

# City of Key West

## Request for Qualifications for Architectural Services



RFQ No.: 14-002

Date: April 23, 2014

Time: 3:00 p.m.

Copy

# City of Key West

## Request for Qualifications for Architectural Services

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April 23, 2014

City Clerk  
City of Key West  
3126 Flagler Ave.  
Key West, Florida 33040

RE: RFQ No. 14-002, Request for Qualifications for Architectural Services

Dear Selection Committee Members:

AMEC Environment & Infrastructure, Inc. (AMEC) is very pleased to submit our proposal to the City of Key West, Florida, for **RFQ No. 14-002 – Architectural Services**. AMEC is a global multidisciplinary architectural and engineering firm located in Miami Lakes with offices throughout Florida. We are able to provide the City of Key West with a dedicated staff supported by more than 29,000 architectural, engineering, project management, and environmental professionals throughout the world, with 500 staff members in Florida alone. For this opportunity, AMEC pledges to optimize our services and keep things as simple as possible, provide outstanding value for the City of Key West's dollars spent, provide exceptional client service, deliver products on time and within budget, and be proactive in preventing and avoiding risk to the City.

AMEC is pleased to present an extremely qualified team to the City of Key West that has been selected based on unique qualifications, performance records, and technical competency providing similar professional services that are requested under this contract. AMEC has significant and relevant project experience providing quality architecture and engineering services for various local municipalities and state and federal agencies that include but not limited to Broward and Miami-Dade County, Village of Palmetto Bay, the Florida Department of Environmental Protection (FDEP), and the U.S. Department of the Interior. We have also provided services for small- and large-scale projects for numerous private clients, as well as additional municipalities throughout Florida and the United States.

**Why choose AMEC?** AMEC's team offers the City of Key West a broad and comprehensive group of architecture, engineering, and construction support experts with a variety of technical backgrounds. AMEC can provide full support with the capacity to handle any task required under this contract, including the design of residential, commercial, and government buildings, community centers, parking garages, park structures, public plazas, and event venues with Florida laws and regulations; historic preservation and renovation; preparation of plans for modification or rehabilitation of existing buildings; environmental impact evaluations and permitting applications; preparation of reports, schedules, cost estimates, green construction certifications, maintenance schedules and manuals, and other information needed or requested by the City; bidding period services; and contract/construction administration, inspection/oversight, and closeout. **From concept design to ribbon cutting, our team will get the job accomplished on time and within budget.** AMEC has extensive experience working with Monroe County and currently holds the City of Key West's General Engineering Services Contract.

AMEC's in-house staff includes experts in the areas of architecture, historic preservation, engineering, landscape planning and design, interior design, sustainability (LEED), environmental services, permitting services, surveying, geotechnical engineering, material testing, construction management, construction engineering and inspection, and archeological services. Our Florida practice also hosts a full division of building science services, which includes threshold inspections and asbestos survey and removal. Our team for this project includes four LEED certified professionals who are supported by a network of more than 80 similarly-certified AMEC professionals throughout the United States.

AMEC is teaming with SRS Engineering, Inc. (SRS) for this project in order to provide the City a strong and experienced team. SRS is a consulting civil engineering firm dedicated to providing professional engineering services to local governments and municipalities. Together, the two firms have successfully worked together on several projects, and the AMEC/SRS team was recently awarded the City of Key West's contract for Highway Design, Surveying and Mapping, Soil and Material Testing, Construction Engineering and Inspection Services for Bus Aprons – Lower Keys; Project No. TS-1102.

## Standard of Excellence

At AMEC, we understand that maintaining a strong commitment to client satisfaction is the cornerstone of our success. This unwavering dedication is one of the many factors that sets us apart from our competition. Our team will work as a logical and seamless extension of your staff. Our primary goal is to ensure client satisfaction by providing optimal value and relatively low risk. We do this by offering exceptional technical expertise and resources, providing timely service at a reasonable cost, delivering high quality work products, and remaining flexible enough to adapt as the City's projects continue to evolve. We will apply our more than 60 years of Florida-based experience to this contract by being responsive, readily available, and committed to providing exceptional client service every step of the way.

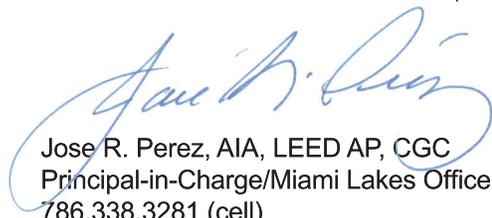
AMEC Miami Lakes Office Manager **Mr. Jose R. Perez, AIA, LEED AP, CGC**, will be assigned as the Principal-in-Charge of this engagement to ensure all of AMEC's resources are fully available to assist in the successful implementation of any task and is authorized to negotiate with the City of Key West. Included on the following page is a letter from Mr. Lytle Trout, AMEC's Senior Vice President and Group Manager, indicating Mr. Perez has authority to bind the respondent.

**Mr. Nestor Fernandez** will be the Contract Manager for this opportunity and will be the local point of contact for the City. Mr. Fernandez is a qualified professional with extensive experience and will remain fully accessible throughout this engagement. The Project Manager/Senior Architect who will be responsible for coordinating the daily tasks for this contract will be **Mr. Santiago Jimenez, AIA, LEED AP**, who is a highly experienced and uniquely qualified architect. Mr. Jimenez led the team that designed the Zoo Miami Florida Exhibit and the improvements for the Trail Glades Range in Miami-Dade County. He has also functioned as the project manager for several parks, recreational, and sports facilities for the Miami-Dade County Park, Recreation, and Open Spaces Department.

AMEC has a strong desire to continue working for the City of Key West, and we are proud of our South Florida presence. We are completely committed to working with your staff and are excited about the possibility of providing architecture services for the City. This proposal is made without collusion with any other person or entity, submitting a proposal pursuant to the RFQ.

Sincerely,

AMEC Environment & Infrastructure, Inc.



Jose R. Perez, AIA, LEED AP, CGC  
Principal-in-Charge/Miami Lakes Office Manager  
786.338.3281 (cell)  
jose.r.perez@amec.com



Nestor Fernandez  
Contract Manager  
305.586.6594 (cell)  
nestor.fernandez@amec.com



April 15, 2014

Mike Vieux, Senior Construction Manager  
City of Key West  
3140 Flagler Avenue  
Key West, Florida 33040

**Subject: AMEC's Delegation of Signature Authority**  
**Reference: RFQ No. 14-002, Request for Qualifications for Architectural Services**

Dear Mr. Vieux:

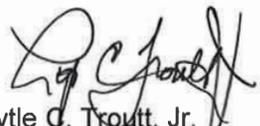
You requested documentation of signature authority within AMEC Environment & Infrastructure, Inc. (AEI) for the subject services listed above. In response, I provide the following table of generic delegated contractual authorities for your reference on this contract and future contracts between AEI and the City of Key West, Florida. Please note that these authorities apply to any Federal, State or Local Government contracting entities.

