees: \$3,674</i>		
b.	<b>Deep Dredge Environmental Monitoring / Biological Diving Services , Port of Miami, Miami-Dade County, FL</b>	2014-Ongoing	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> E Sciences, as a subconsultant, is providing monitoring services to the Port of Miami related to the Miami Harbor Deepening Project. These services consist of the following general tasks: monitoring of relocated Acropora corals which involves referencing colonies, relocation corals, monitoring reports and success evaluation; monitoring of both high and low relief mitigation sites to account for colonization and biological success; monitoring of seagrass mitigation site, which involves initial short shoot counts, visual percent coverage, permanent transects after coalescence, monitoring reports and success evaluation. To date, Mr. Voelker has provided scuba diving support for coral monitoring on this project. <i>Budget/Fees: \$20,040</i>		
c.	<b>Sullivan Park Improvements Permitting, City of Deerfield Beach, FL</b>	2008-2013	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> The City of Deerfield Beach CRA received grant funding to improve its Sullivan Park property located on the Intracoastal Waterway. Improvements include upland features (i.e. new bathroom facilities, a splash park, landscaping, etc.) and in-water infrastructure including a marginal dock for kayaking and paddle boarding and finger piers for boats. E Sciences was engaged by the project design firm Bermejo Ajamil to provide permitting support. E Sciences' services include conducting a benthic resource survey, coordinating with the permitting agencies and preparing permit applications. Mr. Voelker assisted with preparation of the permit applications. <i>Budget/Fees: \$6,500</i>		
d.	<b>CSX Benthic Resources Survey and Barge Staging Plan City of Fort Lauderdale, FL</b>	2013	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> The E Sciences Team conducted a benthic resources survey at the CSX Bridge over the New River Canal to confirm/update FDOT's existing documentation of the location of regulated benthic resources (i.e. seagrasses, corals) within the footprint of a construction project that commenced in September 2013. E Sciences provided FDOT with a Barge Staging Plan that depicted locations of seagrasses and/or other regulated resources in the area. This information was used by FDOT and the contractor to identify areas to avoid for barge staging. A summary of these findings was presented to FDOT in a letter report. Mr. Voelker's assisted with the benthic resources survey. <i>Budget/Fees: \$5,192</i>		
e.	<b>City of Fort Lauderdale Benthic Surveys Fort Lauderdale, Broward County, Florida</b>	2013	N/A
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> <b>Check if project performed with current firm</b> E Sciences was awarded a contract with the City of Fort Lauderdale (City) to provide on-going environmental engineering support during two separate consultant selection processes. Under this contract, E Sciences conducted benthic resources surveys to support dredging projects in two City-maintained waterways. Mr. Voelker assisted with the benthic resources survey. <i>Budget/Fees: \$3,674</i>		

**TRACI R. SCHEPPSKE, CGC, CM-BIM, LEED AP**

Vice President

**Experience Highlights**

More than 28 years of owner's rep, project management, and design experience

Expertise in overseeing all aspects of engineering design, permitting and construction for governmental and private sector projects.

**Registration**

State of Florida, Certified General Contractor # 1516581

**Education**

A.S., Architecture and Engineering Design, Catonsville Community College, Catonsville, MD, 1988.

**Professional Training/Seminars**

Certification of Management  
Building Information Modeling  
CM-BIM

Green Building Certification  
Institute LEED Accredited  
Professional

Strategies for success in LEED and  
Urban Heat Island Effect

Environmental Resource  
Protection - Design/Permitting  
seminar, South Florida Water  
Management District.

**Professional/Civic Affiliations**

South Florida Water Management  
District Regulatory Peer Review  
Forum (Participant)

Advent Lutheran Church (Church  
Council former Deacon Chair)

Traci Scheppske has more than 28 years of Owners Rep, Project Management and Design experience with land development firms. As Senior Engineering Manager she has provided complete project services overseeing all aspects of the Engineering design, permitting and construction for multiple projects for both commercial and residential developments. Her responsibilities include engineering design, and complete project management for land development projects with emphasis on site development, water distribution, sanitary sewer, drainage and roadway design. In addition to cost estimating, quantity take-offs, and bid evaluations she has extensive experience with project scheduling and coordination for design and construction. She regularly coordinates efforts for utility service/relocation with FPL, Bellsouth/AT&T Cable, gas etc., as well as, various disciplines such as Planning, Surveying, Architectural, Landscaping, and Construction. Her work has included all aspects of project management, design, and permitting and construction coordination for projects extending from Palm Beach County to the Florida Keys.

**PROJECT EXPERIENCE****731 Hammondville Road (Martin Luther King Boulevard) Parking Lot, Pompano Beach, FL:**

The City of Pompano Beach is currently in the process of resurfacing the existing parking lot adjacent to the City's Community Redevelopment Agency (CRA) property. Keith and Associates is responsible for Civil Engineering Design, Surveying and Platting services for the following unified site comprised of the following land parcels: 731 Hammondville Road (Martin Luther King Boulevard); Raywood Park; and the unimproved NW 7th Terrace right-of-way.

**Old Pompano Area, Water and Sewer Improvements for Future Development Restaurants, etc. (Flagler Ave NE 1st Street, Alleyway), Pompano Beach, FL:**

K&A provided professional services associated with Design, Permitting, Bid Assistance, and Construction Observation for Certification services for proposed water and sanitary sewer improvements in the area near the northeast corner of Flagler Avenue and NE 1st Avenue including the existing alley behind the Bailey building within the City of Pompano Beach.

**Pompano Beach Public Golf Course Renovations, Pompano Beach, FL:**

Keith and Associates provided engineering and surveying services for the renovations to this public golf course in Pompano Beach.

**Pompano Beach Downtown Connectivity Plan, Phase 1 & 2:**

(Phase 1) Keith and Associates is responsible for performing an area wide study of the Northwest CRA existing infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. K&A prepared an assessment of the existing facilities and provided recommendations on suitability of the CRA's proposed land use. (Phase 2) Based on the approved Connectivity Plan as provided by the Pompano Beach CRA, the proposed improvements are to include pedestrian friendly streetscape with landscape/hardscape beautification features along MLK Blvd and in the Old Pompano Downtown; including special pavement materials, pedestrian lighting and roadway, streetscape furnishings, utility adjustments and drainage and roadway improvements.

**JAMES A. THIELE, P.E.**  
Director of Engineering



**Experience Highlights**

More than 36 years of experience in the field of land development engineering design and management projects

Expertise in engineering, planning, design, permitting and construction phase services

**Education**

Bachelor of Science Civil Engineering, 1978  
University of Miami

**Professional Registration**

State of Florida  
Professional Engineer, #33256

Commonwealth of Pennsylvania  
Professional Engineer, #53735

State of New York  
Professional Engineer,  
Inactive #75498

State of South Carolina  
Professional Engineer,  
Inactive

Mr. Thiele has over 36 years of experience in performing Land Development Civil Engineering. His experience includes all aspects of site planning, grading and drainage, sanitary sewer collection, water distribution system design and construction supervision services.

**PROJECT EXPERIENCE**

**Tradewinds Park, Coconut Creek, FL:** Mr. Thiele served as Project Engineer, and was responsible for complete civil engineering design, permitting, construction inspection and certification services for the redevelopment of the existing park facilities including the relocation of the baseball fields and concession area, soccer fields, seating area, proposed pavilion for Broward County Parks and Recreation. The scope of work included water distribution, sanitary sewer, drainage, grading, pavement marking and signage, surface water pollution prevention and ADA compliance design, plans and permits. Since the water and sewer services within the park are provided by the City of Coconut Creek, Keith and Associates, Inc. performed capacity analysis for both systems to ensure they would be capable of providing acceptable service. In addition, Keith and Associates, Inc. assisted Broward County Parks and Recreation Division to process water and sewer agreements with the City of Coconut Creek.

**Fire Station #14, Miami, FL:** The design of a 10,000 SF, two-story fire rescue facility on a portion of a City park. Keith and Associates is tasked with providing complete engineering services, permitting, CEI services, landscape architecture, and surveying services.

**Nova Southeastern University, Stormwater Master Plan, Broward County, FL:** Keith and Associates is serving as the project engineers for the proposed master drainage improvements of the central campus area, a +/- 75 acres site which is a part of larger study area that will be accomplished in multiple phases. Mr. Thiele is responsible for the drainage study and design of the existing and proposed stormwater facilities; to provide solutions to future impacts to the existing stormwater facilities, prepare required engineering reports, permitting coordination and development of construction plans and specifications.

**Fort Lauderdale-Hollywood International Airport (FLL):**

– **Northern and Ravenswood Drainage Study:** (Sub-Consultant to RS&H) With the construction of the new runway and decommissioning of the Westerly runway the County is interested in developing an area of the vacated land of the Westerly runway into commercial lease parcels. In order to consider this the overall drainage system of the Northerly runway needed to be evaluated with a proposed connection under I-95 to County owned property on the West side of I-95. Keith and Associates performed hydraulic calculations, considered viable options in construction of such an interconnection and developed a detailed report with cost estimates of the various options to route and manage the existing and proposed storm-water run-off.

**Pioneer Park Improvements, Deerfield Beach, FL:** As part of our continuing contract with the City of Deerfield Beach, Keith and Associates provided civil engineering design and permitting services for the Pioneer Park Improvements, which include the redesign of the upland portion of the boat ramps, access drive isles and boat/trailer parking areas; design of the retaining wall along the access drive isles to maintain 2% cross slope to boat ramp; and the design for the utility (water and sewer) stub outs for the proposed restroom building.

**Pompano Beach Chiller Plant, Pompano Beach, FL:** The project included a 750 square foot chiller plant building and cooling tower yard for Pompano Beach City Hall. The new chiller plant will provide energy efficient air-conditioning to City Hall and the Commission Chambers while reducing energy costs to the City. The impacted area around the proposed chiller plant increased the entire site pervious area by 619 square feet and also required the elimination of four parking spaces. Keith and Associates provided Planning, Civil, Survey and SUE services including layout and processing of the site plan, utilities design and permitting through all agencies having jurisdiction.

