



**BRIDGE ENGINEERING  
CONSULTING SERVICES  
RFQ #246-11376  
Submitted: February 25th , 2014**



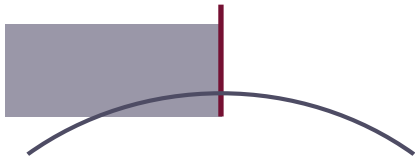
AMMANN & WHITNEY

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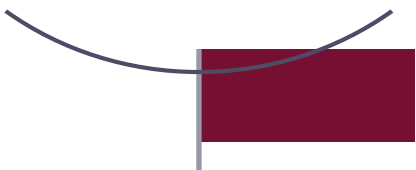


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# Proposal Letter/ Letter of Interest/Proposal Signature Form





## 2. Letter of Interest

February 25, 2014

City of Fort Lauderdale City Hall  
Procurement Services Division  
100 N. Andrews Avenue, #619  
Fort Lauderdale, FL 33301

Subject: Proposal for RFQ # 246-11376 – Bridge Engineering Consulting Services

This letter of interest is to confirm **Ammann & Whitney's** interest to provide bridge engineering consulting services to the City of Fort Lauderdale. **Botas Engineering, and Geosol Inc.** will be our subconsultants for this contract. Ammann & Whitney is a full service engineering, architecture, and construction services firm servicing public and private sector clients worldwide since 1946. We have knowledge of our national infrastructure as we were responsible for the original design, analysis or on-going repairs of bridges throughout the country. We especially have intimate knowledge of South Florida bridges, having been responsible for bridge design and inspection work for the Florida Department of Transportation, Miami-Dade County and the Miami-Dade Expressway Authority (MDX) in addition to municipal work in Miami-Dade and Broward Counties.

We understand that all reports shall bear the seal and signature of a Professional Engineer, licensed in the state of Florida and this request for qualifications (RFQ) is subject to the requirements of the Consultants' Competitive Negotiations Act (CCNA) as required by Florida Statutes 287.055.

Firm's Legal Name: Ammann & Whitney, Inc.

The persons authorized to make representations for our team are:

Ernesto Polo, PE, Associate  
1150 NW 72<sup>nd</sup> Ave, Suite 350, Miami, FL 33126  
(O) 305-261-2006  
(F) 305-261-2123  
Email: epolo@ammann-whitney.com

Arthur Miller, PE, SI, Project Manager  
1150 NW 72<sup>nd</sup> Ave, Suite 350, Miami, FL 33126  
(O) 305-261-2006  
(F) 305-261-2123  
Email: amiller@ammann-whitney.com

Adrian Leon, EI, CBI, Deputy Project Manager  
1150 NW 72<sup>nd</sup> Ave, Suite 350, Miami, FL 33126  
(O) 305-261-2006  
(F) 305-261-2123

We thank you for this opportunity to participate in this proposal and look forward to providing you with our services.

A handwritten signature in blue ink, appearing to read "EPolo", is positioned above the printed name of Ernesto Polo.

Ernesto Polo, PE  
Associate

February 25, 2014

City of Fort Lauderdale  
Procurement Services Division  
RFQ #246-11376



**Ammann & Whitney, Inc.** in association with **Botas Engineering, Inc.**, (DBE), and **Geosol, Inc.** (DBE) appreciates the opportunity to submit this letter of response (LOR) for the Bridge Engineering Consulting Services for the City of Fort Lauderdale. **Ammann & Whitney's Team** offers a depth of professional staff and a project management approach that will provide a quality product that will meet the City's needs. Our staff has enjoyed the challenges presented by our similar past assignments and is eager to bring their experience to this project to effectively and efficiently serve as an extension of the City's staff. To meet these challenges, **Ammann & Whitney**, as prime consultant, will be responsible for overall project management and administration and quality control. We also understand that the following services will be required as part of this contract, including but not limited to: structural analysis, design, development and creation of construction documents for local bridges; perform structural design, analysis, evaluation and inspection of concrete, steel, metal, timber and masonry structures; design of foundation systems for various structures; perform evaluation, analysis and recommendations for soil strengthening and remediation; conduct field investigation and inspections of bridge structural elements followed by design and specifications for repair and replacements; inspect and evaluate concrete repairs and recommend rehabilitation methods; structural engineering design and analysis; cost estimating; and value engineering. We will also ensure timely response and allocation of resources to meet the City's needs. **Ammann & Whitney** has inspected and assessed the structural condition of more than 1000 bridges for the Miami-Dade Expressway Authority (MDX) and for FDOT Districts 1 and 6. Our team has an established in-house quality control plan, knows the key project issues, understands the overall approach to the project, and has the necessary qualifications and experience to successfully complete this project. We will be supported by subconsultants that are leader in their respective fields and have a proven track record.

**CONSULTANT RESPONSIBLE OFFICE :**

Ammann & Whitney, Inc.  
1150 NW 72 Avenue, Suite 350  
Miami, FL 33126  
Phone: 305-261-2006  
Fax: 305-261-2123

**CONTACT PERSON:**

Ernesto Polo, PE  
Phone: 786-362-8521  
Email: [epolo@ammann-whitney.com](mailto:epolo@ammann-whitney.com)

**Subconsultant:**

Botas Engineering Inc. (DBE)  
7875 NW 12th Street  
Doral, FL 33126  
Phone: 305-418-9111  
Fax: 305-418-9112

GEOSOL, Inc. (DBE)  
5795-A NW 151st Street  
Miami Lakes, FL 33014  
Phone (305) 828-4367  
Fax (305) 828-4235

**PROJECT UNDERSTANDING:** **Ammann & Whitney's Team** understands that the primary purpose of this contract is to provide professional bridge engineering services and our staff has vast experience in bridge analysis, design, and inspections for both FDOT and local governments in District 6. Reports should include deficiencies found, recommended corrective action to be taken, and cost estimates for bridges structure requiring repair, rehabilitation or replacement. Report assessment and recommendations shall be in compliance with the imposed guidelines set in the latest edition of the Florida Department of Transportation Standard Specifications for Road and Bridge Construction. Reports shall be signed and sealed by a Florida Professional Engineer as required by Florida Statutes 287.055.

**PROPOSED TEAM AND PROJECT MANAGER:** **Ammann & Whitney's Team** is composed by Bridge Designers, Engineer Interns with bridge inspection experience and Certified Bridge Inspectors with vast experience in the structural assessment and the preparation of cost estimates for the repair, rehabilitation and replacement of all types of bridge. Our team will be led by **Arthur J. Miller, PE, SI** with over 50 years of bridge design, structures design and inspection experience. Leading the efforts for our support team is **Mrs. Patricia Botas, PE**, who has over 30 years of similar experience (including Load Rating Analysis of bridges). Our lead geotechnical engineer, **Mr. Riccobono** has 27 years of experience working on small to large geotechnical engineering projects for the public sector. 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. He has served as geotechnical engineer for many public and private entities including the Florida Department of Transportation.

**AWARENESS OF PROJECT ISSUES:** **Ammann & Whitney** is very familiar with the typical deficiencies found



on bridges and the necessary corrective actions to be taken to preserve structural integrity. On similar past projects, we have established and implemented certain rehabilitation and repair parameters to improve strength and overcome deterioration on all bridge elements. **Repair and Rehabilitation:** Ammann & Whitney has completed repair and rehabilitation projects for bridges and other miscellaneous structures and fully understands the effect of corrosion, impact damage, construction conditions, design issues, bridge inspections and other potential cause of deficient bridges. Our experience can provide important savings in time and increase the service life of the structure. A significant cost savings could be realized by rehabilitating a bridge and addressing the problematic gusset plates. **Structure Inspection and Evaluation:** We will perform a bridge condition assessment with our exceptional in-house inspection staff. We have inspected bridges under FDOT Local Government Bridges contract in compliance with Federal and State regulations. Ammann & Whitney has inspected and prepared Pontis bridge inspection reports for many bridges. Ammann & Whitney will study existing documentation to identify fracture critical members. We will pay close attention to critical locations and details, and previously damaged or repaired areas as they warrant special attention and fatigue-prone details including Gusset Plates, Girders, and Floor Beams. We will analyze **Critical Deficiency Statement** on the first page of the report and a **Traffic Restrictions Statement** under the Structures notes Section of the load rating analysis summary sheet. **Recommended Repairs** already included in the main Pontis report under Recommended Feasible Action will also be analyzed.

The following factors are to be considered when evaluating potential bridge rehabilitation, repair or replacement:

- ◇ **Materials** - do the existing materials warrant special consideration?
- ◇ **Criteria or Event** - does the City have special requirements such as load or traffic capacity upgrading?
- ◇ **Traffic Control** - what considerations must be made to accommodate traffic?
- ◇ **Staging** - what considerations must be made to accommodate the contractor's equipment?
- ◇ **Schedule** - is special scheduling needed to meet certain completion dates and special events?
- ◇ **Cost** - what are the budget limitations?
- ◇ **Historicity** - is the existing bridge historic and must it be preserved in its current or historic configuration?
- ◇ **Aesthetics** - are there special aesthetic requirements that must be met?
- ◇ **Replacement** - is the replacement option viable? Are there constraints that require rehabilitation of the structure
- ◇ **Painting** - is there existing lead based paint and must it be removed or are there new special painting requirements?
- ◇ **Analysis** - is a special structural analysis required using advanced computer or three-dimensional analysis techniques?