Additionally, Jose R. Perez has Office Manager level authority, and Michael Nardone has Regional Manager authority. As an officer of AEI, I can verify that the limits outlined in the table below are valid for your use:

<b>Managerial Level</b>	<b>Time &amp; Materials / Cost-Plus-Fixed-Fee</b>	<b>Fixed Price / Lump Sum</b>
Office Manager	\$500,000	\$100,000
Area Manager	\$2,000,000	\$1,000,000
Regional Manager	\$5,000,000	\$2,000,000
Group Manager	\$20,000,000	\$10,000,000
President	\$50,000,000	\$20,000,000

Please do not hesitate to contact me at (615) 333-0630 if you have any questions.

Sincerely,

  
Lytle C. Troutt, Jr.  
Sr. Vice President and Group Manager  
AMEC Environment & Infrastructure, Inc.



## Section 1 Company Profile

## Firm Overview

Headquartered in Atlanta, Georgia, AMEC Environment & Infrastructure, Inc. (AMEC) is an engineering and architectural design, environmental consulting, and construction company operating with more than 4,200 professionals in 110 locations across the United States. Serving the clean energy, federal, industrial/commercial, mining, oil and gas, transportation, and water sectors, we provide services to both public and private clients worldwide. This entity is part of the larger division of AMEC plc, a publically-traded company based in London. AMEC plc is a focused supplier of high-value environmental, engineering, and project management services to the world's natural resources, nuclear, clean energy, water, and environmental sectors. Since 2000, Engineering News Record magazine has ranked AMEC plc among the top international design firms. Our company has also ranked at the top of its sector in the Dow Jones Sustainability Index since 2005.

AMEC's Florida operation employs more than 500 people in offices located in every region of the state. We can draw on our experienced local managers and geographical reach to support the needs of clients, regardless of project size and complexity. AMEC's depth of global resources allows us to provide our clients with innovative solutions engineered to fit perfectly with your business challenges.

AMEC has 14 full-service offices in the state, including four in South Florida. Our staff brings specialized Florida knowledge and experience to our clients with aided service delivery driven by AMEC's expansive financial, project management, and IT systems. Utilizing these

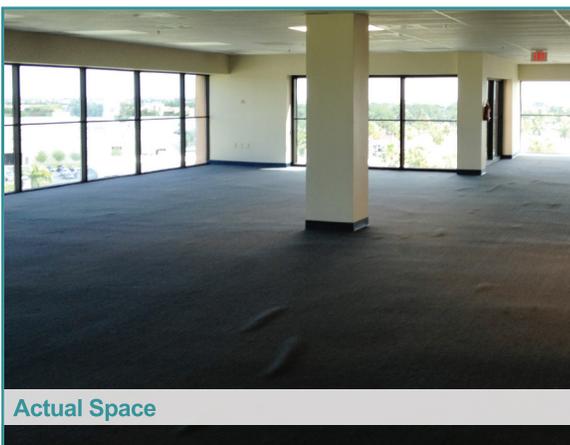
combined services allows us to draw on vast resources of personnel and experience to meet our clients' needs.

AMEC's Florida operation offers full-service solutions to clients throughout North America and internationally. We are dedicated to the consistent achievement of industry leading standards of excellence in consulting, including:

- Architecture
- Building Sciences
- Civil Engineering
- Ecological Services
- Emergency Management
- Energy Engineering
- Environmental Services
- Geotechnical Engineering
- Materials Engineering
- Mining
- Survey & Mapping
- Water Resources

AMEC's Florida operation is home to many of the most talented and dedicated individuals serving the architecture, engineering, and scientific communities today. We are renowned for our expertise and professionalism, our sustainable integration of engineering and science methodologies, and our innovative approaches to finding solutions which fit within the complexities of any project assignment.

**Notably, we currently have a local presence in the City of Key West, with several of our professionals residing and managing projects in Monroe County.**



Actual Space



Architectural Rendering

## Architecture Services

Design integration is at the heart of AMEC. Integrating our architectural design experience with our in-house civil, mechanical, electrical, and structural engineering expertise allows AMEC to execute both small- and large-scale projects, on time and within budget.

Our in-house architects have specialized knowledge across all the industries in which we work, including public facilities, healthcare, education, commercial, industrial and energy. This expertise means that we are able to introduce innovative and flexible design solutions to optimize the efficiency of both major and specialized buildings.

Our objective is to ensure that available dollars are directed toward sound engineering and architectural design services, successful construction, and affordable operation. AMEC's comprehensive commercial and residential real estate services range from acquisition and disposition, site development and construction, renovation and rehabilitation, and management and operations, to full real estate programs. AMEC can also provide third-party services such as peer design review, code analysis, testing, specifications development or review, and quality assurance monitoring. We provide the expertise that assures our clients they are getting a facility that meets federal, state, and local regulations and one that will live up to their expectations in the years to come. Our architectural services include:

- General Architectural Services
- Landscape Planning & Design
- Interior Design
- Park Design
- Park Master Planning
- Energy & Environmental Design (LEED) Green Building Rating System
- Historic Preservation & Renovation
- Feasibility Studies
- New Facilities
- Planning Studies
- Programming
- Renovations

Our engineers, architects, and environmental professionals specialize in evaluation, repair, renovation, rehabilitation, and maintenance of existing facilities, as well as the design of new facilities. From delivering a multi-million dollar government facility to a small fit-out project for a start-up company, we believe our flexibility



is our strength. Once we understand your specific expectations, we have the right people, technology, and skills to successfully deliver your project.

AMEC's architectural services, combined with our additional consulting services allows us to offer our clients the full design package. We develop comprehensive feasibility studies, which, combined with in-depth financial analysis, ensure a project's technical, economic, and commercial viability and ensure the best application for our detailed design and engineering services in every sector in which we operate. We also apply a sustainable approach to all of our projects, incorporating energy-efficient design principles, careful consideration and sourcing of materials, sensitive landscaping and tree planting, and using renewable energy sources wherever possible.

## Landscape Architecture

Landscape architecture is an interdisciplinary art involving the arrangement of landscape elements and spaces in relation to one another for social and environmental enhancement. The design process considers the arrangement and interaction of landscape elements such as vegetation, landforms, paving, and structures (i.e., buildings, walls, stairs, and lighting) for the private and public sectors. In creating enjoyable outdoor spaces for both residence and commuting, AMEC's landscape architecture experts offer a combination of disciplines including planning, design, management, preservation,

and land and water remediation on large and small scales. Our landscape architecture services include:

- Parks & Recreational Design
- Streetscapes
- Site Planning
- Habitat Enhancement
- Drainage & Turf Management
- Watershed Planning & Restoration
- Sustainability Through Green Design
- Application of LEED Principles

AMEC is an experienced provider in all areas of landscape architecture with particular emphasis on recreational and park facility designs for projects of all sizes. Our design team has adopted a philosophy to design parks that will serve communities for years to come, to design parks that will remain part of generations of family memories and to design parks that play a vital role in maintaining our commitment to support sustainable development. In pursuit of that philosophy, AMEC design professionals share the core values, passion and dedication that have become our design signature for professional service.