**MICHAEL MOSSEY, P.S.M.**

Senior Project Surveyor

**Experience Highlights**

*Over 33 years of experience in land surveying and mapping in South Florida*

**Education**

*Maryville College,  
Maryville, Tennessee*

**Professional Registration**

*Professional Surveyor &  
Mapper, Florida (#5660)  
07-06-96*

**Professional Affiliations**

*Florida Society of Professional  
Surveyors & Mappers*

*Secretary, Broward Chapter,  
FSMS, 1999-2000 and 2000-*

Mr. Mossey has 33 years of experience in land surveying and mapping in South Florida. He has performed construction, right of way, control, ALTA, boundary, as-built and topographic (both acreage and coastal) surveys. He has extensive Project Management experience for large-scale projects and continuing service type contracts for both public and private sector clients. He is knowledgeable in the use of a wide range of state-of-the-art surveying equipment and associated computer technologies. He has extensive experience in field crew supervision, quality control and client relations.

**SELECTED PROJECT EXPERIENCE**

**Pompano Beach GIS Mapping Services Pilot Project, Pompano Beach, FL:** Keith and Associates was tasked to locate all water meters and valves, sanitary manholes and cleanouts, and storm drainage inlet structures and manholes with at least sub-meter grade GPS (Global Positioning System). The general limits of the project are from McNab Road (SE 15th Street) to the southerly edge of water of Lettuce Lake (just North of SE 8th Street) and from the easterly right-of-way of Federal Highway to the westerly edge of water of the Intracoastal Waterway. Mr. Mossey served as Senior Project Surveyor for this GIS project and is currently working in this geographic area and progress up to 1,550 data points. Once completed, K&A will edit the files by moving the existing utilities, including any pipes, services or laterals that connect to the structure, to the true, GPS-verified location. The attribute data attached to each utility will remain unchanged.

**Broward County Water & Wastewater Services (WWS) GPS/GIS Project:** The goal of this 18-month project was to obtain sub-meter accurate NAD83 HARN state plane coordinates for the WWS' surface visible features and to populate the WWS GIS shapefiles with the pertinent utility survey information. Mr. Mossey served as the Senior Project Surveyor for this utility location project. Keith and Associates utilized WWS' existing GIS database to determine where the 17,000 existing utilities should be located. Survey crews were then tasked with locating these utilities and any other WWS utility in the UAZ, with survey-grade GPS (Geographic Positioning System) receivers. These surveyed positions were then used to update WWS' GIS database. The end result is a GIS database that contains the location of every WWS utility within a tenth of a foot of their "real-world" location.

**I-595 Segment C – Zones 4, 5 & 6:** Mr. Mossey serves as the Project Surveyor for Keith & Associates, providing surveying services for Broward County Project No. 86095 – State Road No. 862 (I-595) as a Sub-Consultant to Bergeron Land Development, Inc. These services include the layout and as-built of the underground utilities and above ground improvements, also the layout and as-built for the construction of the new roadways within the project. Approximately 15,800 linear feet of fire suppression lines, approximately 676 drainage structures and approximately 4.0 miles of roadway.

**A-1-A / S.R. 814 Atlantic Boulevard, Pompano Beach CRA:** As Survey Project Manager, Mr. Mossey prepared extensive Topographic Design Surveys for this Pompano Beach CRA roadway improvement project. Project included design and right-of-way survey as well as a FDEP Coastal Topographic Survey required for design and permitting of coastal roadways, pedestrian walkways, and beach and dune beautification improvements. Concept includes reconstruction of roadway, water, sewer and drainage, streetscapes and beautifications.

**Pompano Beach Boulevard Streetscape:** Mr. Mossey was responsible for the Coastal Hydrographic and Topographic Surveys for Florida Department of Environmental Protection (FDEP) Permitting for the design and construction of the roadway and pedestrian pathways adjacent to the beachfront. The project was situated seaward of the Coastal Construction Control Line therefore the design required extensive hydrographic and topographic survey in accordance with the requirements of the Florida Department of Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081.

**CUMMINS | CEDERBERG**  
Coastal & Marine Engineering

**JASON CUMMINS, M. SC., P.E.**

**Principal**

Mr. Cummins, Principal and co-founder of Cummins | Cederberg, is a Coastal Engineer by trade with significant experience in the planning, engineering design and environmental permitting of coastal and waterfront development projects in Florida, the Caribbean and Central America.

Mr. Cummins is a registered Professional Engineer in the United States with experience ranging from inception to construction, including: field investigations, inspections, feasibility studies, marine resources, regulatory permitting, cost estimates, comprehensive coastal engineering analyses, numerical modeling, engineering design, construction drawings, technical specifications and construction oversight. Mr. Cummins has designed shoreline stabilization and coastal structures including steel sheet pile walls, fixed and floating docks, breakwaters, groins, jetties, and wave attenuators.

Mr. Cummins is proficient in the application of numerical models, including the Danish Hydraulics Institute (DHI) MIKE-21 suite of numerical modeling tools, to simulate coastal processes including tidal hydrodynamics, wave propagation, sediment transport, hurricanes and storm surge. He has applied these tools to simulate potential hurricane impacts and wave propagation to develop coastal design criteria for proposed coastal developments. Additionally, Mr. Cummins is experienced with structural analysis tools, such as CWALSHT and RAM Elements, along with applicable Federal, State and local design codes.

**EDUCATION**

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

B.S. Civil and Coastal Engineering,  
University of Florida

**LICENSURE**

Professional Engineer, FL

**PROFESSIONAL AFFILIATIONS**

Urban Land Institute

American Institute of Architects

South Florida Association of Environmental Professionals

American Society of Civil Engineers

**CERTIFICATION**

SCUBA

**PUBLICATIONS**

"Improving Rip Current Forecasting Techniques for the East Coast of Florida",  
Jason Cummins, M. Sc.

**Representative Project Experience**

**Hillsboro Inlet Channel Improvements, Broward County, Florida**

**CLIENT:** Hillsboro Inlet District

Engineering design and construction administration for 8k ton artificial reef mitigation for 165,000 cubic yard inlet-dredging project to improve coastal sediment bypassing and navigation. Site engineering support for minor repairs to north jetty rock structure. Inspection of south jetty rock crib structure, and recommendations for repair.

**Vizcaya Museum & Garden, Miami, Florida**

**CLIENT:** Vizcaya Museum & Garden

Site plan for storm surge protection wall and environmental wetland restoration. 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.

**Sunset Harbour Yacht Club, Miami Beach, Florida**

**CLIENT:** Sunset Harbour Yacht Club

Above and below water inspection of existing concrete dock structure components. Engineering design and environmental permitting of dock repairs based on inspection findings, including cracks, spalling, and deck slab replacement. Coastal and structural feasibility analyses of potential wave attenuator improvements to achieve acceptable wave conditions within marina.

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**CUMMINS | CEDERBERG**  
Coastal & Marine Engineering

**JANNEK CEDERBERG, M. SC., P.E.**

**Principal**

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

Mr. Cederberg has extensive experience in planning, designing and permitting coastal and marine development projects with an emphasis on achieving a waterfront experience characterized by a strong connectivity between the water and upland environment. Mr. Cederberg is formally trained as a coastal engineer from the Technical University of Denmark with more than ten years of experience in marine field investigations, hydrodynamics, linear and nonlinear wave dynamics, sediment transport, hurricanes, numerical modeling, coastal structure design and environmental permitting. He is a registered professional engineer in the United States and has completed engineering analyses, designs and permitting for a variety of shore protection, beach nourishment, river, cruise-ship, marina and waterfront projects throughout Florida, the Caribbean and Central America. He has prepared construction plans and specifications for shore protection works including jetties, beaches, groynes, revetments, breakwaters, bulkheads and marinas. Additionally, Mr. Cederberg has been selected to participate in several expert groups to develop industry guidelines.

Prior to founding Cummins | Cederberg, Mr. Cederberg was employed by medium sized engineering consulting firm in South Florida for seven years – the last three as Head of the Engineering Department. He has also worked for two consulting engineering firms in Denmark, in their Marine and Foundation Engineering Department and Port and Hydraulic Division, respectively.

**Representative Project Experience**

**Maranu Luxe Bungalow and Spa Resort, Marathon**

**CLIENT:** Earthmark Companies

Coastal engineering analysis of resort exposed to flooding. Design waves and flood conditions were established. Scour analysis was conducted relative to piles and vertical walls. FEMA criteria evaluated and analyses conducted to meet FEMA standards.

**Fort Zachary Taylor State Park, Key West, Florida**

**CLIENT:** DEP State Parks

Above and below water inspection of breakwaters, terminal groin, as well as topographic survey to accurately identify rock displacement and settlement. Coastal engineering design and environmental permitting for truck-haul beach fill project. Construction administration of beach project.

**EDUCATION**

M. Sc. Coastal Engineering, Technical University of Denmark

**LICENSURE**

Professional Engineering, FL

**PROFESSIONAL AFFILIATIONS**

Permanent International Association of Navigation Congresses (PIANC) since 2003

Member of PIANC Working Group 134 – "Design and Operational Guidelines for Superyacht Facilities"

Member of PIANC Working Group 149 – "Guidelines for Marina Design"

Danish Society of Hydraulic Engineering

Urban Land Institute

South Florida Association of Environmental Professionals

American Institute of Architects

American Society of Civil Engineers

**PUBLICATIONS**

"Numerical Modeling of Non-Linear Waves using the Multigrid Method", Jannek Cederberg, M. Sc. And Patrick Grode, M. Sc.