Below are several examples our team have discussed during the development of this proposal of possible repair projects that may be required to the bridges. The list was generated from our knowledge of the general bridge deficiencies and previous working experience. This list is not exhaustive but gives the City of Fort Lauderdale a feeling of our knowledge of some of the design issues and how these issues may be resolved.

#### **POSSIBLE TYPICAL REPAIRS NEEDED:**

##### **Concrete Deck Patching**

The need for deck patching is almost always caused by corrosion of the reinforcement. Deck patching is a temporary repair unless all the chloride-contaminated concrete is removed before the deck is patched. For permanent patching a deck survey is performed to identify the areas of concrete removal. The deck survey consists of the tests for delamination, bar cover, chloride content and corrosion potential of reinforcing steel. Based on the information obtained from the survey, deteriorated areas and areas with unacceptable corrosion potentials and/or chloride content will be identified for removal. There are several emergency methods to patch a deck when the hole is full-depth. Caution must be used in evaluating these situations as a structural weakness in the bridge may be overlooked in trying to satisfy traffic demands. Ordinarily plywood with joists may be suspended by wire from the reinforcing steel and a small full-depth hole filled with quick set hydraulic mix. There are several proprietary materials that are available for this type of design and AW will research the appropriate mix and solution.

##### **Upgrading Joints with Compression Seals**

Proper design is imperative to provide a long lasting joint and mitigate extensive maintenance. Currently the compression seal is most often used to upgrade the poured-in-place seals commonly used on older bridges. Installation is made in either a sawed or a formed concrete joint opening. The success of the seal is greatly influenced by the condition of the opening that is provided. It must be properly sized and the sides must be vertical, parallel, straight and clean. Temperature considerations are also vital in determining the proper dimensions between the joint faces when forming or sawing the joint opening. The expansion movement of the deck will be restricted if the joint is too narrow. If it is too wide, a greater than required opening will occur in colder weather resulting in the possible separation of the joint material from the joint face. **AW** will consider all these parameters in the design and detailing.

### **Resetting or Rehabilitating Bearings**

A bearing assembly that is frozen or misaligned must be repaired or replaced; otherwise it may overstress or damage beam ends, columns or other members. Proper planning for this rehabilitation procedure must be based on a thorough analysis of the causes and conditions that make the rehabilitation necessary. The following steps will be taken before any design commences:

**Ammann & Whitney** will determine the cause of the problem. When a bearing is heavily corroded or covered with debris, the rehabilitation should include preventive measures. An out-of-position assembly may be caused by tilting or settlement of the substructure unit; approach pavement shove; creep of the superstructure; vibration from live loads; or lateral force on the superstructure from wind, high water or an over-height vehicle. Identified cases of bearing problems and the likelihood of recurrence should be considered in the rehabilitation design.

**Ammann & Whitney** will evaluate the existing bearings to determine if repair, replacement or upgrading is needed. When the causes of the bearing problems are eliminated, often the existing bearings may only need to be cleaned, lubricated, or repositioned. The recurrence of frozen bearings may indicate that the design should be modified. Many new elastomeric or pot bearing devices may be substituted for sliding and rolling metal assemblies. Replacement devices should be of proven quality and appropriate for the particular structure.

**Repair of Damaged Pre-stressed Concrete Beams** The loss of a significant amount of concrete due to impact or spalling from corrosion of the reinforcing or strands can cause the remainder of the section to fail. If a significant amount of concrete is replaced, the compression may need to be removed from the concrete in the beam around the damaged area. This is done by placing a calibrated load on the bridge while the new concrete is placed and is reaching its design strength. A tendon break due to impact or corrosion may also require tension to be placed back into broken tendons as part of the repair. One design solution is to use cable splices. These splices are anchored to the ends of the damaged cable and a threaded coupler nut between the two anchors is torqued a prescribed amount to produce the tension needed in the cable. The section may then be restored to its original shape. Major repairs may include use of external pre-stressing where feasible or the replacement of the damaged beam and deck portion.

### **Corrosion**

Our team's approach to corrosion of reinforcing steel in concrete is to first evaluate the corrosion condition of a structure. When initial signs of corrosion are present, such as hairline cracks, rust staining of the surface, growing cracks, delaminations, and spalling, a corrosion condition survey must be performed. Data will tell whether there is active corrosion occurring on the structure in question and if so, what corrosion mitigation techniques to use on the structure. This data can also help us perform a life expectancy analysis on the structure. Corrosion of the reinforcing steel is best corrected at the onset, when the damage is not yet pervasive and least costly to avoid. Some alternatives that are available for corrosion control of any engineering system, including reinforced concrete, are coatings and inhibitors and electrochemical techniques.

Coatings and inhibitors can be considered as non-electrochemical techniques, although functioning of the latter (inhibitors) can involve electrochemical processes or mechanisms. Experience with coatings as a part of new construction has not been good, as exemplified by numerous structures where corrosion of ECR (epoxy-coated reinforcement) is a continuing problem. Inhibitors, calcium nitrite in particular, have now evolved to the point where some long term data are available; and they are now routinely incorporated as an admixture in concrete for new structures that are to experience severe exposure to chlorides.

### **DESIGN:**

**Ammann & Whitney** is a full service engineering, architecture, and construction support services firm serving public and private sector clients worldwide since 1946. Our firm has extensive experience in the design and

construction of bridges and miscellaneous structures not only within south Florida, but nationwide as well. Our Team of qualified design professionals have an intimate knowledge of our national infrastructure, having been responsible for the original design, analysis and ongoing repairs of many bridges, highways, transit, rail and aviations facilities. Whatever the type of bridge, **Ammann & Whitney's** portfolio includes them all. In addition to serving as engineer of record for multiple long-span structures, **Ammann & Whitney** also produces superior designs for shorter span structures, including highway bridges over roadways, railroads, ravines and water. Our bridge design experience encompasses all types of bridge including those made of steel, concrete, masonry and timber. We have designed bridges and viaducts to accommodate vehicular, rail, and pedestrian traffic. Our expertise includes the design of long-span suspension, cable-stayed and arch structures; orthotropic steel decks, and a variety of steel truss, steel girder, continuous steel curved girder, pre-stressed concrete beam, post tensioned concrete and segmental box bridges. We are prequalified to design miscellaneous structures, minor bridges, and major bridges within the State of Florida.

We are actively engaged in the design, rehabilitation and inspection of multiple state, local and private bridges within South Florida. Some notable local bridge designs include Old Seven Mile Bridge, SR-112/Julia Tuttle Causeway, SR-5/US-1 Bridge over Bahia Honda, and the SR-836-I-395 Interchange Bridges.

Our firm is prepared to provide all design services required for the construction of bridges and have individuals qualified in structural design, seawall, design, constructability, drainage and scour evaluation, and permitting. Key staff from all disciplines are available in house will work together to assure an integrated approach that insures that the City will receive designs which are cost efficient, sustainable, permissible, and aesthetically appealing with minimal impact to the environment and the public.

#### **INSPECTIONS:**

**Top Side:** Our team will collect and review all available design plans, repair plans, rehabilitation plans and previous inspection reports, then evaluate the data to determine if there is advanced deterioration occurring at the structure. We will provide a Florida Licensed Professional Engineer (PE) or a Certified Bridge Inspector (CBI) for all field inspections and reporting. Deficiency dimensions and locations will be noted. Probable cause of deficiencies will be identified and all deficiencies described in the previous inspection reports will be addressed. Corrective actions will be recommended; color photos and sketches will be used to illustrate examples of severe and common deficiencies; measuring tapes or rulers will be included in the photos to provide scale. Where necessary, vegetation, dirt and debris will be removed. Should a major cleaning be required, the City will be consulted.

Since the majority of structures in this contract are located along high traffic volume roads, the safety of our staff and the safety of the motoring public is our top priority. We have identified **Mark Kuntz, PE** and **Ernesto Polo, PE** as our Florida Advanced Work Zone Traffic Control Engineers who will establish traffic control procedures and coordinate with all affected agencies. Our inspection team understands that lane closures are to be used only when absolutely necessary. We will assign multiple teams within the closures to increase efficiency and limit traffic impacts.

**OTHER CONSIDERATIONS:** **AW's** seasoned and experienced team have done this type of work before. We understand the logistics of your daily functions and who are immediately available to begin work on the project. Our QA/QC process will ensure that tasks are met consistently, to the satisfaction of the City. We will be available 24/7 for emergency inspections, if necessary. **AW's** key personnel will remain throughout the entire term of the contract.

We welcome the opportunity to provide City of Fort Lauderdale with our professional services for this contract and we look forward to your favorable response. I can be reached at 786.362.8521 or by email at [epolo@ammann-whitney.com](mailto:epolo@ammann-whitney.com).