AMEC's recreational design staff is thoroughly experienced in all aspects of designing recreation facilities including developing site utilities that match the needs and available resources of each park location. Our staff also provides expertise in meeting all regulatory requirements including Americans with Disabilities Act (ADA) accessibility requirements. AMEC's recreational design staff has been recognized with more than 25 professional planning and design awards. They have worked together on many projects and have the range of experience in park planning, design and cost estimating to thoroughly understand the technical, regulatory and political complexities of the proposed park development.

### Interior Design

AMEC's team delivers the entire design package, including the interior of a project. The effective use of space depends on a carefully planned interior design, which should resolve the issues of materials, lighting, and technology in a cohesive and effective manner.

AMEC's interior designers develop concepts that optimize operations, as well as enhance the aesthetics of a facility. Our in-house staff understands how important effective space planning, as well as the right materials, furnishings, and fixtures, are to the work environment. Our designers work closely with clients at all stages of the



design process to assure their goals are met. From small facelifts to complete renovations, we are experienced with challenging renovations, as well as complete new building projects.

Our design team brings its experience to all types of projects ranging from commercial and retail to government and education. AMEC's interior designers provide a full complement of services that interconnect architecture and interiors so the end result combines creativity with function while staying within budget. Our interior design services include:

- Bid Negotiation
- Conceptual Design
- Consultant Coordination
- Contractor Selection Assistance
- Creation of Furniture Packages & Procurement
- Facilities Analysis
- Finishes
- LEED Documentation for Interiors
- Lighting Design
- Programming
- Shop Drawings & Submittal Review
- Site Visits
- Space Planning
- Wayfinding & Signage Systems

AMEC's design team collaborates with our clients to develop strong concepts, effectual space plans, and durable design that are based upon the users' needs and their goals for the space.

## Historic Preservation

Cultural resource management is an important factor in today's property development process. To receive permits from state or federal agencies, or any time a project utilizes money from the federal government, the effect of development and other activity upon existing historic properties must be considered. Guidelines for preserving historic properties, as required by the National Historic Preservation Act, were enacted to manage change and enhance the future while ensuring that development can occur. The purpose is to keep moving forward, but not at the expense of the past.

Assisting in the process, AMEC has worked on a multitude of projects with architectural assessments, surveys, and historic preservation planning for commercial clients and government agencies. Through early involvement in project planning, we help clients with their compliance requirements in accordance with federal, state and local regulations while minimizing impacts to significant architectural or archaeological resources due to commercial development. AMEC's staff maintains the current standards and specifications for architectural assessments, and its principle investigators meet the Secretary of Interior specifications for architectural historians and historians, as required by federal regulation. Staff experience is nationwide and broad-based, including capabilities of a full-service cultural resource management firm such as archaeological investigations, architectural assessments, geophysics, geomorphology, and Geographic Information System (GIS) databases.

## Energy and Environmental Design (LEED) Green Building Rating System

Progressive public and private entities are looking to build and operate 'green' as an opportunity to differentiate themselves as leaders in the marketplace. Green building certification through LEED (Leadership in Energy and Environmental Design) showcases environmental commitment and leadership, creates a draw for potential tenants, and sends a strong message to employees and the wider community that you care about their health.

AMEC promotes buildings that are economically profitable, environmentally responsible as well as healthy and productive places to live and work. Our LEED accredited professionals understand the terminology, design intent, product availability, and documentation required to develop a high performance, green building. Sustainability is an integral part of our whole-building design process, which results in the following benefits:

- Lower Ongoing Operating Costs
- Increased Employee Productivity
- Enhanced Occupant Health & Well-Being
- Reduced Liability through Healthier Buildings
- Increased Property Value
- Reduced Costs to Tenants
- Financial Incentive Programs
- Community Recognition of Environmental Efforts
- Predictable Results Using Best Practices
- Cost-Effective Solutions

AMEC has a corporate focus and commitment to sustainable development and has a growing LEED practice. We intertwine the technological vision with a firm understanding of environmental and engineering principles. The commercial, governmental and industrial worlds are in a constant state of growth, impacting the energy, water, and carbon "footprint" on our environment. A "Green Building" or LEED certified building can help keep those impacts within an acceptable level.

The decisions we make today about the way our buildings are designed, operated, and maintained will not only impact the present, but the future, as well. AMEC has a distinct capability of being able to coordinate and synergize the different disciplines (heating and cooling, interior design, environmental, electrical engineering, process design, and health and safety) that impact building design to bring ideas and past experiences together to create a building that the client can be proud of, without overextending the project's budget.





## Section 2 Staff Qualifications

## Project Team

The AMEC team includes a group of highly experienced architecture professionals who will be able to provide all of the services listed in the RFQs Scope of Work. Our team members are experienced in all aspects of design within Florida, including residential, commercial and government buildings, community centers, parking garages, public plazas, and park structures, as well as historic preservation and restoration. Our City of Key West team includes four LEED certified professionals, who are supported by an additional 80 similarly certified professionals within AMEC's national network of architecture and engineering professionals.

AMEC's architectural services, combined with our additional consulting services, allows us to offer our clients the full design package. We have also highlighted team members who can provide additional support for projects, including engineering, construction support, and archeology services, if the need arises.

Key personnel for the City of Key West's project team includes Principal-in-Charge **Mr. Jose R. Perez, AIA, LEED AP, CGC**. Mr. Perez is a highly knowledgeable architect, interior designer, and general contractor with more than three decades working in the private and public sectors. He has been responsible for major and minor construction and renovation projects, as well as managing diverse project teams that have included interior and graphic designers, architects, engineers, space planning professionals, emergency management professionals, construction managers, and construction trade groups. Mr. Perez's professional experience provides a unique blend of expert knowledge with a strong record of exceptional client service and project success. As Office Manager for our Miami Lakes office, he leads a staff that is responsible for various architectural, engineering, and construction management projects.