"Miami-Dade Morphological Changes at the 32<sup>nd</sup> Street Breakwater Project," Jannek Cederberg, M. Sc., R.H. Sasso, P.E., and Brian Flynn, Proceedings of the 2005 National Conference on Beach Preservation Technology

**ORACIO RICCOBONO, PE**

<b>POSITION</b>	<b>PROFESSIONAL EXPERIENCE</b>
Sr. Geotechnical Engineer	Mr. Riccobono has 28 years of experience and has worked on numerous medium to large geotechnical engineering projects for the public sector, both, domestically and overseas. His expertise includes subsurface explorations, laboratory studies, geotechnical design, analyses and recommendations related to the design and construction of foundation elements of numerous transportation projects, for highway, railroad, marine and airport facilities. He has served as Senior Geotechnical Engineer for FDOT and MDX projects on following projects:
<b>EDUCATION</b> Master in Business Administration, Florida International University, 2000	<b>Districtwide and Areawide Geotechnical &amp; Materials Testing Contracts, FDOT Districts 4 and 6</b> - Project Manager/Senior Geotechnical Engineer responsible for executing over 250 work orders for projects located throughout FDOT Districts 4 and 6 during PD&E and Final Design phases. Includes field exploration, laboratory testing, geotechnical analyses for roadway and structures and preparation of geotechnical reports. <b>Recent performance grade was 95%</b> . FDOT PM: Mr. Michael Kim, PE; Phone: 954. 677.7030. Year: 2003-On-Going.
M.S., Civil Engineering, (Geotechnical), Louisiana State University, 1987	<b>NW 57th Avenue/Red Rd./SR 823 Widening from Okeechobee Road/SR 25 to West 21st St., City of Hialeah, FDOT District 6</b> - Senior Geotechnical Engineer of Record for roadway widening of existing roadway. He was responsible for design and implementation of field exploration and laboratory testing programs, geotechnical engineering analyses and design for ¾-mile of roadway widening, including a pedestrian bridge over SR 25 and sheet pile walls along the Red Road Canal. Client: FDOT, PM: Mr. Danny Iglesias, PE; Phone # (305) 470-5289. (c/o Gannett Fleming, Inc., Mr. Carlos Cejas, P.E.: 786.845.9540); Year: 2005-2011.
B.S., Civil Engineering, Louisiana State University, 1985	<b>NW 57th Avenue/Red Rd./SR 823 Widening From W. 46th Street to W. 54th Street, City of Hialeah, FDOT District 6</b> - Senior Geotechnical Engineer of Record for roadway widening of existing roadway. He was responsible for design and implementation of field exploration and laboratory testing programs, geotechnical engineering analyses and design for 1/2-mile of roadway widening, including sheet pile walls along the Red Road Canal and drainage structures. Client: FDOT, PM: Mr. Danny Iglesias, PE; Phone # (305) 470-5289. (c/o CH Perez, Inc., Mr. Carlos Perez, P.E.; 305.592.1070); Year: 2012-2013.
<b>REGISTRATIONS</b> Registered Professional Engineer, FL, 1995 (Florida PE # 49324)	<b>NW 57th Avenue/Red Rd./SR 823 Widening From W. 54th Street to W. 84th Street, City of Hialeah, FDOT District 6</b> - Senior Geotechnical Engineer of Record for roadway widening of existing roadway. He was responsible for design and implementation of field exploration and laboratory testing programs, geotechnical engineering analyses and design for 1.75 miles of roadway widening, including sheet pile walls along the Red Road Canal and drainage structures. Client: FDOT, PM: Mr. Danny Iglesias, PE; Phone # (305) 470-5289. (c/o CH Perez, Inc., Mr. Carlos Perez, P.E.; 305.592.1070); Year: 2012-2013.
<b>PROFESSIONAL AFFILIATIONS</b> American Society of Civil Engineers and  Florida Engineering Society	<b>SR-836/I-95 Interchange Improvements, Miami-Dade County, FDOT D6.</b> Senior Geotechnical Engineer responsible for planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design for 2.5 miles of roadway improvements including several bridges, approach embankments, MSE walls, and signalization improvements. Client: FDOT. PM: Vilma Croft, P.E.; Phone # (305) 470-5400; (c/o TY Lin, Inc.) PM: Mr. Joe Gomez, P.E.; Phone: 305.567.1888 Year: 2011-2013.
<b>SUMMARY OF CAPABILITIES</b> Shallow and Deep Foundation Design	<b>SR 826 at SW 40th Street Interchange Improvements, Section 2, Design-Build FDOT District 6</b> - Project Manager/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 8 bridges, approach embankments, MSE walls, noise walls and sign structures. FDOT Project Manager: Mr. Jason Chang, P.E. PE; Phone # (305) 470-5331. Designer: BCC Engineering, Inc.; PM: Mr. Ariel Millan, PE; Year: 2008-2011.
Geotechnical Instrumentation	<b>SB 836 EB Widening from NW 57th to NW 45th Avenue, Miami-Dade County, FL, MDX Project 83622, Design-Build</b> - Geotechnical Engineer, planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design of 2 bridges, over Red Road and over Tamiami Canal, MSE walls, PDA testing, and drilled shaft for sign structures. Prepared geotechnical reports during design and construction phases. PM: Sam Gonzalez, PE; RS & H; Phone:786 388.8108; Year: 2009-2011.
In-Situ Testing	<b>Swing Bridge Replacement over Tamiami Canal, PD&amp;E and Final Design, FDOT D6 and Miami-Dade County Department of Public Works</b> - 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 proposed bridge, seawalls and ½ mile of roadway improvements. Miami-Dade County PM for Final Design: Mr. Marcos Redondo, PE; Year: 2007-2013.
Soil Surveys & Bridge Geotechnical Studies	
Pavement Design	
Wave Equation Analysis	
Slope Stability Evaluations	
Materials Testing and Inspection	





**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Luis Ajamil, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Principal in Charge</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>39</b>	b. WITH CURRENT FIRM <b>22</b>

15. FIRM NAME AND LOCATION (City and State)  
**Bermello Ajamil & Partners, Inc., Miami, Florida**

16. EDUCATION (DEGREE AND SPECIALIZATION) <b>BS in Civil Engineering, University of Florida, 1972</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Professional Engineer, State of Florida – No. 0018420</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
**Greater Miami Chamber of Commerce, Leadership Florida American Association of Port Authorities, Florida-Caribbean Cruise Association, Platinum Member**

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>Bahia Mar Marina Fort Lauderdale, Florida</b>	<b>2003</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal in Charge. Redesign of an existing marina. The new design specifically addressed an increase in the size of marina slips to accommodate the latest generation of mega yachts. It is the largest mega yacht marina in this region, capable of docking over 100 mega yachts up to 200 feet in length-over-all (LOA). The facility also serves as host to the international boat show and, as such, incorporates certain utility features that allow for easy adaptation for multiple functions. Piers and catwalks were specially designed with sufficient width and length to accommodate the large number of visitors to these annual events.</b>		
b.	<b>Ensenada Mega Yacht Center Ensenada Mexico</b>	<b>2001</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal in Charge. Master planning and design of a 220-slip marina which was built in conjunction with a major waterfront development including a retail village, cruise ship berth, hotel and residential components.</b>		
c.	<b>Club Costa Baja Marina La Paz, Baja California, Mexico</b>	<b>2004</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal in Charge. Master planning and design development of a sports marina. The marina was integrated into the upland resort and residential areas and includes up to 250 slips, bulkheads and piers, inclusive of a fully equipped haul-out repair and security station. Other amenities included are a harbor master and chandlery. This sporting facility provides activities such as sport fishing, scuba diving and snorkeling.</b>		
d.	<b>Pardenbaai Yacht Basin Oranjestad, Aruba</b>	<b>1996</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal in Charge. Master planning, conceptual engineering and marina design for a public/private marina project in downtown Oranjestad, Aruba. Marina capacity was doubled to 85 slips, which were arranged more efficiently along the bulkheads. Users include private yachts up to 170 feet and commercial day tour boats.</b>		
e.	<b>Dubai Maritime City Marina Dubai, UAE</b>	<b>2007</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Principal in Charge. Master plan for a 1000-slip marina. In order to respond to both residential demand and out-of-area marina user access, market data was used to provide a general slip distribution program that distributed slips proportionately throughout the project. Subsequent to the marina master plan, B&amp;A was contracted to carry out the construction documents for Phase I which included slips for vessels ranging in length-over-all (LOA) from 40 to 200 feet.</b>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Frank Tejidor, P.E.</b>		13. ROLE IN THIS CONTRACT <b>Project Manager / Marine Engineer</b>		14. YEARS EXPERIENCE	
				a. TOTAL <b>34</b>	b. WITH CURRENT FIRM <b>11</b>
15. FIRM NAME AND LOCATION (City and State) <b>Bermello Ajamil &amp; Partners, Inc., Miami, Florida</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Master of Science in Civil Engineering, Geotechnical Engineering Purdue University, 1984</b>  <b>Bachelor of Science in Civil Engineering, University of Miami, 1979</b>			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Professional Engineer, State of Florida - No. 38847</b> <b>Professional Engineer, State of North Carolina</b> <b>Professional Engineer, State of South Carolina</b> <b>Professional Engineer, State of Alaska</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>International Society of Soil Mechanics and Foundation Engineering / American Society of Civil Engineers / Deep Foundations Institute / National Society of Professional Engineers</b>					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) <b>Playa Mujeres Resort &amp; Marina Cancun, Mexico</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2006</b>	CONSTRUCTION (if applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Marine Engineer. Marina and associated development master plan. The Resort is a high end, 5-star golf and marina residential community and destination resort. Includes a 174-slip full-service marina, with slips for mega-yachts. Design program included both landside and marina requirements as well as environmental permitting.</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) <b>Harbourside Marina Jupiter, Florida</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION (if applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer for the design of a Marina and waterfront development. The marina design integrates with the masterplan concept of an urban destination for both residential and entertainment activities. Since the marina is situated in a very sensitive ecological environment, extensive efforts were made to minimize impacts to the environment while simultaneously focusing on functionality.</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) <b>Cypress Club Marina Fort Myers, Florida</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2006</b>	CONSTRUCTION (if applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Marine Engineer. Mr. Tejidor designed the seawall and a unique pier/wave attenuator for this private marina associated to two 32-story towers, with 306 residences and 14 work/live spaces, complementing nearby historic neighborhoods. The marina was designed to accommodate a total of 64 small and medium-sized yachts. The curvature of the piers was intended to create a visually stunning experience for residents and visitors of the adjoining condominium.</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) <b>Costa Baja Marina La Paz, Mexico</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2004</b>	CONSTRUCTION (if applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Marine Engineer. Marina masterplan and post design services. The marina is part of a high end marina residential community and destination resort including a 5 star boutique hotel. The marina was designed as a dual basin marina. The outer marina, reserved for megayachts, was created by extending a breakwater into the harbor. The inner basin marina, dredged from the uplands, was designed for medium size yachts with the intent to service the surrounding residential units.</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) <b>Miami Circle Seawall Replacement Miami, Florida</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION (if applicable) <b>2009</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager. Responsible for the design of the replacement of a deteriorating concrete seawall. The current seawall was in severe disrepair and required total replacement. Provided full marine civil engineering services for a new cantilever steel sheet pile seawall in 15 ft. of water. The new seawall was designed to be located within the existing seawall footprint.</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Maria Zapata, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Civil Engineer</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>26</b>	b. WITH CURRENT FIRM <b>1 Month</b>