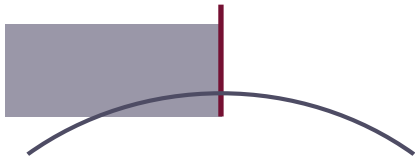
Very truly yours,



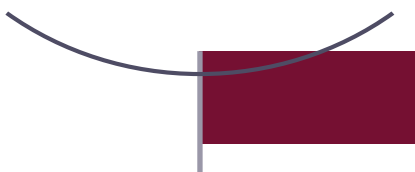
Ernesto Polo, PE







## Qualifications of the Firm



# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

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

Bridge Engineering Consulting Services, City of Fort Lauderdale

2. PUBLIC NOTICE DATE

02/05/2014

3. SOLICITATION OR PROJECT NUMBER

RFQ # 246-11376

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Ernesto Polo, P.E. (Office Manager)

5. NAME OF FIRM

Ammann & Whitney

6. TELEPHONE NUMBER

305-261-2006

7. FAX NUMBER

305-261-2123

8. E-MAIL ADDRESS

epolo@ammann-whitney.com

### C. PROPOSED TEAM

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

(Check)				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER SUBCON- TRACTOR			
a.	<input checked="" type="checkbox"/>			Ammann & Whitney <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1150 NW 72nd Avenue Suite 350 Miami, Florida 33126	Top Side inspection, Scheduling, Coordination, Report Preparation, Cost Est.
b.			<input checked="" type="checkbox"/>	BotasEngineering <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	7875 NW 12th Street Doral, FL 33126	Design, Inspection, Load Rating
c.			<input checked="" type="checkbox"/>	Geosol Inc <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5795-A NW 151st street Miami Lakes, FL 33014	Soil Studies, Recommendations and Design
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

*(Attached)*







# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

## PART II – GENERAL QUALIFICATIONS

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


2a. FIRM (or branch office) NAME <b>GEOSOL, INC.</b>			3. YEAR ESTABLISHED <b>2000</b>	4. DUNS NUMBER
2b. STREET <b>5795-A NW 151<sup>ST</sup> Street</b>			5. OWNERSHIP <b>Corporation</b>	
2c. CITY <b>Miami Lakes</b>	2d. STATE <b>FL</b>	2e. ZIP CODE <b>33014</b>		
6a. POINT OF CONTACT NAME AND TITLE <b>Oracio Riccobono, P.E.</b>			a. TYPE	
6b. TELEPHONE NUMBER <b>(305) 828-4367</b>			b. SMALL BUSINESS STATUS <b>Certified DBE (FDOT) &amp; CBE (Miami-Dade County)</b>	
6c. E-MAIL ADDRESS <b>Geosolusa@bellsouth.net</b>			7. NAME OF FIRM (if block 2a is a branch office) <b>N/A</b>	
8a. FORMER FIRM NAME(S) (if any) <b>N/A</b>			8b. YR. ESTABLISHED <b>N/A</b>	8c. DUNS NUMBER

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			
	Administrative	1		27	Geotechnical Services in 2013	6
	Civil Engineers	1		27	Geotechnical Services in 2012	6
	Soils Engineers	4		27	Geotechnical Services in 2011	6
	Engineering Technicians	4		27	Geotechnical Services in 2010	6
	Draftmen	1		27	Geotechnical Services in 2009	6
					Geotechnical Services in 2008	6
					Geotechnical Services in 2007	5
					Geotechnical Services in 2006	5
					Geotechnical Services in 2005	5
					Geotechnical Services in 2004	5
					Geotechnical Services in 2003	4
					Geotechnical Services in 2002	4
					Geotechnical Services in 2001	3
	Other Employees					
	<b>Total</b>	<b>11</b>				

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		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	<b>\$1,500,000</b>	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	<b>\$1,500,000</b>	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 <b>2/13/14</b>
---	---------------------------

c. NAME AND TITLE  
**Oracio Riccobono, P.E.**

AUTHORIZED FOR LOCAL REPRODUCTION  
MANDATORY USE DATE OF FORM 5/1/2004

STANDARD FORM 330 (6/2004) PAGE 6

# *State of Florida*

## *Department of State*

I certify from the records of this office that AMMANN & WHITNEY, INC. is a corporation organized under the laws of the State of Florida, filed on October 16, 1981.

The document number of this corporation is F50732.

I further certify that said corporation has paid all fees due this office through December 31, 2013, that its most recent annual report/uniform business report was filed on January 10, 2013, 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 Twenty-second day of  
November, 2013*



*Ken DeFina*  
*Secretary of State*

Authentication ID: CU5129816144

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

**Ammann & Whitney 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: 228201505183 I

**Certificate of Authorization**

CA Lic. No:

4355

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

LICENSE NUMBER

AA26001851

The ARCHITECT CORPORATION  
Named below IS CERTIFIED  
Under the provisions of Chapter 481 FS.  
Expiration date: FEB 28, 2015

AMMANN & WHITNEY INC  
1150 NW 72ND AVENUE  
SUITE 350 TOWER 1  
MIAMI FL 33126



RICK SCOTT  
GOVERNOR

ISSUED: 02/14/2013 SEQ# L1302140000614  
DISPLAY AS REQUIRED BY LAW

KEN LAWSON  
SECRETARY





State of Florida  
 Board of Professional Engineers  
 2639 North Monroe Street, Suite B-112  
 Tallahassee, FL 32303-5268

Botas Engineering, Inc.  
 7875 N.W. 12TH STREET  
 #120  
 DORAL, FL 33126

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.

# State of Florida

Board of Professional Engineers

Attests that

**Botas Engineering, Inc.**



**FBPE**  
 FLORIDA BOARD OF  
 PROFESSIONAL ENGINEERS

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: 228201500300

Certificate of Authorization

CA Lic. No:  
 7898

EXHIBIT 5

14-0553

# State of Florida

## Board of Professional Engineers

Attests that

**Geosol, Inc.**



**FBPE**

FLORIDA BOARD OF  
PROFESSIONAL ENGINEERS

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.

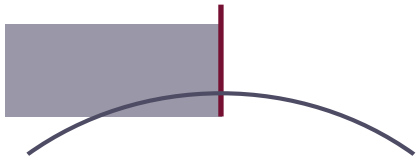
Expiration: 2/28/2015

Audit No: 228201502804

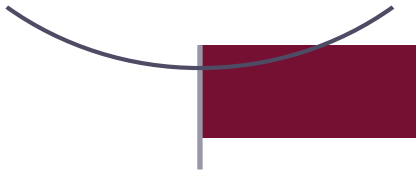
CA Lic. No:  
8530

**Certificate of Authorization**





# Qualification of the Project Team





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

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

12. NAME  ARTHUR J. MILLER, PE, SI	13. ROLE IN THIS CONTRACT  PROJECT MANAGER	14. YEARS EXPERIENCE	
		a. TOTAL 50	b. WITH CURRENT FIRM 30
15. FIRM NAME AND LOCATION <i>(City and State)</i> AMMANN & WHITNEY			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S. Structural Engineering, University of Illinois B.S. Civil Engineering, University of Illinois		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Special Inspector, S.I. 874  Professional Engineer, Florida: 21471, Arizona: 8165, California: 21327, Ohio: 22611	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Overhead Sign Inspection Services, Florida Department of Transportation District 4:		
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Providing Q/C and Q/A on Inspection reports for Overhead Sign Inspections, for which Avart-Ammann and Whitney are a sub consultant to Marlin Engineering. Dates Worked: 2013—Present, Project Contact: Marlin Engineering, Inc. Miguel Soria, PE (305) 447-2575.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Districtwide Local Government In-Depth Bridge Inspection On/Off System, Florida Department of Transportation District 6.	2013	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager of the ongoing contract for District wide Local Government in Depth Bridge Inspection On/Off System. This requires scheduling and monitoring of Inspection Teams, and Sub-Consultants, preparation of reports and providing Q/C and Q/A of the final inspection reports. Dates Worked: 2011-2013, Project Contact: Pablo Orosco, PE (305) 470-5370.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Asset Management Services, Florida Department of Transportation, Monroe County, FL	2013	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Reviewing Bridge Inspector Supervisor. Asset Management for Monroe County along SR-5. Responsible for reviewing the routine, fracture critical, interim, special and emergency inspections for bridges such as Old Seven Mile Bridge, New Seven Mile Bridge, Long Key Bridge, Niles channel Bridge and Channel #5 Bridge. Dates Worked: 2007-2013, Project Contact: Transfield Services, Hernan Garcia, PE (305) 698-7500.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Miami-Dade Expressway Authority (MDX) and Florida Department of Transportation District 6	2011	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Reviewing Bridge Inspector Supervisor. Responsible for execution of bridge overhead sign and high mast light pole Inspections in Miami Dade and Monroe Counties including the MDX system and the FDOT structures along A1A through the Florida Keys. Duties include structural NBI and special inspections of open girder and segmental bridges, structural NBI and special inspection of in-service highway signs, report preparation and Q/C and Q/A.	<input checked="" type="checkbox"/> Check if project performed with current firm	
SR-826/Palmetto Expressway and SW 8th Street/Tamiami Trail Interchange, Miami, FL		
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Chief Engineer, Project consists of the design of seven bridges, one mile of noise walls and bulkheads and ten sign structures. The phase construction on the project is complex, including the maintenance of all vehicular movements.	<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>ROBERT H. LIN, PE</b>	13. ROLE IN THIS CONTRACT  Senior Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL  28	b. WITH CURRENT FIRM  12
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>AMMANN &amp; WHITNEY</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>  MS, Structural Engineering, City College of New York		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>  Professional Engineer: Florida 69746, New York, Connecticut, New Jersey	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> <b>(MNRR) Engineering Services for Condition, In-depth, Diving and Confined Space Inspections, Load Ratings and Strain Gage Testing</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES  2013	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. Project Manager: This project involves the condition inspection of 792 bridges (403 undergrade bridges and 389 overhead bridges); in-depth inspection and load rating of 97 bridges and strain gage testing of 20 bridges. All bridges included within the scope of this project carry or cross Metro-North Railroad's right-of-way within New York State.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>(NYSDOT) Corrective and Preventive Maintenance of Retaining Walls, Staten Island, Bronx, Brooklyn, Queens and New York City</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES  2013	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. Project Manager: For this project, Ammann & Whitney provided screening for 1200 retaining walls and inspection 620 NYSDOT owned priority retaining walls within Region 11. The identified priority retaining walls combined for a total length of approximately 125,000 linear feet or 1,786,000 square feet. This project also includes the in-house development of a retaining wall management program consisting of rating criteria, rating database, and all inspection forms.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>(MNRR) Inspection and Rehabilitation Design and Construction of Retaining Walls Hudson and New Haven Lines, NY</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES  2013	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. Project Manager: This project included the inspection of Metro-North owned retaining walls on the New Haven Lines. Included in this project is the inspection, reporting, repair prioritization, and conceptual repair design and estimates for retaining walls supporting and protecting the Metro-North Railroad right-of-way. In addition to inspection, this project included preparing the "Metro-North Inspection Guide for Retaining Walls".		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>(MNRR) Engineering Services for Inspection and Level I Load Rating for Prospect Hill Road Bridge HA 53.04, Brewster, NY</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES  2011	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. Project Manager for this project that called for an in-depth bridge inspection and a Level 1 Load Rating of the Prospect Hill Road Bridge. The bridge, closed to traffic, was built in 1910. It crosses the Harlem Line, the Brewster Rail Yard tracks and the Metro-North employee parking lot. The goal of the inspection and load rating program was to determine whether the bridge could be reopen to vehicular traffic and if so at what posted load.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> <b>(NYSDOT) Henry Hudson Parkway Viaduct over Amtrak between 72nd Street and 82nd Street, New York, NY</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES  2010	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e. Project Manager for this project that provided detailed inspection, condition evaluation, structure analysis, load ratings, and an inspection report and submitted ADP documents of the required repairs. Design work included repair and retrofit detail design and estimates for concrete abutment, retaining wall, steel column, stringer, floor beam, bracing, bearing, roadway pavement and concrete deck.		
<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		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
JORGE A. CANALES, PE		QA/QC		a. TOTAL 44	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION <i>(City and State)</i>					
AMMANN & WHITNEY					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
BS Civil Engineering, University of Missouri at Columbia BS Building Engineering, University of Missouri			Professional Engineer: Florida: 60444		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>					
National Highway Institute Certified Instructor					