With more than three decades of experience in architecture and construction, Mr. Perez has worked on dozens of comprehensive projects. Prior to joining AMEC, he served as a design and LEED advisor reporting directly to the Miami-Dade County Manager and Mayor's office for the Marlins Stadium. In addition to his many years of experience working with the county administrator



and department directors, he was involved in many high-profile projects, including:

- **Miami-Dade Children's Courthouse, Miami-Dade County:** Served as the owner's representative on this construction project that includes a 14-story, 378,000-square-foot building that consolidated 17 agencies, 18 courtrooms, and administrative and support spaces.
- **Miami Marlins Stadium, Miami-Dade County:** Served as LEED representative for the construction of this new 37,000-seat facility that features a retractable sloped roof consisting of three metal decked operable panels, two lower panels and a horizontal retractable wall that gives guests a panoramic view of downtown Miami. The Marlins Stadium is the first in the world to earn a LEED Gold certification from the U.S. Green Building Council.
- **General Services Administration Trade Shops Facility, Miami-Dade County:** Served as the owner's representative on the new headquarters for more than 100 county employees that included more than 112 parking spaces within the 100,000 square-foot footprint.

**Mr. Armando Hernandez, PE, SI**, is the team's QA/QC Advisor. He is a senior project manager and civil engineer with experience in the construction management and engineering of complex technical projects with expertise in civil/structural/architectural design, analysis, and specification writing; quality assurance/quality control (QA/QC); construction management and engineering; and project engineering. With more than four decades of experience, Mr. Hernandez

has been responsible for the management of dozens of renovation, construction, and infrastructure projects, including improvements for a 1.5-million-square-foot hospital, university, and research institution. He directed the design and construction of one of the first MRI clinics in mid-Manhattan and the piping interconnection and controls of chillers in five buildings. This effort saved \$575,000 a year in energy and operating costs and \$3.4 million in avoided chiller construction. He also led a construction program in Puerto Rico that included the upgrading of more than \$18 million of commercial facilities.

Our Contract Manager for the City of Key West project will be **Mr. Nestor Fernandez**. Mr. Fernandez is an experienced project and construction manager knowledgeable in South Florida building codes and all associated laws and regulations. With more than 25 years of experience, he has participated in managing, directing, coordinating, and administering all aspects of project management, construction oversight services, facility improvements, environmental remediation, systems operations/maintenance, construction cost estimating, and permitting. As a Contract Manager and Client Representative, Mr. Fernandez's responsibilities have included contract administration for a project's design professionals and contractors as well as coordinating all design, permitting, and construction efforts. He has also provided support in areas such as plan reviews, contract scoping, document controls, budgeting, and payment submittal reviews. His experience includes coordinating and chairing design and construction progress meetings as well as reviewing, tracking, and monitoring construction progress, schedules, shop drawing submittals, and RFIs and their responses. He has also been responsible for reviewing requests for change orders and coordinating the review, recommendation, and approval of progress payments.

The Project Manager and Senior Architect for the City of Key West contract is **Mr. Santiago Jimenez, AIA, LEED AP**, who is a licensed architect with more than 15 years of experience as a project manager and architect for recreational, institutional, commercial, industrial, and large-scale cruise terminals projects. He has extensive experience in managing projects, developing contract documents, and on-site construction observation. As a project manager, he has been responsible for all phases of design and construction, including design development, code and zoning compliance, specifications, construction documents, bidding assistance, and shop drawings, as well as review and construction administration for large-scale transportation, commercial, institutional, and industrial projects. As an architectural group leader, he has also been responsible for the supervision of personnel and financial and resources management.



Mr. Jimenez's project experience includes recreational, sports and park facilities - including an aquatic park, trails, zoo facilities, and site improvements for the Miami-Dade County Parks Department; government facilities for the City of Miami Gardens, as well as numerous projects for port and marine facilities. He has provided design and construction services for several state-of-the-art cruise ship terminals including parking garages and multimodal centers such as the Port of Miami and other major seaports in the United States and internationally.

Project Architect **Ms. Daniela De Rossi, RA, NCARB**, has more than 14 years of professional architectural experience in the architectural and construction fields. She has knowledge of the practices involved in architecture, design and construction, and related engineering aspects involving different building types and levels of complexity to include multiple office buildings, warehouses, religious institutions, mid-rise multi-family and single-family residences. Ms. De Rossi's professional experience includes the coordination and production of construction documents, planning and design, specifications, program development and implementation of building projects.

Ms. De Rossi has been responsible for review and coordination of architectural, civil, structural, mechanical, electrical, plumbing, landscape, and fire protection plans with clients, engineers, contractors, and trade manufacturers for completeness and compliance with local, state, and federal government agencies and government officials having jurisdiction over projects. She has knowledge of current building codes, zoning codes, laws, and regulations, and the ability to understand their impact on different building types.



Our Senior Landscape Architect for the City of Key West will be **Mr. James Santiago, RLA**. Mr. Santiago has more than 30 years of experience in planning and landscape design, including four major LEED-based projects for the Florida Atlantic University (FAU). He has extensive park and roadway design experience, including landmark parks in Miami, such as Amelia Earhart Park and Trailglades Shooting Park. He also served as the principal landscape architect for the City of Miami Gardens City Hall Complex, which was a platinum LEED project and included all-native landscape to reflect the local nature of the local landscape.

AMEC's Architectural Historian for this contract will be **Ms. Mathia N. Scherer**. Her work in history and architectural history covers several facets, including small- and large-scale architectural assessments and evaluations, cultural resources identification, cell tower surveys, cemetery surveys, mitigation documents, public involvement, and HABS/HAER/HALS documentation. Surveys have ranged from small, two-structure surveys to large surveys totaling more than 400 structures, with the primary focus on military structures from the late nineteenth century to the Cold War. Her other responsibilities include creating architectural and archaeological contexts, cemetery identification, research, and recordation, and archival research.