15. FIRM NAME AND LOCATION (City and State)  
**Bermello Ajamil & Partners, Inc., Miami, Florida**

16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Administration, Kellogg School of Management, Northwestern University, Evanston, FL, 2011</b>  <b>Master of Science, Civil Engineering, University of Massachusetts, Amherst, MA, 1983</b>  <b>Bachelor of Science, Civil Engineering, University of Massachusetts, Amherst, MA, 1982</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Professional Engineer, State of Florida &amp; California</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
**Member of American Society of Civil Engineers**

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>North Plantation Key Vacuum Sewer Improvements IslaMorada, Village of Islands, Florida</b>	<b>2010</b>	<b>2011</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior Civil Engineer. Evaluation and design. Project consisted of the replacement and upsizing of approx. 7,385 LF of vacuum main system; including installation of piping, valve pits and appurtenances.</b>		
b.	<b>Tomoka Golf Village Ormond Beach, Florida</b>	<b>2005</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior Civil Engineer. Design and permitting of a planned residential development "Tomoka Golf Village" including residential homes, condominiums, club house, tennis center, and associated infrastructure.</b>		
c.	<b>Lowes, Homestead Florida</b>	<b>2005</b>	<b>2006</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior Civil Engineer. Construction of 170,000 SF store in City of Homestead, FL including rezoning, site plan approval, re-platting, and design &amp; permitting of stormwater, utilities, signal improvements, offsite roadways improvements and relocation of high tension transmission FPL line.</b>		
d.	<b>Lowes, Kendall Florida</b>	<b>2007</b>	<b>2009</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior Civil Engineer. Reconfiguration of an existing site for the construction of a 115,500 SF store including design and permitting of associated infrastructure replacement and improvements.</b>		
e.	<b>SunTrust Banks, Various Locations throughout Florida</b>	<b>2005-2010</b>	<b>2006-2010</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Senior Civil Engineer. Planning, design and permitting of several 4,000 SF banks located in South Florida. Services included agency research, site plan approval, civil design, project permitting, site construction observation and certifications.</b>		

<p><b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b></p> <p>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</p>	<p>20. EXAMPLE PROJECT KEY No.</p> <p style="text-align: center;">1</p>
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<p>21. TITLE AND LOCATION (City and State)</p> <p><b>Playa Mujeres</b> <b>Cancun, Mexico</b></p>	<p>22. YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="824 279 1151 352"> <p>PROFESSIONAL SERVICES</p> <p style="text-align: center;"><b>2006</b></p> </td> <td data-bbox="1151 279 1515 352"> <p>CONSTRUCTION (If applicable)</p> </td> </tr> </table>		<p>PROFESSIONAL SERVICES</p> <p style="text-align: center;"><b>2006</b></p>	<p>CONSTRUCTION (If applicable)</p>
<p>PROFESSIONAL SERVICES</p> <p style="text-align: center;"><b>2006</b></p>	<p>CONSTRUCTION (If applicable)</p>			

<p>23. PROJECT OWNER'S INFORMATION</p>		
<p>a. PROJECT OWNER</p> <p><b>Viva Hotels &amp; Resorts</b></p>	<p>b. POINT OF CONTACT NAME</p> <p><b>Pedro Pascual</b></p>	<p>c. POINT OF CONTACT TELEPHONE NUMBER</p> <p><b>011.34.971.50472</b></p>

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

**Bermello Ajamil & Partners, Inc. (B&A) was commissioned to provide the marina design and master plan associated with this high-end resort in Cancun, Mexico. The resort includes a 5-star golf course and marina residential community with capacity to accommodate up to six 5-star hotels.**

The master plan includes a 174-slip full service marina with 4 slips for mega yachts of up to 145 feet in length-over-all (LOA), 2 berths for mega yachts up to 120 feet LOA and an additional 168 slips for yachts in the 40 to 60 foot range. The planning process addressed the development of a design program that included both landside and marina requirements, identification of site characteristics and the generation of different site layout options to address marina flushing and the location of additional berths in relation to proposed landside uses.



<p>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</p>			
<p>a.</p>	<p>(1) FIRM NAME</p> <p><b>Bermello Ajamil &amp; Partners, Inc.</b></p>	<p>(2) FIRM LOCATION (City and State)</p> <p><b>Miami, Florida</b></p>	<p>(3) ROLE</p> <p><b>Architecture, Engineering, &amp; Planning</b></p>
<p>b.</p>	<p>(1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>
<p>c.</p>	<p>(1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>
<p>d.</p>	<p>(1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No.  2
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21. TITLE AND LOCATION (City and State) <b>Club Costa Baja Marina Master Plan</b> <b>La Paz, Baja California, Mexico</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2004</b>	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER <b>Parque Reforma Campos Eliseos 400</b>	b. POINT OF CONTACT NAME <b>Alejandro yberri</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(5255) 5980.2440</b>

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

**Bermello Ajamil & Partners, Inc. (B&A) completed the master plan for this 200-slip marina situated on the tip of Baja California in the Sea of Cortez on a spectacular site surrounded by dessert vegetation. The site creates a very unique setting for a particular brand of yachting and sailboat operation characteristic of the area.**

**The design of the marina was divided into two separate phases: The first phase involved the creation of a protective basin for large mega yachts achieved by extending a breakwater into the harbor. The second phase connected that harbor with the manmade basin that will provide depths of approximately 6 feet for yachts in the 40 to 50-foot range. This basin will be surrounded by residential units and the marina will also include a dockmaster building, a service and repair area, a fueling area and an exclusive 5-star boutique hotel.**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME <b>Bermello Ajamil &amp; Partners, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Miami, Florida</b>	(3) ROLE <b>Planning &amp; Design</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. <b>3</b>
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21. TITLE AND LOCATION (City and State) <b>Ensenada Marina</b> <b>Ensenada, Baja California, Mexico</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2001</b>	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER <b>Ensenada Cruise Port Village</b>	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER

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

**The idea of a marina for Ensenada originated as part of the market analysis carried out for the overall expansion of cruise activities at the Port of Ensenada. B&A's work spanned the full process of project development: from the identification of the initial idea to include a marina to the final construction inspection of the project.**

**The marina became an integral part of the design and development of the cruise port. Cruise vessels create a wall at ground level wherever they berth. The cruise port, created on reclaimed land, utilized the marina as a focal point to orient a retail center, hotel and residential activities. This internal marina created from the land fill also allows the project to have a city and regional orientation of its uses. The marina consists of 190 slips ranging in sizes from 30 feet to 120 feet. Fueling and ship chandlery are also provided. The marina has been most successful carrying an occupancy of 100% since its opening and serving a trade area that extends well beyond the City of San Diego just north of Ensenada and on the U.S. side of the border.**

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME <b>Bermello Ajamil &amp; Partners, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Miami, Florida</b>	(3) ROLE <b>Planning &amp; Design</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No.  4
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21. TITLE AND LOCATION (City and State) <b>Port of Miami General A/E Consulting Services</b> <b>Miami, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable) <b>Various</b>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER <b>Miami-Dade County, Seaport Department</b>	b. POINT OF CONTACT NAME <b>Bill Johnson</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>305.347.4844</b>

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

**Bermello Ajamil & Partners, Inc. (B&A) has been a General Consultant to the Port of Miami since 1992. Throughout its tenure, B&A has participated in the planning, design, construction management and financing procurement for several port projects.**

Projects undertaken have included the creation and subsequent updates of the Port's master plan, design, permitting and implementation of the Lummus Island Container Terminal, the redevelopment of Terminals 1 through 10 to accommodate larger ships, increased passenger throughput and intermodal connections, design of multiuse passenger/retail complex and park, environmental permitting for channel deepening, expansion, materials disposal and fill, design of container berths, gantry crane specifications, bulkheads and marine facilities, the conceptual design for an airport/seaport mass rail transit station connector and a parking garage to accommodate cruise passengers.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME <b>Bermello Ajamil &amp; Partners, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Miami, Florida</b>	(3) ROLE <b>General Consultants (Architecture, Planning, Engineering, Project Management, Construction Management)</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<p><b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b></p> <p>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</p>	<p>20. EXAMPLE PROJECT KEY No.</p> <p style="text-align: center;">5</p>
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<p>21. TITLE AND LOCATION (City and State)</p> <p><b>Harbourside Marina &amp; Waterfront Development</b> <b>Jupiter, Florida</b></p>	<p>22. YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="841 241 1166 352"> <p>PROFESSIONAL SERVICES</p> <p style="text-align: center;"><b>2007</b></p> </td> <td data-bbox="1166 241 1521 352"> <p>CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2010</b></p> </td> </tr> </table>		<p>PROFESSIONAL SERVICES</p> <p style="text-align: center;"><b>2007</b></p>	<p>CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2010</b></p>
<p>PROFESSIONAL SERVICES</p> <p style="text-align: center;"><b>2007</b></p>	<p>CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2010</b></p>			