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Florida Department of Transportation District 6 District wide Local Government In-Depth Bridge Inspection On/Off System	2013	
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 Reviewing Bridge Inspector Supervisor. Responsible for the quality control and quality assurance for the routine, interim, initial and emergency inspections, and PONTIS inspection reports. Project Manager: Pablo Orosco, P.E. (305) 470-5370.		
Florida Department of Transportation District Six. Asset Management Monroe County, FL	2013	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for scheduling and monitoring Inspection teams, preparations of PONTIS inspection reports for highway/pedestrian bridges, overhead signs, high mast light poles and traffic signal mast arms providing QC/QA of final inspection reports for submittal to FDOT Project Manager along SR 5 through the Florida Keys. Transfield Services, Hernan Garcia, P.E. (305) 698-7500.		
Florida Department of Transportation District Four Overhead Sign Inspection Services		
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Reviewing Bridge Inspector Supervisor. Responsible for the quality control/quality assurance for the routine, interim, initial and emergency inspection, and PONTIS inspection reports for overhead signs. Marlin Engineering, Inc. Miguel Soria, P.E. (305) 447-2575.		
Miami Dade Expressway Authority (MDX). Miami Dade County	2007	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for the scheduling and monitoring of inspection teams, preparation of PONTIS Reports, and providing QC/QA of the final inspection reports for submittal to MDX for the routine, interim, initial and emergency inspections and PONTIS Inspection Reports for highway/pedestrian bridges, overhead signs, high mast light poles in Miami Dade. Project Manager: Alfred Lurigados, P.E. (305) 637-3277		
Florida Department of Transportation District Six	2007	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm I-395 Rehabilitation/Repairs Structures 870366, 870575, 870363 and 870582. Responsible for the special inspection, quality control and quality assurance in the design and preparation of contract documents for the rehabilitation/repairs of concrete columns, concrete caps, concrete traffic barrier and replacement of joint seal, and steel bearing replacement. Project Manager: Luis Amigo (305) 470-5436		



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

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

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
ADRIAN E. LEON, EI, CBI		Deputy Project Manager / Lead Inspector		a. TOTAL 4	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i>					
AMMANN & WHITNEY					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
BS Civil Engineering, Florida International University			Engineering Intern Florida: 1100015370 C.B.I. Safety Inspection of In-Service Bridges License #00513		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>					
LEED Green Associate Course, 2012					

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Overhead Sign Inspection Services, Florida Department of Transportation District 4		
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 Lead Inspector responsible for performing visual structural inspections for various types of overhead signs including bridge signs, cantilever, butterfly and cable signs. Responsible for generating and submitting PONTIS inspection reports. Mr. Leon presently serves as Deputy Project Manager under this contract. Responsible for scheduling; assigning staff; allocating resources; assessing risk and its management.		
District wide Local Government In-Depth Bridge Inspection On/Off, Florida Department of Transportation District 6	2013	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Bridge Inspector and deputy manager. Performs structural inspections for various types of bridges including but not limited to movable and fracture critical bridges. Responsible for assisting lead inspectors in the visual routine, interim, initial and emergency inspections of the structures and for generating and submitting to FDOT Project Manager the PONTIS inspection reports, addressing review comments from FDOT's.		
Asset Management Services, Florida Department of Transportation, Monroe County, FL	2013	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Bridge Inspector. Performs structural inspections for various types of bridges including, but not limited to AASHTO Prestressed I-Beam on Prestressed Battered Pile Bents; Segmental Bridge structures including the Seven-Mile Bridge, Dante B. Fascel Bridge, Niles Bridge and Channel 5 Bridge, bi-annual and interim inspections of the Old Seven Mile Bridge, overhead signs, traffic signals mast arms and high masts light poles along the SR A1A		
Beacon Steel Tower Inspection, Broward County Public Schools	2011	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assistant Inspector. Performed Structural Inspection on the 240'-high communication, (Beacon School Board Broward County) steel tower located in Fort Lauderdale, Florida. Dates Worked: 1/2011—2/2011, Project Contact: Gerry Devio (754) 321-1598.		
Royal Caribbean Facilities Re-roofing, Port Authority of Miami.	2010	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Engineer, Assisted Senior Structural Engineer to review feasibility studies and determine alternative solutions to replace facility roof. Responsible for the preparation of Contract Design Plans. Design in accordance and compliance with the applicable codes and regulations. Prepare drawings, specifications and contract. Dates Worked: 7/2010—9/2010, Project Contact: Victoria Valdez (305) 347-3239.		