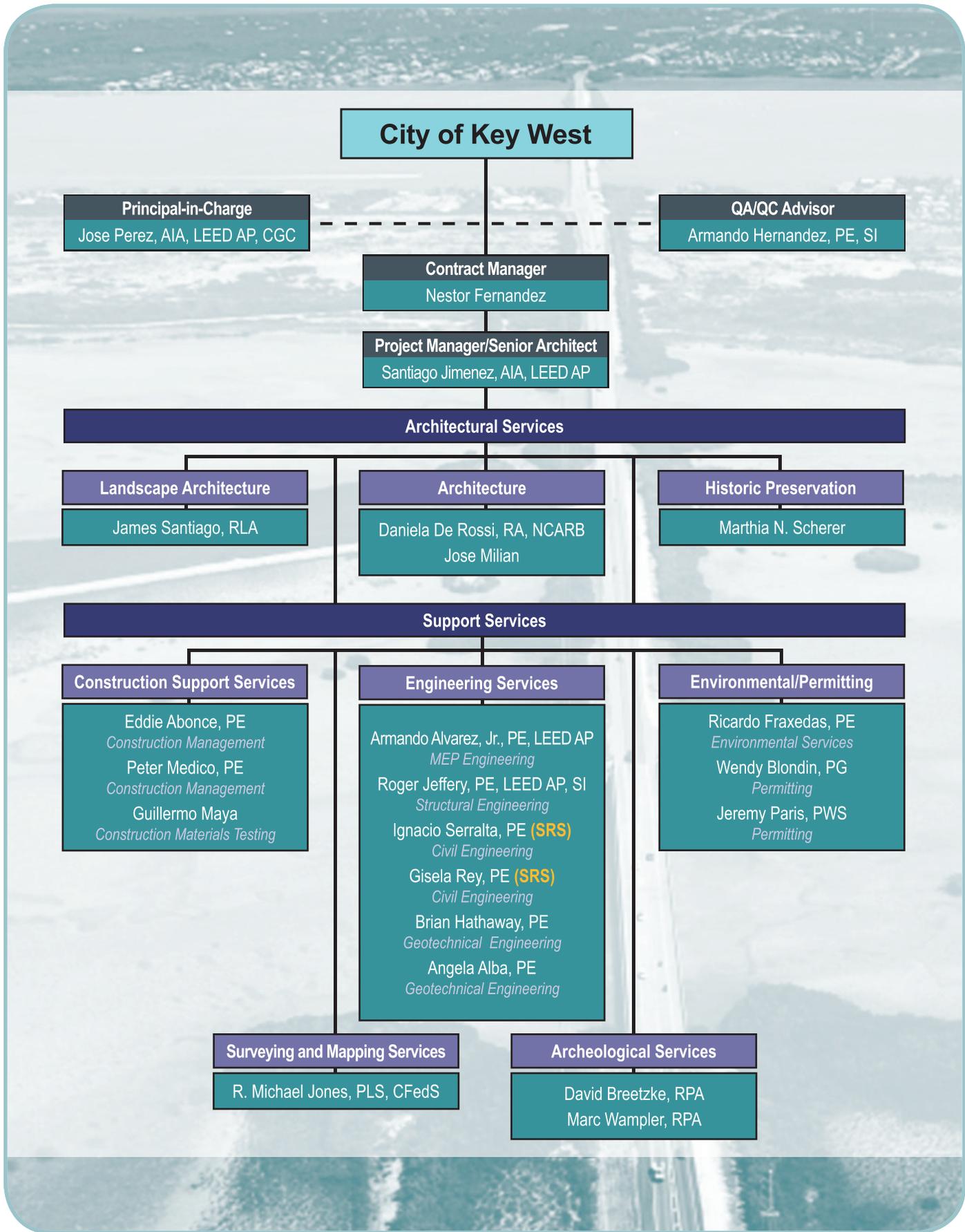
Our Lead Designer for the project is **Mr. Jose Milian**, who has performed more than 180 visual assessments including the use of specialized photo simulation software. He has also served as the CAD design lead for several multi-million dollar jobs for the Florida Department of Transportation (FDOT) as well as several out of state architectural and structural airport projects. His specific areas of expertise include the utilization of 3D animations,

renderings, walk-throughs, and telecommunications, as well as environmental, architectural, structural, transportation, and geotechnical CAD design.

Our team also includes engineers, scientists, and construction support personnel that can provide additional, as-needed, services, including mechanical, electrical, and plumbing (MEP), structural, civil, and geotechnical engineering; construction support; survey and mapping; environmental/permitting; and archeological services.

AMEC is teaming with **SRS Engineering, Inc. (SRS)**, in order to provide the City of Key West a strong and experienced team. Supplementing the team by providing civil engineering services, SRS is one of the top South Florida land development design firms. The firm has provided engineers on more than 47 large land development projects within Miami-Dade, Broward, and St. Lucie Counties. The firm provides full land development services from initial due diligence and feasibility studies to complete design and all site improvements, including roadways, drainage systems, stormwater management, lakes, canal, water and sewer systems, pump stations, cut and fill studies, and all associated permitting. SRS also specializes in providing municipalities with construction administration support services and construction engineering inspection (CEI) services.

The SRS team members include **Mr. Ignacio Serralta, PE**, and **Ms. Gisela Rey, PE**. Mr. Serralta has more than 25 years of experience in civil engineering planning, design, and management for a wide range of public works, site development, and infrastructure projects. Ms. Rey has more than 25 years of experience in design, planning, and management of structural engineering projects.



## Jose R. Perez, AIA, LEED AP, CGC

Principal-in-Charge

Mr. Jose Perez possesses more than 35 years of professional architecture experience. He has extensive knowledge in the management, design, and construction of institutional, commercial, educational, and residential facilities for municipal and state governments, as well as private and corporate clients. Mr. Perez's professional experience also includes construction administration, real estate, and professional administration.

Mr. Perez has worked for several municipalities, including Miami-Dade County, where he was responsible for planning, directing, and coordinating major, minor, and renovation construction projects to ensure compliance with county building codes, laws, and applicable regulations. He was responsible for the development and fiscal management of new construction projects; renovations of/or additions to existing facilities; asbestos abatement; interior design; and signage/graphic design. He also managed architecture engineering design professionals, interior design and space planning professionals, construction managers, and construction trade groups involved in the production of construction plans, specifications, construction management, and construction work. Mr. Perez has experience in the management of large building construction programs, building facilities maintenance, and preventive maintenance for projects extending from \$1 million to \$650 million.

### Key Projects

#### ■ MIAMI MARLINS STADIUM

City of Miami/Miami-Dade County, Florida

**LEED Representative:** New 37,000-seat facility that features a retractable sloped roof consisting of three metal decked operable panels and two lower panels, including a horizontal retractable wall that gives guests a panoramic view of downtown Miami. The Marlins Stadium is the first in the world to earn a LEED Gold certification from the U.S. Green Building Council.

#### ■ GENERAL SERVICES

##### ADMINISTRATION WEST LOT: PARKING GARAGE AND OFFICES

Miami-Dade County, Florida

**Owner's Representative:** The GSA parking garage and office building is Miami-Dade County's first LEED Gold-certified project by the U.S. Green Building Council. The facility comprises of 805 parking spaces on six levels, 45,000 square feet of office space, and 10,000 square feet of retail space. The project is located in downtown Miami and serves the patrons using the Downtown Government Centre complex. The project was the first to achieve LEED Gold certification for Miami-Dade County GSA and it also achieved an award of merit from the Florida Parking Association.

#### ■ NORTHEAST REGIONAL LIBRARY

Miami-Dade County, Florida

**Owner's Representative:** The project consists of a new one-story concrete and

steel building, with two landscaped "green" courtyards. The total footprint of the building, including the courtyards and non-conditioned areas, will be 28,000 square feet. The facility is designed to achieve a Silver certification from the U.S. Green Building Council.