<p>23. PROJECT OWNER'S INFORMATION</p>		
<p>a. PROJECT OWNER</p> <p><b>BAP Development</b></p>	<p>b. POINT OF CONTACT NAME</p> <p><b>Primi Conde</b></p>	<p>c. POINT OF CONTACT TELEPHONE NUMBER</p> <p><b>305.740.0723</b></p>

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

**B&A was commissioned to provide the design of this marina mixed-use development located along the river in Jupiter, Florida. The core of the design focuses on the Riverwalk and main plaza, a vibrant pedestrian street lined with restaurants and shops. The urban design of Harbourside promotes a pedestrian-friendly town that seeks to introduce a pleasant living, walking and driving atmosphere through the design of pedestrian scaled streets and gathering spaces.**

**The marina design integrates with the masterplan concept of an urban destination for both residential entertainment activities. The marina had been permitted for 49 slips; however, given the fact that the marina is situated on an environmentally-sensitive area, it was redesigned with substantial changes that minimize impacts to the environment while providing the necessary functionality. Complying with the requests of the regulatory agencies, the marina has been redesigned to accommodate a total of 29 slips with negligible impacts to sea grasses and other marine life.**




<p>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</p>			
<p>a.</p>	<p>(1) FIRM NAME</p> <p><b>Bermello Ajamil &amp; Partners, Inc.</b></p>	<p>(2) FIRM LOCATION (City and State)</p> <p><b>Miami, Florida</b></p>	<p>(3) ROLE</p> <p><b>Architecture, Engineering, Planning</b></p>
<p>b.</p>	<p>(1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>
<p>c.</p>	<p>(1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>
<p>d.</p>	<p>(1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No.  <b>6</b>
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21. TITLE AND LOCATION (City and State) <b>Miami Circle Seawall Replacement</b> <b>Miami, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION (If applicable) <b>2009</b>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER <b>State of FL. Dept of Management Services</b>	b. POINT OF CONTACT NAME <b>Jere Lahey</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>904.359.6093</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

B&A was commissioned by the State of Florida's Department of Management Services to help replace a deteriorating concrete seawall that threatened the security of an important archaeological artifact known as the "Miami Circle", the only documented village site of the Tequesta Indians of South Florida. The current seawall was in severe disrepair and required total replacement.

B&A provided full service marine civil engineering services from design through bidding for a new cantilever steel sheet pile seawall in 15 ft. of water. The new seawall was designed to be located within the existing seawall footprint. The State had also stipulated that tiebacks were not to be used. B&A was also commissioned for emergency temporary repairs on the current seawall following a site investigation conducted by one of B&A Civil Engineers when a portion of the existing wall was discovered to have collapsed into the river. The emergency repairs consisted of stabilizing the riverbank with gabions and relieving soil pressure on the remaining portions of the seawall.

Cost: \$1.5 Million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Bermello Ajamil &amp; Partners, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Miami, Florida</b>	(3) ROLE <b>Marine, Civil, &amp; Structural Engineering</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No.  7
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21. TITLE AND LOCATION (City and State) <b>Berth 18 &amp; 29 Bulkhead Analysis &amp; Evaluation</b> <b>Fort Lauderdale, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION (If applicable)

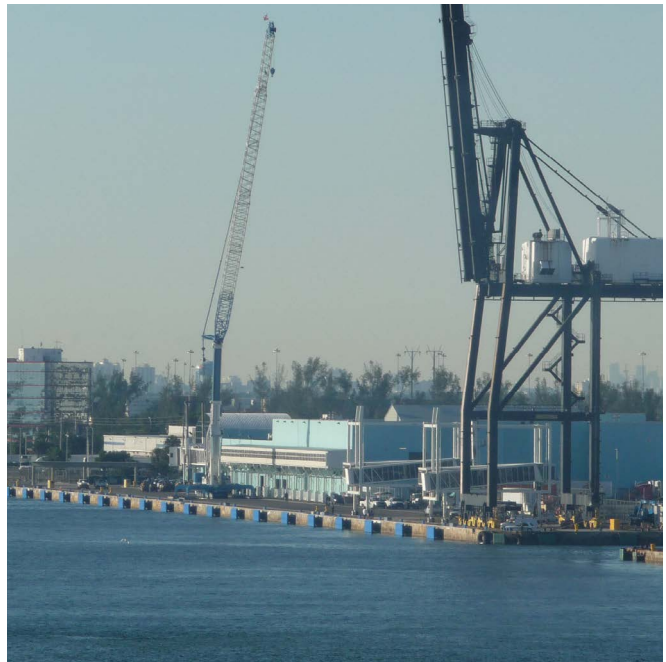
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER <b>Port Everglades/ Broward County</b>	b. POINT OF CONTACT NAME <b>John Foglesong</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>954.468.0142</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

**Bulkhead Evaluation at Berth 18 - The bulkheads along Berth 18 were evaluated to accept mooring upgrades and retrofits for the berthing of the largest ship in the world, the Oasis. Due to the present condition of the bulkhead, high capacity bollards were isolated from the bulkhead. Additional lower capacity bollards for spring lines were allowed to be installed along the bulkhead line.**

**Bulkhead Analysis at Berth 29 - Analysis of the bulkheads at Berth 29 to accept a harbor crane. Mudline at bulkhead was at - 46.0. Alternatives were developed to allow the proposed cranes to operate along the bulkhead.**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Bermello Ajamil &amp; Partners</b>	(2) FIRM LOCATION (City and State) <b>Miami/Fort Lauderdale, FL</b>	(3) ROLE <b>Engineering &amp; Construction Management</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<p><b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b></p> <p>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</p>	<p>20. EXAMPLE PROJECT KEY No.</p> <p style="text-align: center;">8</p>
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<p>21. TITLE AND LOCATION (City and State)</p> <p><b>Onyx Seawall Replacement</b> <b>Miami, Florida</b></p>	<p>22. YEAR COMPLETED</p>	
	<p>PROFESSIONAL SERVICES</p> <p style="text-align: center;"><b>2005</b></p>	<p>CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2005</b></p>

<p>23. PROJECT OWNER'S INFORMATION</p>		
<p>a. PROJECT OWNER</p> <p><b>BAP Development</b></p>	<p>b. POINT OF CONTACT NAME</p> <p><b>Primi Conde</b></p>	<p>c. POINT OF CONTACT TELEPHONE NUMBER</p> <p><b>305.740.0723</b></p>

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

Located along the protected waterways of Biscayne Bay in Miami, Florida, an existing seawall was found to be severely deteriorated and in immediate need for replacement. B&A coordinated with regulatory agencies for a successful design, permitting, and construction of the new seawall. Due to the condition of the existing seawall and its close proximity to other structures, the existing seawall was not removed but replaced with a cantilever steel sheet pile wall and concrete cap. Rip rap with a specified gradation was placed along the entire length of the wall.



<p>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</p>		
<p>a. (1) FIRM NAME</p> <p><b>Bermello Ajamil &amp; Partners, Inc.</b></p>	<p>(2) FIRM LOCATION (City and State)</p> <p><b>Miami, Florida</b></p>	<p>(3) ROLE</p> <p><b>Marine, Civil, &amp; Structural Engineering</b></p>
<p>b. (1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>
<p>c. (1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>
<p>d. (1) FIRM NAME</p>	<p>(2) FIRM LOCATION (City and State)</p>	<p>(3) ROLE</p>

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No.  9
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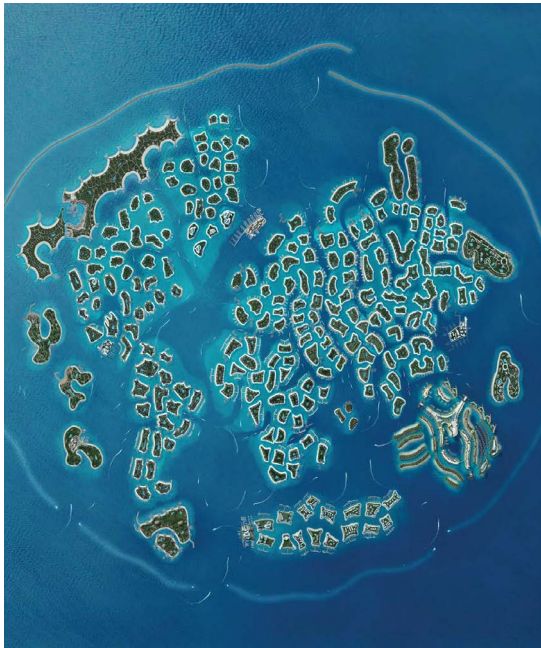
21. TITLE AND LOCATION (City and State) <b>The World</b> <b>Dubai, UAE</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If applicable) <b>Various</b>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER <b>Nakheel PJSC</b>	b. POINT OF CONTACT NAME <b>Hamza Mustafa</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>+971.4.390.3309</b>

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

Conceived by His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Crown Prince of Dubai and Minister of Defense of the UAE and Nakheel Properties, The World is one of the most innovative land reclamation and development projects ever attempted. Rising out of the Arabian Gulf 2.4 miles offshore from the coast of Dubai, The World was conceived as a series of independent islands approximating the shape of a Mercator projection of the world map. It is surrounded by a 16 mile-long breakwater and built in water depths ranging from 40 to 60 feet with an unprecedented total of 353,000,000 cubic meters of marine sand used for the reclamation process. The project's scale creates significant opportunities for development, but its size and location also pose many engineering challenges and require innovative transportation and infrastructure solutions.