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

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

12. NAME  EVERTON KING, C.B.I.	13. ROLE IN THIS CONTRACT  Bridge Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION <i>(City and State)</i> AMMANN & WHITNEY			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS Civil Engineering, University of the Southbank UK City and Guilds Structural Engineer Certificate, Vauxhall School of Building, UK		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> C.B.I. Safety Inspection of In-Service Bridges License #0404	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> LEED Green Associate Course, 2012			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> Overhead Sign Inspection Services, Florida Department of Transportation District 4	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. Lead Bridge Inspector responsible for performing visual structural inspections for various types of overhead signs including bridge signs, cantilever, butterfly and cable signs. Responsible for generating and submitting PONTIS inspection reports. Mr. Leon presently serves as Deputy Project Manager under this contract. Responsible for scheduling; assigning staff; allocating resources; assessing risk and its management.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> District wide Local Government In-Depth Bridge Inspection On/Off, Florida Department of Transportation District 6	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. Bridge Inspector. Performs structural inspections for various types of bridges including but not limited to movable and fracture critical bridges. Responsible for the lead inspections, interim, initial and emergency inspections of the structures and for generating and submitting to FDOT Project Manager the PONTIS inspection reports, addressing review comments from FDOT's.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Asset Management Services, Florida Department of Transportation, Monroe County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. Bridge Inspector. Performs structural inspections for various types of bridges including, but not limited to AASHTO Prestressed I-Beam on Prestressed Battered Pile Bents; Segmental Bridge structures including the Seven-Mile Bridge, Dante B. Fascel Bridge, Niles Bridge and Channel 5 Bridge, bi-annual and interim inspections of the Old Seven Mile Bridge, overhead signs, traffic signals mast arms and high masts light poles along the SR A1A		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Florida Department of Transportation District 6 SR-826/Palmetto Express	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. Bridge Design Engineer responsible for the design and post design services of seven bridges, one mile of noise walls and bulkheads, and ten sign structures. The phase construction on the project is complex, including the maintenance of all vehicular movements. Bridge classified as major.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Florida Department of Transportation District 1 CR 17 Bridge over CSX	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e. Bridge Design Engineer Responsible for the preparation of the Bridge Development Report for the bridge replacement, followed by the structural design of the bridge. This bridge was a single-span AASHTO beam, with cast-in-place concrete slab.		
<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  Patricia M. Botas, P.E.	13. ROLE IN THIS CONTRACT  Chief Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION <i>(City and State)</i> 7875 NW 12th Street, Suite 120 Doral, Florida 33126			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BSCE - Structural Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Professional Engineer - Civil	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> General Contractor, Threshold Inspector, UBC Inspector			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Boynnton Beach Blvd. over I-95, Boynton Beach, Florida	2003	2007
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 Structural design and plans preparation to replace and upgrade the existing traffic barrier and sidewalk to comply with current FDOT Standards and loading requirements, the eastbound and westbound sidewalk were widened. Also, the AASHTO girder bridges were load rated to implement the new loading conditions (sidewalk and traffic barrier upgrades). The FDOT BARS and SALOD programs were used to load rate these bridges.		
116th Way Bridge over Miami Canal, Medley, Florida	2009	2010
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Rehabilitation and retrofit of an existing 3-span bridge which consists of precast/prestressed slab units and the widening with consists of a continuous cast-in-place deck; this includes repair of different types of spalls, injection of cracks, resurfacing with an epoxy overlay material, and retrofit of the expansion joints.		
I-595 Improvement Project, Fort Lauderdale, Florida	2009	2013
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designed the widening of 5 existing bridges to comply with the improvement of I-595. The existing bridges and the widening were load rated using the Load Resistance Factor Rating (LRFR) and the Load Factor Rating (LFR) method per FDOT Dist. 4 request.		
FDOT – District 6 – Districtwide Bridge Load Rating	2008	2013
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Inspection of approximately 250 local and state bridges to determine deficiencies and section losses to be implemented in the load rating calculations. These bridges included 13 bascule bridges (with single or double leaves), steel girder bridges (straight and curved), arch bridges and concrete bridges (prestressed and cast-in-place).		
City of Jacksonville	2006	2007
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Rehabilitation and retrofit of a historical 4-span bridge which consists of precast/prestressed slab units. The rehabilitation consisted of structurally repairing different types of spalls (including adding rebars if required) retrofitting the expansion joints, crack epoxy injection and an epoxy overlay.		

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

(Complete one Section E for each key person.)

12. NAME Oracio Riccobono, P.E.	13. ROLE IN THIS CONTRACT Geotechnical Engineer	14. YEARS EXPERIENCE	
		A. TOTAL 26	B. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) GEOSOL, Inc.; 5795-A NW 151 <sup>st</sup> Street, Miami Lakes, FL 33014			
16. EDUCATION (Degree and Specialization) Civil Engineer (BSCE) and Master Degree (MSCE in Geotechnical Engineering)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Registration No. 49324 (Florida, Civil Engineering)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers Florida Engineering Society			

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>a.</b>	Areawide and Districtwide Geotechnical Consultant, FDOT Districts 4 and 6, over from Monroe to Osceola Counties	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2003 – Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Geotechnical Engineer responsible for negotiating each task work orders (TWO), planning the geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering reports with foundation design and construction recommendations for new and existing roadway projects during Preliminary and Final Design phases. Budget cap of \$1.5 millions. To date, we have successfully executed over 250 Task Work Orders and have spent \$1.3 millions.			
<b>b.</b>	NW 57th Avenue/Red Rd./SR 823 Widening from Okeechobee Road/SR 25 to West 21st St., City of Hialeah, FDOT District 6	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2005-2011	2011-2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
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 ¼-mile of roadway widening, including a pedestrian bridge over SR 25 and sheet pile walls along the Red Road Canal. Geotechnical fees were \$200,000			
<b>c.</b>	NW 57th Avenue/Red Rd./SR 823 Widening From W. 46th Street to W. 54th Street, City of Hialeah, FDOT District 6	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2012-2013	On-Going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
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. Geotechnical fees during design were \$60,000			
<b>d.</b>	NW 57th Avenue/Red Rd./SR 823 Widening From W. 54th Street to W. 84th Street, City of Hialeah, FDOT District 6	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2012-2013	On-Going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
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. Geotechnical fees during design were \$80,000			
<b>e.</b>	SR-836/I-95 Interchange Improvements, Miami-Dade County, FDOT District 6.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2011-2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
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. Geotechnical fees were \$550,000			



# State of Florida

Board of Professional Engineers

Attests that

**Arthur J. Miller**



**FBPE**

FLORIDA BOARD OF  
PROFESSIONAL ENGINEERS

**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**

Expiration: 2/28/2015

Audit No: 228201531043

**Special Inspector**

P.E. Lic. No: 21471

SI Lic. No: 874

# State of Florida

Board of Professional Engineers

Attests that

**Jorge Alberto Canales, P.E.**



**FBPE**

FLORIDA BOARD OF  
PROFESSIONAL ENGINEERS

**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**

Expiration: 2/28/2015

Audit No: 228201519357

P.E. Lic. No:

60444



# State of Florida

Florida Board of Professional Engineers

By This

## Certificate

Bears Witness That

**Adrian E. Leon**

Has satisfactorily demonstrated qualifications in engineering fundamentals, technical subjects, mathematics and basic sciences and is hereby recognized as an

## Engineer Intern

In Testimony whereof, witness the signature  
of the Chair under the seal of the Board

this 2 day of MAR, 2011.



No: 1100015370

Audit No: 22820130345

*John C. Sunde*

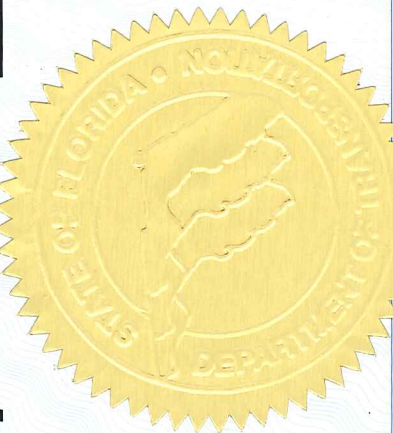
Chair, Board of Professional Engineers



# Certified Bridge Inspector

Whereas Adrian E. Leon has shown competency and fitness to conduct bridge inspection as set forth in the National Bridge Inspection Standards and Florida Statute 335.074 Bridge Inspection Standards,

Therefore, under the authority granted by Chapter 14-48 Florida Administrative Code, the State of Florida Department of Transportation hereby issues this certificate numbered 00513 as provided by law and object to the powers or revocation vested in said Department on this 22nd day of October 2012, A.D.



  
BRIDGE MANAGEMENT INSPECTION ENGINEER

  
STATE STRUCTURES MAINTENANCE ENGINEER



# Certified Bridge Inspector

Whereas Everton King has shown competency and fitness to conduct bridge inspection as set forth in the National Bridge Inspection Standards and Florida Statute 335.074 Bridge Inspection Standards,

Therefore, under the authority granted by Chapter 14-48 Florida Administrative Code, the State of Florida Department of Transportation hereby issues this certificate numbered 00404 as provided by law and object to the powers or revocation vested in said Department on this 3rd day of December 2004, A.D.



*Richard J. Hen*

BRIDGE MANAGEMENT INSPECTION ENGINEER

*John C. Davis*

ENGINEER OF STRUCTURE MAINTENANCE





State of Florida  
 Board of Professional Engineers  
 2639 North Monroe Street, Suite B-112  
 Tallahassee, FL 32303-5268

Patricia Maria Botas  
 7875 NW 12TH STREET  
 SUITE 120  
 DORAL, FL 331260000

**State of Florida**  
 Board of Professional Engineers  
 Attests that  
**Patricia Maria Botas**



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
 Expiration: 2/28/2015 P.E. Lic. No: 41829  
 Audit No: 228201514787 **Special Inspector** SI Lic. No: 6983595

**NOTICE**

Pursuant to a change in Rule 61G15-22.006, F.A.C., FBPE no longer requires that continuing education be reported by the provider. Instead, licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of four (4) hours of Area of Practice and four (4) hours of Florida Laws & Rules, all taken prior to February 28, 2013. Any CE hours taken after February 28, 2013 will result in a \$100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

**State of Florida**  
 Board of Professional Engineers  
 Attests that  
**Patricia Maria Botas**



**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**  
 Expiration: 2/28/2015 P.E. Lic. No: 41829  
 Audit No: 228201514787 **Special Inspector** SI Lic. No: 6983595