#### ■ SLADE PARK SUB-POLICE STATION AND PARK

City of Hialeah, Florida

**Architect/General Contractor:** Responsible for supervising and managing design professionals in architecture, civil/structural, electrical, plumbing, and mechanical disciplines involved in the production of construction plans, specification, and construction of a new police station and park.

#### ■ MAIN POLICE HEADQUARTERS

City of Hialeah, Florida

**Architect and General Contractor:** Responsible for the redesign of the main police headquarters facade and interior improvements. Supervised and managed design professionals in architecture, civil/structural, electrical, plumbing, and mechanical disciplines involved in the production of construction plans, specification and construction of the main police headquarter.

#### ■ CARL F. SLADE PARK/E-LIBRARY AND SUB-POLICE STATION

City of Hialeah, Florida

**Architect/General Contractor:** Responsible for supervising and managing design



### Education

- B.A. Architecture, University of Miami, 1983

### Registrations & Certifications

- Registered Architect, Florida No. AR0013549
- Registered Interior Designer, Florida No. ID002745
- Registered General Contractor, Florida No. CGC026708
- Registered Real Estate Agent, Florida No. SL0491033
- LEED Accredited Professional

### Experience

- AMEC: 2012
- Industry: 1983

### Professional Affiliations

- U.S. Green Building Council
- American Institute of Architects

### Additional Languages

- Spanish

professionals in architecture, civil/structural, electrical, plumbing, and mechanical disciplines involved in the production of construction plans, specification, and construction of a new 20,000-square-foot police station and park, which includes a recreation building and concession stand, two lighted little league baseball fields, one lighted baseball field, two lighted tennis courts, one lighted junior inline hockey rink, a children's playground, and gazebo with a picnic table.

■ **CITY HALL**

City of Hialeah, Florida

**Architect/General Contractor:** Responsible for supervising and managing design professionals in architecture, civil/structural, electrical, plumbing, and mechanical disciplines involved in the production of construction plans, specification, and construction for the conversion of an existing fire station to expand the City's permit and inspection department. The work included the design of a new ceramic tile mural installed on the west facade.

■ **MIAMI-DADE PARKS AND RECREATION DEPARTMENT**

Miami-Dade County, Florida

**Architect/General Contractor:** Worked on numerous park construction, fencing, tennis court resurfacing, and trails re-construction and re-surfacing projects, including the Key Biscayne Tennis Centre and Golf Course.

■ **HAMMOCKS COMMUNITY PARK**

Miami-Dade County, Florida

**Project Manager:** Responsible for supervising arsenic remedial work.

■ **57-UNIT ELDERLY HOUSING PROJECT**

City of Hialeah, Florida

**Architect/General Contractor:** Responsible for supervising and managing design professionals in architecture, civil/structural, electrical, plumbing, and mechanical disciplines involved in the production of construction plans, specification, and construction for a new 57-unit apartment building to house elderly seniors. This project was partially funded by CDBG grants.

■ **MIAMI-DADE CHILDREN'S COURTHOUSE**

Miami-Dade County, Florida

**Owner's Representative:** The 14-story, 378,000 square-foot building is a consolidation

of 17 agencies which includes 18 courtrooms and administrative and support spaces. The design of the courthouse consists of natural day lit corridors and public areas featuring public artwork. The new courthouse has won the Retrospective of Courthouse Design, National Center for State Courts, and AIA Justice Facilities Review awards. The project is anticipated to earn a LEED Silver certification from the U.S. Green Building Council.

■ **MIAMI-DADE COUNTY COURTHOUSE**

Miami-Dade County, Florida

**Owner's Representative:** The courthouse, located in Miami's Central Business District, was the tallest building in Miami-Dade County in 1925. The project consists of the repair or replacement of the facades terra-cotta tiles, waterproofing and sealing the windows, roof repairs, and replacement of exterior roof lights.

■ **911 EMERGENCY OPERATIONS/COMMAND CENTER**

Miami-Dade County, Florida

**Project Director/Architect/General Contractor:** Directed the State of Florida Enhanced 911 (E911) Board State Grant Program to support the Miami-Dade Police Department (MDPD). Designed and constructed interiors for a new primary Public Safety Answering Point as a regional center for Miami-Dade County. Designed and built new infrastructure to serve the new facility, including architecture/engineering construction documents, permitting, and construction services.

■ **GENERAL SERVICES ADMINISTRATION: TRADE SHOPS FACILITY**

Miami-Dade County, Florida

**Owner's Representative:** The General Services Administration (GSA) Trade Shops Facility is Miami-Dade County's first LEED Silver-certified project by the U.S. Green Building Council. The facility is the new headquarters for more than 100 County employees, with more than 112 parking spaces within the 100,000 square-foot footprint. The materials to construct the facility include sustainable wood, recyclable carpets, and eco-friendly furniture. The concrete shell from the existing old structure was crushed on-site and used entirely for the building's pad. Ninety-five percent of the waste generated during construction was diverted from landfill.

## Armando Hernandez, PE, SI

QA/QC Advisor

Mr. Armando Hernandez has more than 35 years experience in construction project management and engineering of complex technical projects in the power, pharmaceutical, industrial, transit, commercial, hospital, water and wastewater treatment, and infrastructure markets. As a Senior Principal Civil/Structural Engineer and Project Manager, he has directed home and field offices providing construction services. His professional background includes the design, project engineering, and inspection of commercial and institutional buildings, treatment plants, airports, bridges, and roadways. He is a licensed Special Inspector of Threshold Buildings in Florida.

### Key Projects

#### ■ RAVENSWOOD BUS MAINTENANCE FACILITY

Broward County, Dania Beach, Florida

**Associate Project Manager:** Led team for the commissioning, construction administration, construction materials testing and Special Inspections of the replacement of this bus maintenance facility. Included new operations center, multi-storey parking garage, fuel and wash stations, asphalt pavement and utilities.

#### ■ U.S. SOUTHERN COMMAND HEADQUARTERS

U.S. Army Corps of Engineers, Florida

**Senior Program Manager:** Led project office for this design/build military installation representing the USACE construction administration, quality assurance, estimating and scheduling, commissioning and safety oversight. Assisted in obtaining Silver LEED Certification; coordination with city and county officials. The 55-acre, 630,000-square-foot facility featured site antiterrorist measures, progressive collapse prevention, resistance to 185 mph gust wind loads, advance data and communications; tilt-up, steel, prefab and roadway construction; and post construction plant operations and maintenance. AMEC received the ASCE Miami-Dade Project of the Year Award.