B&A was commissioned as the Master Planners for the entire project; responsible for all planning and developmental guidance. The uniqueness of the project makes it almost impossible to forecast final densities and urban forms, so the master plan provides a framework for basic infrastructure and development whose requirements have been determined within a range of upper and lower levels of densities to meet whatever future needs may be imposed.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME <b>Bermello Ajamil &amp; Partners, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Miami, Florida and Dubai, UAE</b>	(3) ROLE <b>Master Planning, Architecture, Engineering</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No.  <b>10</b>
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21. TITLE AND LOCATION (City and State) <b>Mina Rashid Mixed-Use Redevelopment</b> <b>Dubai, UAE</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER <b>Nakheel PJSC</b>		c. POINT OF CONTACT TELEPHONE NUMBER
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Bermello Ajamil & Partners, Inc. (B&A) was commissioned to provide the master planning and Development Control Regulations (DCR) associated with this mixed-use project. Once completed, the development will consist of over 21 million square meters of office, retail and residential uses designed to maximize opportunities for mass transit systems on both land and water.

Within the master planning process, B&A developed a detailed street hierarchy system based on designated land uses, required ROW widths and utility demands. As the objective of the master plan was to encourage pedestrian access and mass transit use, a grid street system was utilized to link a series of neighborhood parks and retail centers, public art installations and the waterfront. Civil Engineering work on this project included the preparation of the utility master plan identifying the width of utility corridors, determining electrical substations and district cooling requirements, establishing the potable water tie-in points and locating an 8 MGD waste water treatment plant.

The project is designed to be the first Blue-Certified community in the world and therefore calls for the use of state-of-the-art technology and design methods to ensure environmental compliance. Total land area for this project is 730 hectares including existing port areas and 2 manmade islands located between Palm Deira and Dubai Maritime City, in Dubai, UAE.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Bermello Ajamil &amp; Partners, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Miami, Florida</b>	(3) ROLE <b>Planning, Architecture &amp; Engineering</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



**H. ADDITIONAL INFORMATION**

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

B&A has carefully selected project team members to provide *Design and Permitting Services for the Fort Lauderdale Intracoastal Waterway - Las Olas Marina Dredging Project*.

Each project at B&A is headed by a Partner-In-Charge and a Project Manager. We pride ourselves on personal attention to each project and maintaining a high level of quality throughout design and construction. Within each group, projects remain under the control of a single core team from design start to occupancy. The benefit to our clients is better service, absolute account-ability, and continuity in communication, management and design.

**Team Coordination Plan**

**1. Commit Leadership to the Project**

We begin with the commitment of senior staff to the project. The project leaders start the project and stay with it through completion.

**2. Keep the Team Together for the Duration of the Project**

As each project begins, we mobilize the entire team, who from day one become familiar with the project goals, criteria, and client.

**3. Identify a Single Point of Contact for the Project**

Our Project Manager will be the single focal point of day-to-day contact for the project. He will be responsible for meeting the project schedules and budgets and for leading and coordinating communications with the client.

**4. Listen to the Client**

At the beginning of the project, we work with the client to set project goals and expectations and identify key issues. Together, we then develop conceptual alternative solutions that address the issues, and test each alternative against the goals and criteria to ensure complete and balanced decisions.

**5. Document the Process and Decisions Rigorously**

Process and decisions are documented in Significant Communication which identify action items, due dates, and responsible personnel. Accurate record keeping and communications avoid misunderstandings and costly backtracking.

**6. Conduct Methodical Plan Checks and Reviews**

Reviews are regularly scheduled with pre-published agendas, checkpoints, and criteria checks. Any changes are corrected immediately. These reviews ensure coordination and accuracy among all documents, which in turn provide a sound basis for effective cost and quality control.

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE



b. DATE

9/26/2014

c. NAME AND TITLE

Luis Ajamil, PE - President

# ARCHITECT-ENGINEER QUALIFICATIONS

I. SOLICITATION NUMBER (If any)

Bid #946-11484

## PART II - GENERAL QUALIFICATIONS

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

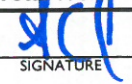
2a. FIRM (OR BRANCH OFFICE) NAME Bermello Ajamil & Partners, Inc.			3. YEAR ESTABLISHED 1939	4. DUNS NUMBER 09-2238773
2b. STREET 900 SE 3 <sup>rd</sup> Avenue, Suite 203			5. OWNERSHIP	
2c. CITY Fort Lauderdale	2d. STATE FL	2e. ZIP CODE 33316	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Frank Tejidor, Project Manager			b. SMALL BUSINESS STATUS	
6b. TELEPHONE NUMBER 954.467.1113			7. NAME OF FIRM (If block 2a is a branch office)	
6c. E-MAIL ADDRESS FTejidor@bermelloajamil.com				

8a. FORMER FIRM NAME(S) (If any)		8b. YR. ESTABLISHED	8c. DUNS NUMBER
Gordon M. Severud, AIA Architects		1939	
Severud & Knight Architects		1962	
Severud Knight Boerema Buff Architects & Planners		1970	
Severud Boerema Buff Bermello		1977	
Boerema Bermello Kurki & Vera Architects		1980	
Bermello, Kurki & Vera, Inc.		1983	
Bermello & Associates, Inc.		1990	
Bermello Ajamil & Partners, Inc.		1992	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
06	Architecture/ Designers	22	5	A06	Airports; Terminals and Hangars; Freight Handling	7
02	Administrative	22	1	A11	Auditoriums & Theaters	2
12	Engineers	5		C08	Codes; Standards; Ordinances	6
15	Construction Inspector	6		C15	Construction Management	8
37	Interior Designer	2		D08	Dredging Studies and Design	1
39	Landscape Architect/ Designer	4		E02	Educational Facilities; Classrooms	7
47	Planner: Urban/Regional	4	1	E11	Environmental Planning	1
56	Specifications Writer	1		G01	Garages; Vehicle Maintenance Facilities; Parking Decks	3
				H01	Harbors; Jetties; Piers, Ship Terminal Facilities	8
				H06	Highrise Type Buildings	6
				H07	Highways; Streets; Airfield Paving; Parking Lots	8
				H09	Hospital & Medical Facilities	7
				H10	Hotels; Motels	3
				H11	Housing (Residential, Multi-Family; Apartments; Condos)	8
				I05	Interior Design; Space Planning	5
				J01	Judicial and Courtroom Facilities	5
				L01	Laboratories; Medical Research Facilities	1
				L03	Landscape Architecture	5
				L04	Libraries; Museums; Galleries	5
	<b>Total</b>	<b>66</b>	<b>7</b>	O01	Office Buildings; Industrial Parks	8
				P05	Planning (Community, Regional, Areawide and State)	8
				R04	Recreation Facilities (Parks, Marinas, Etc.)	2
				S09	Structural Design; Special Structures	2
				S11	Sustainable Design	8
				T03	Traffic & Transportation Engineering	1
				Z01	Zoning; Land Use Studies	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	0	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	8. \$5 million to less than \$10 million	9. \$25 million to less than \$50 million	10. \$50 million or greater
c. Total Work	10	3. \$250,000 to less than \$500,000	4. \$500,000 to less than \$1 million	5. \$1 million to less than \$2 million	

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

a. SIGNATURE 	b. DATE 9/26/14
---	--------------------

c. NAME AND TITLE  
Luis Ajamil, PE - President





5.

# PROJECT MANAGER'S EXPREIENCE



**Frank Tejidor, PE**  
**Lead Technical Professional, Senior Project Manager**

#### **Education**

- Master of Science in Civil Engineering, Geotechnical Engineering, Purdue University, 1984
- Bachelor of Science in Civil Engineering, University of Miami, 1979

#### **Professional Design Experience**

**Mr. Frank Tejidor, P.E.** will serve as the **Project Manager** for this assignment. Mr. Tejidor has over 30 years of experience with port and marina projects. His interest and experience in marine engineering dates to his early work during the initial expansion of the Port of Miami. His projects and experience further extended to work on various coastal structures throughout South Florida.

Mr. Tejidor is the Lead Technical Professional and Sr. Project Manager for B&A's Marine Engineering Group. Under his leadership, the firm has completed numerous marine and coastal engineering projects, both regionally and internationally. These projects range from basin dredging in **the New York harbor** to marina dredging for a state-of-the art **marinas in La Paz and Cozumel, Mexico**. Some of the more challenging projects under his direction have been marinas, island stabilizations, and channel control geometries for projects in Dubai, UAE.

He received praise and commendation from the State of Florida's Department of Resource Management as well as the Florida Department of State's Bureau of Archeological Research for his work on the archeologically sensitive Miami Circle Seawall replacement that was designed as part of the planned dredging of the Miami River.



6.

## APPROACH TO SCOPE OF WORK

## Design Philosophy and Approach to Work

The City of Ft. Lauderdale has planned the maintenance dredging and potential deepening of the City marinas (Bahia Mar and Las Olas) and their approaches from the Intracoastal Waterway. This project requires marine and coastal engineering expertise. This type of project may involve any number of marine related activities and analysis. The projects herein listed in this proposal were chosen to highlight our firm's extensive expertise in marine engineering.

The services to be rendered shall consist of full-scale engineering analysis and design including all associated technical services, such as geotechnical explorations, coastal process analysis, and surveying (bathymetry). A comprehensive set of construction and planning documents will be provided. Additionally, the Consultant shall be responsible for all documents associated with permit preparation and application, contract specifications, and the review of bids and construction proposals and administration of construction activities.

### Planning and design approach

The intensity of the process by which the Firm's design philosophy is implemented is tailored by the scope and complexity of the individual project. In this case, the City has identified two major phases to be addressed and completed.

#### Phase 1 – conceptual design

##### Goal: Obtain Conceptual Mitigation and Dredging Permits

The purpose of this Phase is to develop and formalize the approved conceptual design. The Team will prepare a comprehensive base of information related to existing site conditions, local and regional regulations, and planning initiatives. This information serves as the basis for the preparation of opportunities and constraints, and alternative concept plans. Specific information to be collected include:

Project area boundaries based on existing topographical and survey documents.

Administrative zone boundaries, ownership, easements, and other interests both within and adjacent to the project area.

Existing marine features and facilities. Marine features shall include jetties, breakwaters, seawalls and/or bulkheads, channels, shorelines, and other features. General age of different facilities, structural condition, structural deficiencies, and a general description of the critical parameters of the marine facilities shall be prepared.