# State of Florida

Board of Professional Engineers

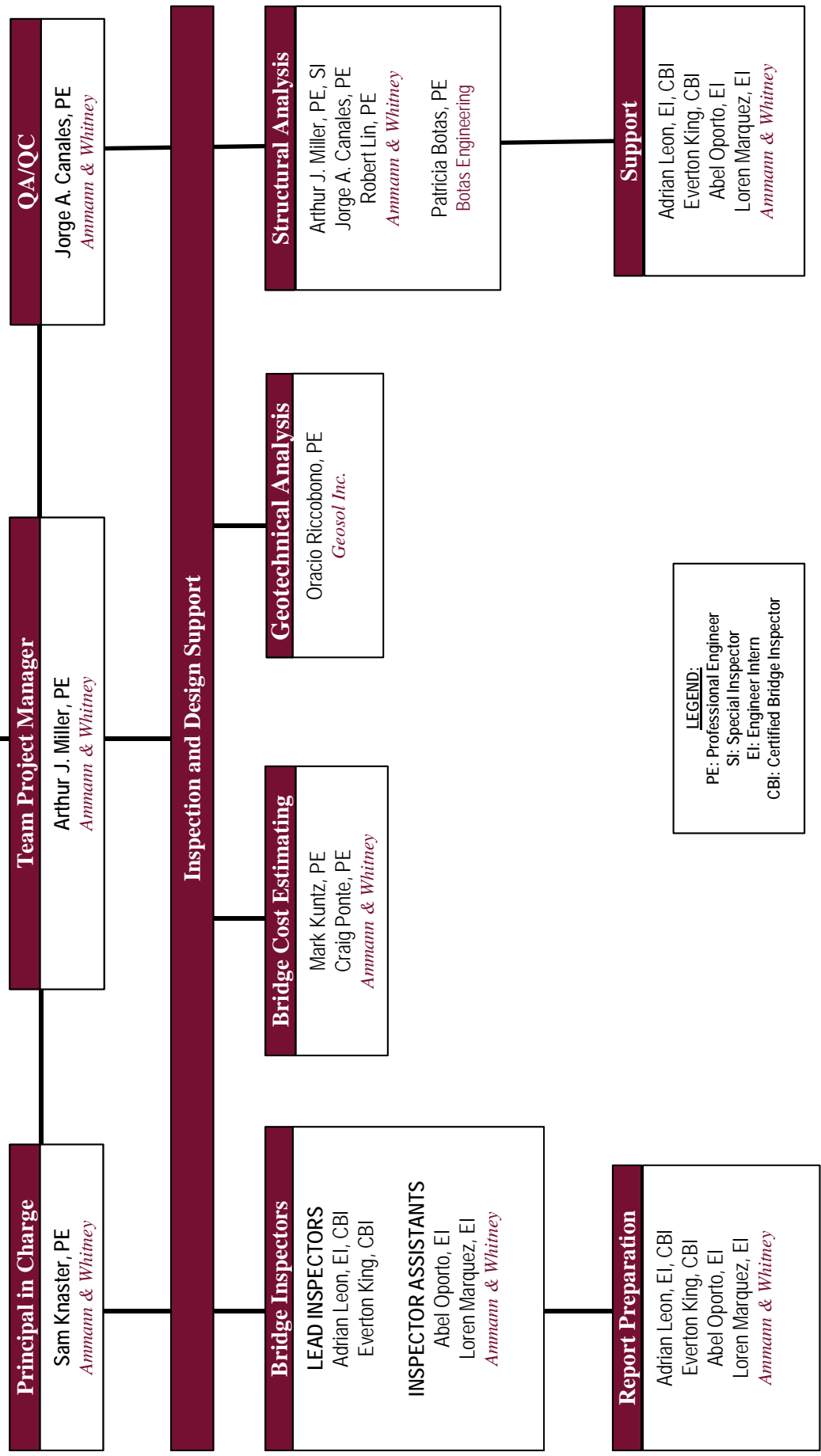
Attests that

**Oracio Riccobono, P.E**



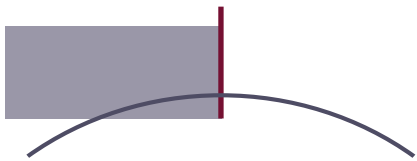
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015  
Audit No: 228201521955  
P.E. Lic. No: 49324



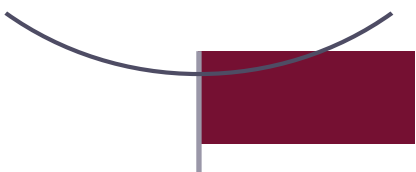


**LEGEND:**  
 PE: Professional Engineer  
 SI: Special Inspector  
 EI: Engineer Intern  
 CBI: Certified Bridge Inspector





## Project Manager Experience



February 25, 2014

City of Fort Lauderdale  
RFQ #246-11376  
Public Works Department



## 5. Project Manager's Experience

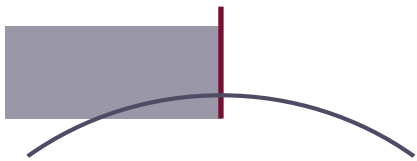
Arthur Miller has over 50 years of engineering and administration experience, encompassing all phases of structural, sanitary and civil engineering, and particularly, a variety of transportation and bridge design projects. As a Senior Vice President, Mr. Miller coordinates design and construction management activities for a broad scope of multi-disciplined projects and frequently serves as a Project Manager. He was Project Manager on two FDOT bridge inspection projects that were just completed. He also oversees all Construction Engineering Inspections (CEI) Services. He has provided Threshold Inspection on Miami-Dade County Public Schools (M-DCPS) and School Board of Broward County (SBBC) projects and acted as "Structural Engineer of Record" on behalf of the Facilities and Construction Department of the Broward County School District for fifty years.

### **Education**

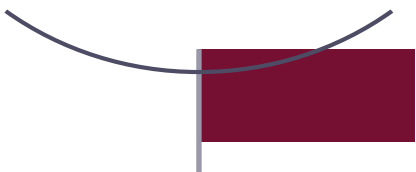
M.S. Structural Engineering,  
University of Illinois  
B.S. Civil Engineering,  
University of Illinois

### **Licenses**

Florida Special Inspector:  
S.I. 874  
Professional Engineer:  
Florida: 21471  
Arizona: 8165  
California: 21327  
Ohio: 22611



## Approach to the Scope of Work



February 25, 2014

City of Fort Lauderdale  
Procurement Services Division  
RFQ #246-11376



## **6. Approach to Scope of Work:**

**Ammann & Whitney** recognizes that the success of any project is largely dependent upon the personnel assigned to it. We selected key project staff members who have extensive experience providing design services for bridge projects. They are senior staff members with proven management and technical skills who have worked closely with each other and have familiarity with local requirements. In addition, they have inspected and evaluated possible repair options and have prepared cost estimates for bridges including the visual condition of each element and determined the level and the nature of each deficiency. Repairs recommendations with details/sketches/photos and technical specifications for each deficiency will be provided for each structural element. If, during the visual inspection of the bridge, it is found that the structural condition of a bridge requires rehabilitation or replacement of the structure, we will immediately inform the City of Fort Lauderdale in writing of our findings.

**Structure Design:** We will perform a bridge condition assessment with our exceptional in-house inspection staff. We have designed and inspected many bridges for a multitude of local agencies including the Florida Department of Transportation in compliance with Federal and State regulations. **Ammann & Whitney** will study existing documentation to identify fracture critical members. We will pay close attention to critical locations and details and previously damaged or repaired areas as they warrant special attention and fatigue-prone details including Gusset Plates, Girders, and Floor Beams. We will analyze **Critical Deficiency Statement** on the first page of the Pontis report and a **Traffic Restrictions Statement** under the Structures notes Section of the load rating analysis summary sheet. **Ammann & Whitney** is very familiar with the typical deficiencies found on bridges and the necessary corrective actions to be taken to preserve structural integrity. On similar past projects, we have established and implemented certain Rehabilitation and Repair parameters to improve strength and overcome deterioration on bridge elements. These repair strategies must be evaluated for both their appropriateness to the type of distress and as a method to alleviate the cause of the distress. **Load Ratings:** Our Team is well-trained in load rating and Load Resistance Factor Rating (LRFR), including working stress and load factor. Our experience can be greatly utilized for quality assurance and control reviews as well. **Coating Evaluation and Design:** Our Team is well familiar with changing FDOT specifications regarding new paint systems and maintenance painting, and awareness of recent additions in the FDOT's Qualified Product List. Identification and proper handling of hazardous materials is important as paint can harm the environment. **Drainage/Scour Analysis:** Having completed numerous projects for FDOT involving drainage design and multiple phased scour analysis, we will be able to provide careful investigation and cost-effective solutions to address any drainage or scour concerns. **Geotechnical:** Our Team has the capability to evaluate any necessary geotechnical considerations, including soil penetration testing, evaluation of existing records, and soil modeling for structural analysis. Our close working relationship allows for immediate response for whatever services a given assignment requires. **Contract Document Preparation:** Our familiarity with local and FDOT procedures and design manuals enables production of documentation in full compliance. Cost estimates, including Long Range Estimates, can be provided. Proficiency of our staff on previous FDOT projects allows the creation of the project specifications package with relevant Special Provision and Supplemental Specification included.

We will check all alternatives using sound engineering principles of material behavior. The following factors are to be considered when evaluating potential bridge rehabilitation, repair or replacement:

**Materials** - do the existing materials warrant special consideration?

**Criteria or Event** - does the City have special requirements such as load or traffic capacity upgrading?

**Traffic Control** - what considerations must be made to accommodate traffic?

**Staging** - what considerations must be made to accommodate the contractor's equipment?

**Schedule** - is special scheduling needed to meet certain completion dates and special events?

**Cost** - what are the budget limitations?

**Historicity** - is the existing bridge historic and must it be preserved in its current or historic configuration?

**Aesthetics** - are there special aesthetic requirements that must be met?

**Replacement** - is the replacement option viable? Are there constraints that require rehabilitation of the structure?



**Painting** - is there existing lead based paint and must it be removed or are there new special painting requirements?

**Analysis** - is a special structural analysis required using advanced computer or three-dimensional analysis techniques?