#### ■ CONSTRUCTION PROJECT MANAGEMENT FOR THE EXPANSION OF RUNWAY 9R-27L

Broward County Aviation Department/Parsons Transportation Group, Florida

**Quality Assurance/Quality Control Manager:** Responsible for the management of the QA personnel overseeing the construction QC and owner's materials testing lab for this \$800-million FAA runway and aircraft bridge program. Features include 64-foot-high MSE walls containing six

million cubic yards fill, surcharging, dynamic compaction, and geotechnical instrumentation, and FDOT roadways and bridges. Project is the largest in Broward County history.

#### ■ SOUTH TERMINAL EXPANSION PROGRAM

Miami-Dade Aviation Department  
Florida

**Quality Control Supervisor:** Developed and managed a multidiscipline team of QA/QC inspectors and testing technicians during the \$830-million, six-year construction program. Managed inspectors located at off-site concrete and steel fabrication plants. Work included a new terminal and concourse, taxiway and apron, baggage handling systems, passenger loading bridges, jet fuel systems, roofing, building envelope, structural steel and welding, auger cast piles, roadways, and secured entrance gates.

#### ■ SPRING HILL AND HOMEWOOD SUITES HOTELS

OTO Development, LLC, Florida,

**Principal Engineer:** Oversaw the construction materials testing and threshold inspection services for development of two five-story 96,000-square-foot hotels. Services included testing of soils, asphalt pavement and concrete masonry and monitoring of fire walls, roofing, sheathing. Served as Special Inspector of Threshold Buildings, overseeing the onsite inspector and reviewing materials testing activities and results.

#### ■ CLIFFORD O. TAYLOR/ KIRKLANE ELEMENTARY SCHOOL PHASE I

Palm Beach County School District,  
Florida

**Principal Engineer:** Provided CMT and inspections oversight for phase I construction of new 172, 130-square-foot elementary



### Education

- M.B.A. Fairleigh Dickinson University, 1982
- Bachelor of Civil Engineering, Manhattan College, 1976

### Registrations & Certifications

- Special Inspector of Threshold Buildings, Florida No. 7392809
- Professional Engineer, Florida No. 63211, Puerto Rico No. 12103
- FDOT Certified CTQP Asphalt Paving I & II
- FDOT Certified CTQP QC Manager
- FDOT Advance Maintenance of Traffic
- OSHA 30 Hour Construction Safety and Health
- American Red Cross CPR & First Aid Certified

### Experience

- AMEC: 2002
- Industry: 1976

school classroom facility to replace older facility. Provided civil/structural technical support for the CMT and inspection of this new school facility.

■ WYNDHAM HOTEL AND CASINO

Wyndham Hotels and Resorts, Puerto Rico

Department Supervisor: Oversaw the resident engineer and inspector in the construction of this multi-story exclusive hotel near the historic Old San Juan cruise port with roof-top pool.

■ PARQUE DE LOYOLA CONDOMINIUM

Rio Piedras, Puerto Rico

Department Supervisor: Monitored and assisted resident and inspector engineers in the construction administration for this 18-story twin condominium with atrium, outdoor swimming pool, and multi-story concrete post tension parking facility.

■ MANUFACTURING PLANT EXPANSION

Colgate Palmolive, Puerto Rico

Construction Manager: Oversaw the bidding and phased renovation and expansion of \$50-million pharmaceutical manufacturing plant comprising of injection molding, blistering, bulk materials handling, packaging, and warehousing. Administered multiple construction and procurement contracts. Supervised resident QC engineer. Received an award from the Colgate plant and operations personnel and government development agency (PRIDCO) in recognition of services.

■ VESSEL MAINTENANCE FACILITY

Acua-Expreso Ferry System, Ports Authority, Puerto Rico

Supervisor: Supervised resident and inspection engineers for this \$8.6-million construction ports project.

■ WATER TREATMENT PLANT

Loctite, Puerto Rico

Department Supervisor: Oversaw the resident and inspection engineers for the construction of the concrete, steel, MEP and equipment installation of this adhesive manufacturing plant.

■ BUILDING CONDITION SURVEY

Nestlé, Puerto Rico

Project Engineer: Led team in evaluation

of 30,000-square-foot office and product distribution center. Prepared multi-discipline report describing physical condition, code compliance, and remedial cost to enable upgrade or replacement of the facility.

■ ROOF FAILURE INVESTIGATION

U.S. Surgical, Puerto Rico

Senior Civil/Structural Engineer: Implemented investigation of building roof collapse after heavy rainstorm. Prepared report for owner determining overloading of roof structure due to runoff of additional adjacent building construction and insufficient drainage. Project success led to an additional design project with the client.

■ JUDICIAL CENTER PLANS REVIEW

Scotia Bank, Puerto Rico

Senior Civil/Structural Engineer: Reviewed civil, architectural, mechanical, and electrical construction drawings prepared by another A/E of a \$28-million judicial building center for code compliance. Prepared report for Scotia Bank who was providing construction loan to Roig Development.

■ HIGHWAY PR-26 REVERSIBLE LANES

San Juan, Puerto Rico

Senior Civil/Structural Engineer: Prepared first PR Highway Authority's movable barrier system and associated vehicle specification for the Highway PR-26 design. Assisted Authority in procurement of vehicle. Assisted Barrier Systems, Inc. to set up fabrication in Puerto Rico. Led to Puerto Rico being the leading user of HOV lanes in the USA.

■ RESORT MASTER PLANNING

Procurement and Construction, Palmas del Mar, Puerto Rico

Project Manager: Responsible for infrastructure design and construction services of premier resort/residential community. Prepared master site development plan estimate of \$229 million which included highways, bridges, river channels, utilities, water storage, pumping station, treatment plant, and buildings. Maintained client contact, performed budgeting and proposal preparation, coordinated design drawings and specifications production and permitting, and supervised site inspectors for roadway, river channelization, beach club, golf club, site development, and utilities projects.

Professional Affiliations

- American Society of Civil Engineers
- Association of Engineers and Surveyors of Puerto Rico
- Construction Management Association of America
- Construction Industry Institute

Additional Languages

- Spanish

## Nestor Fernandez

Contract Manager

Mr. Nestor Fernandez is an experienced project and construction manager knowledgeable in South Florida building codes and all associated laws and regulations. With more than 25 years of experience, he has participated in managing, directing, coordinating, and administering all aspects of project management, construction oversight services, facility improvements, environmental remediation, systems operations/maintenance, construction cost estimating, and permitting.

As a Program Manager and Client Representative, Mr. Fernandez's responsibilities include administering of contracts of design professionals and contractors as well as coordinating all design, permitting, and construction efforts. He also provides support in areas such as plan reviews, contract scoping, document controls, budgeting, and payment submittal reviews. He coordinates and chairs design and construction progress meetings as well as reviews, tracks, and monitors construction progress, schedules, shop drawing submittals, and RFIs and their responses. He is also responsible for reviewing requests for change orders and coordinating the review, recommendation, and approval of progress payments.