Existing infrastructure found within, surrounding, or supporting the project area including potable water, wastewater, stormwater, fire protection systems, electricity, telecommunications, solid waste and other infrastructure.

To conclude the review of the conceptual design and its various components and critical parameters, an accurate and thorough survey will be critical at this stage. In conjunction with the information gathered and assess, the survey will subsequently allow informed discussions with the regulatory agencies.

It should be recognized from the onset that this project will be principally driven by the requirements of the regulatory agencies. Before proceeding to Phase 2 – Design Services, we will arrange and facilitate a pre-application meeting with all regulatory agencies to present the conceptual design in order to identify those elements which may need further elaboration or development in order to comply with all State, Federal and local authorities.

The survey will also assist in the discussions regarding the Florida Inland Navigational requirements. The

intent is to closely coordinate all dredging activities with FIND's dredging project for the deepening of the Intracoastal Waterway's main fairway.

Once all of the information for the basis of the conceptual design has been assessed, knowledgeable of any potential changes, then the preliminary cost estimate can be revisited and address all the elements which can remain or be changed in order for the project to meet its budget goals. Every effort will be made to bring the project under the present budget goals.

## Phase 2 – Design Services

### Goal: Provide 100% Construction Plans & Specifications

The Team will prepare a thorough analysis of the operational characteristics of specific project or set of project parameters to provide a context through which existing and future opportunities and constraints can be evaluated. Essentially, the purpose of this task is to conduct a series of marine and coastal engineering analysis to determine and define design criteria. Specific analyses to be performed include:

Collection and testing of sediments to determine levels of toxicity or contamination and to develop a design granular size distribution to control migration of fines during and after dredging operations

Predicted water levels for the local area will be collected from existing prediction models and compared to water levels.

Evaluation of extreme wave climate and daily conditions using available wind and wave data applicable to project site.

Identification of deficiencies and/or potential improvements to the site or facilities.

The marina basins, if deepened may be subject to differential wave forces during extreme conditions such as hurricanes or winter storms. The deepened adjacent inland water navigation channel may also allow for unintended waves to propagate to the project sites with little loss of energy. Additionally, during hurricane events the associated storm surge and increased water depths, may potentially leave the proposed marina basins further exposed to impacts.

Due to potentially complex bathymetric conditions, detailed numerical modeling of the wave propagation would be required to understand the design wave conditions accurately. Small deviations in the design wave height can result in significant changes in the associated wave forces and ultimately unintended construction revisions. The wave modeling would be conducted with a fully non-linear wave model that accounts for all the governing processes at the project site including, but not limited to, 1) wave refraction as waves propagate from offshore to the nearshore area, 2) wave diffraction around the existing piers and breakwaters, 3) reflection of the waves off the existing piers or breakwaters 4) shoaling/wave breaking as the waves encounter the shallower sides of the inland channel and 5) elevated water levels due to storm surge.

As offshore waves reach the project sites, the marina basins may be influenced by both horizontal and vertical forces of breaking and non-breaking waves. The horizontal wave forces will affect the lateral loading of the piles as waves propagate through and even break on the seawalls. The vertical wave forces will affect the condition of the existing seawalls, and with the larger storm waves restricted by the pier deck a significant uplift force on existing structures may result. The wave forces will be determined utilizing a computer program tailored specific for the site, which is based on the wave modeling results as well as the marina configuration. The program will account for the various combined effects of elevated water level, wave height and wavelengths, in order to determine the limiting design load scenario.

## Task 1 – Design Services

The Team will identify opportunities and challenges associated with existing and future evolution of the project area. The Team will prepare a complete listing of policy and plan opportunities and constraints along with City participation. The Design Phase involves narrowing down the possible layout and design options. Based on the information collected and the various analyses performed during the previous phase, the Team will determine the best alternatives for detailed cost, schedule, and constructability reviews. Essentially, the purpose of the Design Services Task is to develop construction control documents for both the dredging and potential deepening of the existing marinas and the approaches from the Intracoastal Waterway. Specific tasks within Design Services may include:

Division of design documentation into percent phase completion. The complexity of the project will determine the level of divisions. It may range from a simple 30% and 100% submittal to a wider range of submittal schedules.

Concurrence by the City of the direction and progress of work.

Identification of potential costs and constructability issues.

Implementation of the Firm's Quality Assurance/Quality Control Program

Preliminary evaluation and direction from the regulatory agencies.

## Task 2 – Permitting

It is important to understand and appreciate the entire permitting process. The permitting process will typically entail the following:

**Joint Application for Joint Coastal Permit (JCP)/Authorization to Use State Owned Submerged Lands/Federal Dredge and Fill Permit.** This permit is required for projects seaward of the mean high water line. The City of Ft. Lauderdale currently holds lease agreements with the Department of the Army and the State of Florida for the submerged lands in association with the marinas. The JCP application will be submitted to the FDEP and distributed to the USACE.

At the beginning of the design and permitting process we will arrange and facilitate a pre-application meeting with the FDEP and the USACE to review the project design and allow the agencies to offer comments and discuss all project requirements. In addition we will determine if the project qualifies for a USACE Nationwide Permit (NWP) Under Category 3 (Maintenance). Since the project is essentially remaining within the same footprint of the original marinas, proposed impacts should be perceived as minor. However the NWP issued under Category 3 is not typically applicable for projects within 100 feet of the near edge of a Federal channel or for maintenance activities located seaward of the coastal construction control line. Therefore discussions with the USACE will be required to clarify the actual location of the marinas relative to the “edge of channel”. If the project does not qualify for a NWP, a Letter of Permission (LOP) from the USACE will be required. The LOP procedure includes coordination with the U.S. Environmental Protection Agency (EPA), FWS and NMFS. This coordination will be accomplished under the JCP application by FDEP regardless if the USACE issues a NWP or LOP.

Other in-water modifications may trigger additional consultation with the USACE to address navigational safety issues.

**Broward County Environmental Protection and Growth Management Department (BCEPGMD) Coastal Construction Permit.** This permit is required for any proposed in-water work. The project should qualify for a Short Form Permit Application, as the proposed work should be considered as “maintenance dredging” The Short Form Permit Application should not require approval by the Board of County Commissioners.

## FDEP NPDES Stormwater Construction Permit

The entire process and an estimated timeline is attached hereto and illustrated in a Flow Chart marked as **Exhibit “A”**.

### **Cost, schedule, and constructability review**

Once the design(s) developed under the previous phase has been submitted to the City for review and approval, the Team will complete a detailed analysis of the construction costs, construction schedule, and identification of potential constructability issues. The Team's experience with similar facilities both regionally and worldwide allows us to provide accurate projections of budget and time requirements for such projects.

### **Final design recommendations**

The Team will develop a final set of Construction Control Documents as the final design recommendation. The final set shall include the design revisions requested by the City and the various regulatory agencies. The final design recommendation will be summarized in the form of final Construction Control Documents containing synopses of the previous phases and concluded with an engineering description project, cost estimate and schedule for the proposed design option.

It should be clearly understood that the aforementioned phases presumes the close participation and coordination with the City Staff and other parties interested in the administration of the process. Consequently, it is in the best interest of this firm and the successful conclusion of a project to elicit questions and the participation of the interested parties throughout the various project phases.

### **Task 3 – bid and award Services**

The Team will assist the City in the bidding and award of the work. The Team will attend pre-bid conferences, assist with the preparation of any necessary contract addenda, attend bid openings and assist with bid evaluations. More importantly, the Team will assist the City in developing bidder qualification criteria. Pre-bid qualification surveys will be administered.

### **Task 4 – construction administration services**

A successful design ultimately rests on an efficient and responsive administration of construction services. The Team will attend pre-construction conferences, attend weekly construction meetings and site visits, produce weekly progress reports, respond on timely basis contractor Requests for Information (RFI's), administration of change orders, review and recommendation of contractor applications for payment, and finally project closeout reviews.

### **Task 5 – additional services**

Should additional services be requested by the City, such as seawall strengthening or replacement, such services will be negotiated in accordance with the Contract Requirements.

### **Task 6 – reimbursable services**

The Team, in conjunction with the City, will identify all services and/or expenses that will be deemed reimbursable so as not to create any contractual misunderstandings or misgivings.







7.

## REFERENCES

### Club Costa Baja Marina, La Paz, Baja California, Mexico

**Client / Contact:** Alejandro yberri

Parque Reforma Campos Eliseos 400, Piso 19, Lomas de Chapultepec, Mexico City, CP 11000

Ph: (5255) 5980-2440

acyberri@costabajaresort.com

**Completion:** 2004

**Cost:** \$5 Million

B&A completed the master plan for this 200-slip marina situated on the tip of Baja California in the Sea of Cortez on a spectacular site surrounded by desert vegetation. The site creates a very unique setting for a particular brand of yachting and sailboat operation characteristic of the area. The design of the marina was divided into two separate phases: The first phase involved the creation of a protective basin for large mega yachts achieved by extending a breakwater into the harbor. The second phase connected that harbor with the manmade basin that will provide depths of approximately 6 feet for yachts in the 40 to 50-foot range. This basin will be surrounded by residential units and the marina will also include a dockmaster building, a service and repair area, a fueling area and an exclusive 5-star boutique hotel.



*Club Costa Baja Marina*



*Club Costa Baja Marina*

### Public Boat Ramps for the Florida Keys Monroe County, FL

**Client / Contact:** Dept. of Marine Resources of Monroe County

2798 Overseas Highway, Marathon, FL 33050

Richard Jones

Ph: 305.289.2805

Fx: 305.289.2536

Jones-Rich@monroecounty-fl.gov

**Completion:** 2013

**Cost:** \$1 Million

B&A provided engineering design services for the repair and upgrades to six public boat ramp facilities in the Florida Keys. The project included civil and structural engineering services as well as land surveying, geotechnical exploration and obtaining environmental permits. A biological assessment of benthic resources was performed. Coastal processes were also assessed to determine if the ramps needed to be relocated. All of the boat ramps were showing moderate to severe states of disrepair and many of the ramps did not meet current design standards and criteria. Several of the ramp facilities had no loading/tie off dock. Parking and/or paving at several of the facilities were substandard or altogether non-existent. B&A designed the replacement and reconstruction of all the existing boat ramps which remained in their current locations. A stringent timeline established by the County was adhered-to in order to meet key deadlines required for grant funding.