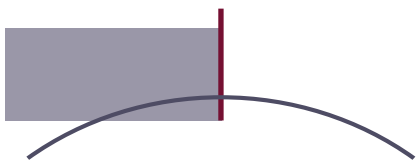
**Ammann & Whitney's** proposed key staff is **fully available for this project**. Our office is fully available for the City's representatives to use if need it for meetings. We own a **boat and a bucket truck** which will facilitate access to the bridges where need it.

**Ammann & Whitney** is a full service engineering, architecture, and construction support services firm serving public and private sector clients worldwide since 1946. Our firm has extensive experience in the design and construction of bridges and miscellaneous structures not only within south Florida, but nationwide as well. Our Team of qualified design professionals have an intimate knowledge of our national infrastructure, having been responsible for the original design, analysis and ongoing repairs of many bridges, highways, transit, rail and aviations facilities.

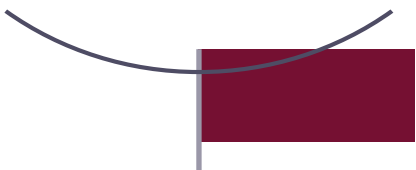
Whatever the type of bridge, **Ammann & Whitney's** portfolio includes them all. In addition to serving as engineer of record for multiple long-span structures, **Ammann & Whitney** also produces superior designs for shorter span structures, including highway bridges over roadways, railroads, ravines and water. Our bridge design experience encompasses all types of bridge including those made of steel, concrete, masonry and timber. We have designed bridges and viaducts to accommodate vehicular, rail, and pedestrian traffic. Our expertise includes the design of long-span suspension, cable-stayed and arch structures; orthotropic steel decks, and a variety of steel truss, steel girder, continuous steel curved girder, pre-stressed concrete beam, post tensioned concrete and segmental box bridges. We are prequalified to design miscellaneous structures, minor bridges, and major bridges within the State of Florida.

We are actively engaged in the design, rehabilitation and inspection of multiple state, local and private bridges within South Florida. Some notable local bridge designs include Old Seven Mile Bridge, SR-112/Julia Tuttle Causeway, SR-5/US-1 Bridge over Bahia Honda, and the SR-836-I-395 Interchange Bridges.

Our firm is prepared to provide all design services required for the construction of bridges and have individuals qualified in structural design, seawall, design, constructability, drainage and scour evaluation, and permitting. Key staff from all disciplines are available in house will work together to assure an integrated approach that insures that the City will receive designs which are cost efficient, sustainable, permittable, and aesthetically appealing with minimal impact to the environment and the public.



## References



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>1</b>
21. TITLE AND LOCATION <i>(City and State)</i>  Districtwide Local Government in Depth Bridge Inspection, Miami, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>FDOT District 6</b>	b. POINT OF CONTACT NAME <b>Pablo Orozco, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>305-470-5370</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Initial, Routine, Interim and Emergency inspection and Load Rating Analysis of 354 bridges within Miami-Dade and Monroe Counties. This scope of work within this project included the following: bridge inspection schedule based on the National Bridge Inventory inspection standards, coordination with sub-consultants, FDOT and bridge owner agencies, MOT coordination and plan preparation, repair/rehabilitation/replacement recommendations and submittals to FDOT. In this contract our inspection team encountered and existing serious corrosion problem in the beams at structure 874544. This problem was never detected before even though it has existed for years. The bridge is currently under a major rehab process. Total inspection contract amount: 1.7 Millions

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME Ammann and Whitney	(2) FIRM LOCATION <i>(City and State)</i> 1150 NE 72nd Ave Suite 350 Miami, FL 33126	(3) ROLE Prime
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> 2007-2012 Asset Management on structures along SR 5 in Monroe County, Miami, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Transfield Services, Inc.	b. POINT OF CONTACT NAME Hernan Garcia Del Punta, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 407-287-2025
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Routine inspection of bridges, overhead signs and high mast light poles, including four segmental structures; interim inspection of the Old Seven Mile Bride with Load Rating Analysis; initial inspection of 5 new structures over Jewfish Creek and emergency inspections. Total project length to inspect approximately 355,000-ft. 2.2 Millions

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b> (1) FIRM NAME Ammann and Whitney	(2) FIRM LOCATION <i>(City and State)</i> 1150 NE 72nd Ave Suite 350 Miami, FL 33126	(3) ROLE Sub- Consultant
<b>b.</b> (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b> (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>d.</b> (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>e.</b> (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>f.</b> (1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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

20. EXAMPLE PROJECT KEY NUMBER  
**3**

21. TITLE AND LOCATION <i>(City and State)</i>  2003-2005 Inspection of structures in the MDX system, Miami, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2005	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Transfield Services, Inc.	b. POINT OF CONTACT NAME Jose Darsin, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 305-698-7500
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Routine inspection of bridges, overhead signs and high mast light poles. Total project length 41,400-ft. \$ 220, 000.00

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Ammann and Whitney	(2) FIRM LOCATION <i>(City and State)</i> 1150 NE 72nd Ave Suite 350 Miami, FL 33126	(3) ROLE Sub- Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>4</b>
21. TITLE AND LOCATION <i>(City and State)</i> SR 836/I-395 Midtown Interchange. Repairs to three structures along I-395 over Midtown	22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER FDOT District 6	b. POINT OF CONTACT NAME Luis Amigo	c. POINT OF CONTACT TELEPHONE NUMBER 305-470-5436
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Special inspection of bridges # 870373, 870575 and 870582 with a length of 2,072-ft each. Prepare inspection report and repairs plans to concrete columns, caps, traffic barriers, replacement of performed joint seal, removal and replacement of steel bearings. \$ 74 000.00

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Ammann and Whitney	(2) FIRM LOCATION <i>(City and State)</i> 1150 NE 72nd Ave Suite 350 Miami, FL 33126	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>5</b>
21. TITLE AND LOCATION <i>(City and State)</i>  FDOT, District 6 Districtwide Bridge Design And Post Design Services	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2010</b>	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER FDOT District 6	b. POINT OF CONTACT NAME Luis Amigo	c. POINT OF CONTACT TELEPHONE NUMBER 305-470-5436
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Performed miscellaneous engineering and bridge inspection services of a major/minor nature including the design of necessary repair or rehabilitation of bridges including AASHTO concrete beams, structural steel, bascule and segmental bridges, retaining walls, culverts, sign structures, and other miscellaneous major/minor design projects plan reviews. Prepared scope of services, man-hour estimates, construction time and cost estimate for each assigned project. Preparee or reviewed construction plans and special provisions for all phases of construction for each assigned project. Prepared preliminary estimate of construction on each phase as required by FDOT. \$8,100,000

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME Ammann and Whitney	(2) FIRM LOCATION <i>(City and State)</i> 1150 NE 72nd Ave Suite 350 Miami, FL 33126	(3) ROLE Prime
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>6</b>
21. TITLE AND LOCATION <i>(City and State)</i>  Krome Avenue And Sw 8th Street Intersection Improvements	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2003</b>	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER FDOT District 6	b. POINT OF CONTACT NAME Luis Amigo	c. POINT OF CONTACT TELEPHONE NUMBER 305-470-5436
-------------------------------------	--	--

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

SR-997/Krome Avenue, a rural principal arterial, is considered a main north-south artery with heavy truck traffic, and SR-90/SW 8th Street/Tamiami Trail is a principal arterial in the east-west direction in Miami-Dade County. The existing bridge at Canal C-4, just north of the intersection of SR-997 and SR-90, needed to be replaced by a wider bridge to accommodate full width of the roadway shoulders and exclusive left and right turn lanes. These turning lanes improved traffic movement and reduced the accident rate at the Krome Avenue and SW 8th Street intersection. Reconstruction of the existing roadways included approximately 1/2-mile of work along SR-997 and ± 0.3 mile of work along SR-90. A complete drainage analysis and improvements were included because the bridge and road reconstruction added slightly over two acres of impervious areas to the site. A retaining wall was added along the north side of SR-90 since Canal C-4 runs parallel to the existing road. \$4,800,000

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Ammann and Whitney	(2) FIRM LOCATION <i>(City and State)</i> 1150 NE 72nd Ave Suite 350 Miami, FL 33126	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>7</b>
21. TITLE AND LOCATION <i>(City and State)</i>  SR-826/Palmetto Expressway over SR-90/SW 8th Street.	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER FDOT District 6	b. POINT OF CONTACT NAME Luis Amigo	c. POINT OF CONTACT TELEPHONE NUMBER 305-470-5436
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project consisted of the reconstruction of 0.8 miles of SR-826-Palmetto Expressway and SR-90/8th Street Interchange including the design and preparation of contract documents for eight multiple spans concrete structures over SW 8th Street and Canals, sound barrier walls, bulkhead and overhead signs, drainage, roadway design and profile, cross section, traffic control plans, storm water pollution prevention, utilities adjustment, signing and pavement marking, lighting plans and post design services.