*Monroe County Public Boat Ramp*



PortMiami

**PortMiami General Consultants** Miami, FL

**Client / Contact:** PortMiami  
1015 N. America Way, 2nd Floor, Miami, FL 33132  
Bill Johnson (former Port Director)  
Ph: 305.347.4844 Fx: 305.347.4843  
BJ4@miamidade.gov

**Completion:** Various  
**Cost:** Various

B&A has been a General Consultant to the Port since 1992. B&A has participated in the planning, design, construction management and financing procurement for several port projects, including its \$750 million expansion. Projects undertaken have included the creation and subsequent updates of the Port's master plan, design, permitting and implementation of the Lummus Island Container Terminal, **16 million cubic yards of dredging**, the redevelopment of Terminals 1 through 10, increased passenger throughput and intermodal connections, design of multiuse passenger/retail complex and park, environmental permitting for channel deepening, expansion, materials disposal and fill, design of container berths, gantry crane specifications, bulkheads and marine facilities and the conceptual design for an airport/seaport mass rail transit station connector. B&A recently completed the POM 2035 Master Plan, setting a course for the next 25 years.



PortMiami

**Miami Circle Seawall** Miami, FL

**Client / Contact:** State of Florida - Dept. of Management Services  
4050 Esplanade Way, Tallahassee, FL 32399  
Jere Lahey  
Ph: 904.359.6093 Fx: 850.922.6149  
jere.lahey@dms.myflorida.com

**Completion:** 2009  
**Cost:** \$1.5 Million

B&A repaired a deteriorating concrete seawall that threatened the security of an important archaeological artifact known as the "Miami Circle", the only documented village site of the Tequesta Indians of South Florida. The current seawall was in severe disrepair and required replacement. B&A provided full service marine civil engineering services from design through bidding for a new limerock-embedded steel sheet pile seawall. The new seawall was designed to be located within the existing seawall footprint. B&A was also commissioned for emergency repairs on the current seawall following a site investigation conducted by one of B&A Civil Engineers when a portion of the existing wall was discovered to have collapsed. The emergency repairs consisted of stabilizing the riverbank with gabions.



Miami Circle



8.

# MINORITY / WOMEN (M/WBE) PARTICIPATION

## Minority & Small Business Commitment

**B&A** is an outstanding minority-owned business and stands as an exemplary model for other minority firms to follow. B&A continues to be under ownership that is primarily 95% Hispanic. B&A is a success story of minority programs and as such, we have a strong belief in supporting similar betterment programs even if there is no particular minority requirement on the projects we are pursuing.

The B&A Team recognizes that we have a personal and professional responsibility to reach out to minority-owned firms and is committed to providing development opportunities for them. B&A continually works with these firms and they are members of our Partnering Program. We assist them in professional development by providing support, guidance and a work flow knowledge that they can use to plan and grow their own business.

B&A has selected the following certified M/WBE and/or Small Business subconsultants to participate on this project:

- **Keith & Associates, Inc.** Civil Engineering and Surveying
- **E-Sciences, Inc.** Environmental
- **Geosol** Geotechnical
- **Cummins | Cederberg** Coastal Engineering

Certificates attached in Qualifications of the Firm Section



9.

## LOCAL BUSINESS PREFERENCE (LBP)

**LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT**

The Business identified below certifies that it qualifies for the local BUSINESS preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

- (1) \_\_\_\_\_  
Business Name is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.
- (2) \_\_\_\_\_  
Business Name is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt or a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.
- (3) Bermello Ajamil & Partners, Inc.  
Business Name is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.
- (4) \_\_\_\_\_  
Business Name requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
- (5) \_\_\_\_\_  
Business Name requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
- (6) \_\_\_\_\_  
Business Name is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.

BIDDER'S COMPANY: Bermello Ajamil & Partners  
 AUTHORIZED COMPANY PERSON: Luis Ajamil - Principal dcj 09/26/2014  
NAME SIGNATURE DATE

October 25, 2013

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000  
**VALID OCTOBER 1, 2014 THROUGH SEPTEMBER 30, 2015**

**DBA:** BERMELO AJAMIL & PARTNERS INC **Receipt #:** 315-125  
**Business Name:** BERMELO AJAMIL & PARTNERS INC **Business Type:** ENGINEER  
**Owner Name:** LUIS AJAMIL **Business Opened:** 02/03/1995  
**Business Location:** 900 SE 3RD AVE #203 **State/County/Cert/Reg:** EB0006304 PE0018420  
 FT LAUDERDALE **Exemption Code:**  
**Business Phone:** 467-1113

**Rooms** **Seats** **Employees** **Machines** **Professionals**  
 5

For Vending Business Only						Total Paid
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	
30.00	0.00	0.00	0.00	0.00	0.00	30.00

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT  
 WHEN VALIDATED**

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

**Mailing Address:**

BERMELO AJAMIL & PARTNERS, INC  
 ATTN: ACCOUNTS PAYABLE  
 2601 S BAYSHORE DR STE 1000  
 MIAMI, FL 33133

**Receipt #** 1CP-13-00017156  
**Paid** 09/10/2014 30.00

**2014 - 2015**





10.

# SAMPLE INSURANCE CERTIFICATE

ACORD™

Client#: 31137 BERMEAJA
CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/25/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

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

PRODUCER: USI Insurance Services, LLC-CL
200 West Cypress Creek Rd #600
Fort Lauderdale, FL 33309
954 607-4000
CONTACT NAME: Esther Garcia
PHONE (A/C, No, Ext): 954 607-4093
FAX (A/C, No): 610 362-8541
E-MAIL ADDRESS: Esther.Garcia@usi.biz
INSURER(S) AFFORDING COVERAGE: INSURER A: Hartford Casualty Insurance Com (29424), INSURER B: Twin City Fire Insurance Compan (29459), INSURER C: Continental Casualty Company (20443)

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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

Table with columns: INSR LTR, TYPE OF INSURANCE, ADDL INSR, SUBR, WVD, POLICY NUMBER, POLICY EFF (MM/DD/YYYY), POLICY EXP (MM/DD/YYYY), LIMITS. Rows include General Liability, Automobile Liability, Umbrella Liab, Workers Compensation and Employers' Liability, and Professional Liab.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
REF Las Olas Marina
Certificat Holder is Additional Insured as respects to General Liability when required by written contract
Waiver of Subrogation applies when required by written contract

CERTIFICATE HOLDER: City of Fort Lauderdale C/O Procurement Services Division
100 N Andrews Avenue, #619
Fort Lauderdale, FL 33301
CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
AUTHORIZED REPRESENTATIVE: Gary Morris

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11.

# JOINT VENTURES

N/A



12.

## SUBCONSULTANTS

Sub Consultant Overview & Experience



Keith & Associates, Inc. was incorporated as a Florida corporation in 1998 and provides civil engineering, construction management, comprehensive planning, and surveying and mapping services. With over 35 professionals, the firm has extensive past and ongoing experience with both private and public sector clients and have extensive working knowledge of local and regional climates. Keith & Associates, Inc. is certified as a Disadvantaged Business Enterprise, a Small Business Enterprise, a Woman Business Enterprise and a County Business Enterprise with various public agencies. Keith & Associates, Inc. is certified with the Florida Department of Transportation in 3.1 Minor Highway Design, 8.1 Control Surveying, 8.2 Design, Right of Way & Construction Surveying, 8.4 Right of Way Mapping, 10.1 Roadway Construction Engineering Inspection, and 13.6 Land Planning/Engineering.



E Sciences, Inc. is an engineering, environmental, and ecological consulting firm. Established in 2000, they have offices in Fort Lauderdale, Miami, Orlando, DeLand, and Sarasota, offering a range of professional services coupled with local knowledge, experience and staff. E Sciences was selected to bring environmental expertise to the team because of its extensive local knowledge of the environmental permitting process and relationships with staff at the regulatory agencies, marine resource survey and mitigation experience, wetland assessment and mitigation, regulatory compliance, environmental assessment and remediation experience, listed species experience, and overall knowledge of the ecology and environment within south Florida. E Sciences focuses on providing services to municipalities and state agencies.



Cummins | Cederberg was founded by Mr. Jason Cummins and Mr. Jannek Cederberg. The two principals have extensive experience in coastal and marine engineering in South Florida, as well as throughout Latin America, and the Caribbean, from both private and public clients. The Principals have experience from initial field investigations such as bathymetric surveying, soil borings, current and wave measurements through detailed analyses utilizing complex computer models and subsequent design of coastal structures, marinas and ports. In addition, they have significant experience in contract negotiations and construction administration. This unique combination of skills allows them to approach projects holistically with an exceptional understanding of overall construction cost and interaction of individual components.



Geosol, Inc. (GEOSOL), is a small professional firm that was established in the year 2000. Since its inception, the firm has grown from 2 to 12 employees. The firm provides geotechnical engineering and testing services, including subsurface exploration studies, laboratory testing, engineering, consulting, and design of foundation systems. The firm has a reputation for providing high quality, creative and cost effective geotechnical engineering solutions for clients in the public sector. GEOSOL has become very actively involved in the rapid growth of South Florida and has already participated as a Soils, Foundations and Materials Testing sub-consultant in more than 250 major projects. GEOSOL clients include FDOT, Tri-County Commuter Rail Authority Miami-Dade, Miami-Dade County Transit Authority, County Housing Agency, Miami-Dade County Public Works Department, and South Florida Counties.



13.

# NON-COLLUSION STATEMENT

**NON-COLLUSION STATEMENT:**

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

**3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).**

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

<u>NAME</u>	<u>RELATIONSHIPS</u>
N/A	N/A
_____	_____
_____	_____
_____	_____
_____	_____

**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**