The design of the structures included four new ramps, structures # 870780, 870782 with concrete deck supported on prestressed concrete beams on multiple columns bents over existing SR 90 and existing canal C-3 and C-4; structures # 870781 and 871000 with concrete slabs on pile bents over existing canal C-3 and C-4. Additionally four existing structures # 870112, 870267, 870541 and 870066 were widening along SR-826 NB and SB lanes, SR-90 over Canal C-3 and C-4.

Design and preparation of contract documents for over one mile of concrete retaining walls were included in this project. Retaining walls supported concrete barrier and over 1,800' of sound barrier walls.

Design and preparation of contract documents for over 900' of steel sheet pile wall with steel anchors.

Due to site constraints, the design of each structural element were designed on phases of Construction is being done under various phases of maintenance of traffic, as traffic needs to be maintained at all times. This facility carries over 200,000 daily vehicles and it is a major expressway that connects the SW with the NW area of Miami Dade County.  
 . \$34,000,000

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Ammann and Whitney	(2) FIRM LOCATION <i>(City and State)</i> 1150 NE 72nd Ave Suite 350 Miami, FL 33126	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>8</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>116<sup>th</sup> Way Bridge over Miami Canal, Medley, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION <i>(If applicable)</i> <b>2010</b>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER <b>FDOT District 6</b>	b. POINT OF CONTACT NAME <b>Hong Benitez, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(305) 470-5100</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Rehabilitation and retrofit of an existing 3-span bridge which consists of precast/prestressed slab units and the widening with consists of a continuous cast-in-place deck; this includes repair of different types of spalls, injection of cracks, resurfacing with an epoxy overlay material, and retrofit of the expansion joints.

The bridge was load rated and to improved the load rating capacity and avoid posting, additional rebars were added to the cast-in-place slab at the interior support location.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Botas Engineering, Inc</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Doral, Florida</b>	(3) ROLE <b>Structural Engineers</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>9</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Boynton Beach Blvd. over I-95 and FEC Railroad, Boynton Beach, Fl.</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2003</b>	CONSTRUCTION <i>(If applicable)</i> <b>2007</b>

23. PROJECT OWNER'S INFORMATION

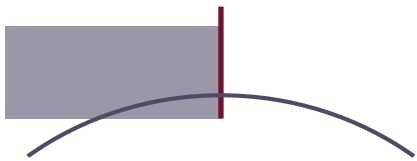
a. PROJECT OWNER <b>FDOT District 4</b>	b. POINT OF CONTACT NAME <b>Henry Oaikhena, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(954) 777-4445</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

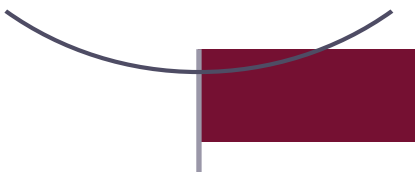
Structural design and plans preparation to replace and upgrade the existing traffic barrier and sidewalk to comply with current FDOT Standards and loading requirements, the eastbound and westbound sidewalk were widened. Also, the AASHTO girder bridges were load rated to implement the new loading conditions (sidewalk and traffic barrier upgrades). The FDOT **BARS** and **SALOD** programs were used to load rate these bridges.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Botas Engineering, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Doral, Florida</b>	(3) ROLE <b>Structural Engineers</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



**Minority/Women  
(M/WBE)  
Participation**





State of Florida

*Minority, Women &  
Service-Disabled Veteran*

Business Certification

**Botas Engineering, Inc.**

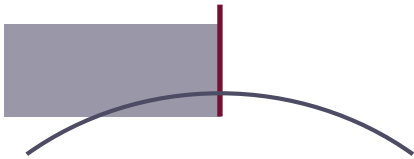
Is certified under the provisions of  
287 and 295.187, Florida Statutes for a period from:

04/24/2013 to 04/24/2015

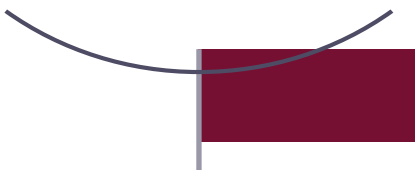
A handwritten signature in black ink that reads "John P. Miles".

\_\_\_\_\_  
John P Miles, Secretary

*Florida Department of Management Services  
Office of Supplier Diversity*



# Sample Insurance Certificate







# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/25/2013

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

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must 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 Willis of Pennsylvania, Inc. c/o 26 Century Blvd. P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME:	PHONE (A/C, No, Ext): 1-877-945-7378	FAX (A/C, No): 1-888-467-2378
	E-MAIL ADDRESS: certificates@willis.com		
INSURED Ammann & Whitney, Inc. 1150 NW 72nd Avenue Suite 350 Miami, FL 33125	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A:	Travelers Indemnity Co. of America	25666
	INSURER B:	Travelers Indemnity Company	25658
	INSURER C:	Phoenix Insurance Company	25623
	INSURER D:	Hudson Insurance Company	25054
	INSURER E:	National Surety Corporation	21881
INSURER F:			

COVERAGES CERTIFICATE NUMBER: W86896 REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY			X-660-2933M94A-TIA-13	05/01/2013	05/01/2014	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 5,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY \$ 1,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC						GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							\$
B	AUTOMOBILE LIABILITY			BA-1953M233-13-GRP	05/01/2013	05/01/2014	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
							\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB			CUP-9376Y769-13-47	05/01/2013	05/01/2014	EACH OCCURRENCE \$ 5,000,000
	<input type="checkbox"/> EXCESS LIAB	<input checked="" type="checkbox"/> OCCUR					AGGREGATE \$ 5,000,000
	<input type="checkbox"/> DED	<input type="checkbox"/> CLAIMS-MADE					\$
	<input type="checkbox"/> RETENTION \$						\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			XVMPNUB-9378Y01-9-13	05/01/2013	05/01/2014	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input type="checkbox"/> N	N/A				E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Professional Liability			AEE51102-03	05/01/2013	05/01/2014	\$5,000,000 Per claim \$5,000,000 Aggregate

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

CERTIFICATE HOLDER Sample	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 



**ADDITIONAL REMARKS SCHEDULE**

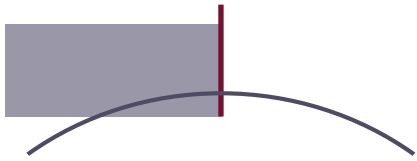
AGENCY Willis of Pennsylvania, Inc.		NAMED INSURED Ammann & Whitney, Inc. 1150 NW 72nd Avenue Suite 350 Miami, FL 33125	
POLICY NUMBER See Page 1		EFFECTIVE DATE: See Page 1	
CARRIER See Page 1	NAIC CODE See Page 1		

**ADDITIONAL REMARKS**

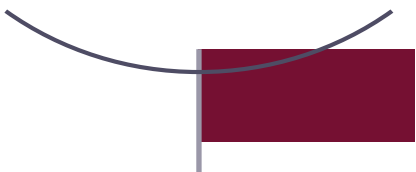
THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
 FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

INSURER AFFORDING COVERAGE: National Surety Corporation NAIC#: 21881  
 POLICY NUMBER: SHX-000-1503-2568 EFF DATE: 05/01/2013 EXP DATE: 05/01/2014

TYPE OF INSURANCE: LIMITS:  
 Excess Liability \$5,000,000



# Joint Ventures

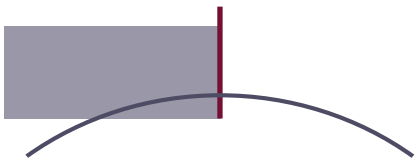


February 25, 2014

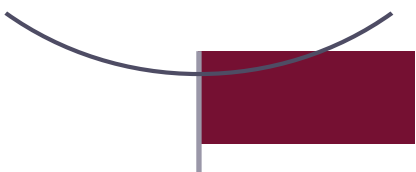
City of Fort Lauderdale  
RFQ #246-11376  
The Public Works Department



**10. Joint Ventures: N/A**



## Subconsultants





February 25, 2014

City of Fort Lauderdale  
RFQ #246-11376  
The Public Works Department



**11. Sub-Consultants:**

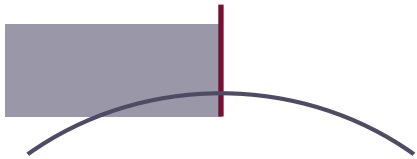
Ammann & Whitney is pleased to team up with the following firm:

**Botas Engineering Inc.(DBE)**

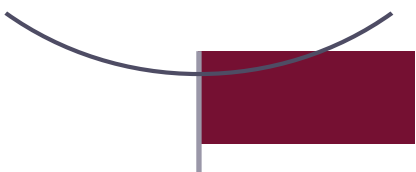
7875 NW 12th Street  
Doral, FL 33126  
Phone: 305-418-9111  
Fax: 305-418-9112

**GEOSOL, Inc.**

5795-A NW 151st Street  
Miami Lakes, FL 33014  
Phone (305) 828-4367  
Fax (305) 828-4235



# Non Collusion Statement



February 25, 2014

City of Fort Lauderdale  
RFQ #246-11376  
Public Works Department



**12. 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.

NAME

RELATIONSHIPS

-----  
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.