### Key Projects

#### ■ MARCO ISLAND EXECUTIVE AIRPORT TAXIWAY AND APRON, COLLIER COUNTY

Marco Island, Florida

##### Program Manager/Client Representative:

The project involved the construction of a new 4,300-foot parallel taxiway "A," 330 linear feet of connectors "C" and "D," and approximately 203,000 square feet of expansion to the existing apron. This work entailed the clearing and grubbing of 13.5 acres of vegetation from swamp areas and stabilization of 80,000 cubic yards of peat in a 354,000-square-foot area by means of soil mixing more than 23 million pounds of cementitious binder into the existing soil. Construction also included installation of 1,970 linear feet of new site drainage ranging from 8 to 48 inches, 20,000 linear feet of lighting conduit, 17 units of guidance signs, 90 taxiway edge lights regulators, and miscellaneous electrical items. Additionally, construction included utility demolition and relocation, installation of tie-downs and placement of 43,000 square yards of asphalt. The project was completed on time and under budget.

#### ■ COLLIER COUNTY SOLID WASTE CAPITAL PROJECT'S PROGRAM MANAGEMENT

Collier County, Florida

##### Program Manager/Client Representative:

Assisted the County with coordination and overall administration of their Solid Waste Capital Construction Program. As the County's representative, tasked with variety of administrative duties including, general

program management, planning phase program management, design phase program management, construction phase program management, construction observation, and miscellaneous support services. The program included the following representative projects:

■ **Hammerhead Program:** This program is part of an initiative by Collier County Solid Waste Department and Waste Management, Inc. to construct roadway turnouts for waste collecting vehicles to prevent damage to private property at dead end streets in the Golden Gate Estates area of Collier County. A multi-year implementation plan and master schedule were developed so that the work could be broken into smaller more manageable groups. A team consisting of two design firms and three construction contractors were brought in to provide competitive pricing and a constant flow of work packages in accordance with the master schedule. The work involves construction of concrete and asphalt pavement and installation of a concrete pipe drainage system to mitigate impact on an existing stormwater conveyance system at more than 300 street ends.

■ **Collier County Landfill Household Hazardous Waste Facility:** The project included the construction of a 6,650 square-foot, one-story community recycle center with a cast-in-place reinforced concrete foundation and floor systems. It included a pre-engineered steel frame superstructure and metal panel wall and roof assemblies. Approximately 1,350 square feet are "under air" to house rooms for training, records, electrical



### Registrations & Certifications

- CTQP Quality Control Manager
- FDOT Advanced Maintenance of Traffic
- CTQP Asphalt Paving Level I
- CTQP Asphalt Paving Level II
- CTQP Asphalt Plant Level I
- CTQP Asphalt Plant Level II
- FDEP Stormwater & Sedimentation Control Inspector
- NACE Coating with Cathodic Protection
- Supervisors Training Course
- OSHA Confined Space Entry Supervisor Training Course
- OSHA 10 Hour – Construction Safety
- OSHA 40 Hour – Hazardous Waste Operations Training Course
- AMEC Project Manager Certification

### Experience

- AMEC: 2013
- Industry: 1987

components, data equipment, and toilet facilities. Included a 1,400-square-foot enclosed equipment work bay with 16-foot-wide overhead doors and 3,950 square feet of covered area for receiving and storage of household hazardous waste. Site work included site utilities, drainage piping, dry detention pond, asphalt paved surface, above ground fuel storage tank and dispensing area, parking, signage, striping, landscape, and irrigation, etc.

- **North Collier Recycling Drop-off Center:** Project included the construction of a new 55,000-square-foot, state-of-the-art recycling center that includes bays for items such as household hazardous waste, fluorescent bulbs, batteries, electronics, paints/solvents, used oils, paper/cardboard, and horticultural wastes. The project also included improvements to the underground utilities with the installation of a new 8-inch water main, 8-inch fire line, 4-inch force main, a new lift station, and a new stormwater conveyance system. This project had a number of technical challenges, including the installation of a high-voltage switch cabinet and underground high-voltage feeder lines to provide power at an on-site step down transformer. A high degree of coordination, constant communication, and follow through was needed to maintain the construction schedules, minimize change orders, and address security at an existing construction entrance to the North County Water Reclamation Facility. The project was completed on time, within budget, and without major issues.
- **Naples Landfill Scale House:** Provided construction engineering and inspection (CEI) services on the Naples Landfill Scale House project for Collier County Public Utilities Engineering Department. The project consisted of demolition of an existing building, the erection of a new operations center with three new scales, improved digital weighing system, a camera system, an odor monitoring and response center, and a weather station with field analysis center. The project also includes improvements to the underground utilities by the installation of a new 10-inch water main, a 2-inch force main, and a new grinder station.

**■ CITY OF MIAMI BEACH  
CONSTRUCTION PROGRAM**

City of Miami Beach, Florida  
**Program Manager/Project Manager:**  
Assisted the City's Capital Improvement

Projects Department (CIP) with program management and vertical construction oversight of 17 parks and other facilities throughout the City. The program included the following representative projects:

- **Normandy Isle Park and Pool:** Managed and coordinated the renovation of a 3.6-acre park per 1996 City of Miami Beach Parks Master Plan, which includes a new pool facility, locker rooms, a new first-floor recreation center, shade pavilions, field renovations, drainage, a multi-purpose court, gated park entries, promenade, court, field, and security lighting, new tot lot, furnishings, signage, landscaping, irrigation, and on-street parking.
- **North Shore Open Space Park:** Managed and coordinated the renovation of a 34.61-acre passive park per 1996 City of Miami Beach Parks Master Plan. Project was divided into three phases. Phase I included selective clearing of exotic vegetation; landscaping with new native vegetation species between the back dune and coastal hammock areas; and irrigation. Phase II included a 15-foot-wide paved pathway; entry walls; pavers at the entrance at 79th and 85th Streets; security lighting; vita course replacement/restoration; and park furnishings. Phase III, included restroom renovations; renovation of two existing shade pavilions; concession restoration; North and South wall signs; new tot lot; and signage.
- **Fire Station No. 4:** Managed the design and construction of a 10,000-square-foot, state-of-the-art fire house with three large engine bays and living quarters for 12 full-time fire fighters, as well as the complete replacement of the police/fire docks and seawall adjacent to the Fire Station and Police Annex.
- **North Shore Park and Youth Center:** Managed the renovation of the 17.22-acre park per 1996 City of Miami Beach Parks Master Plan, which included a new recreation center; new tennis center; community center; tennis court replacement; new basketball courts; new shuffleboard courts; new ball field and dugouts; new park entries; security lighting; new playground equipment; signs; furnishings; fencing; landscape; and irrigation.
- **Miami Beach Golf Club (Club House):** Supervised the bid, award, and construction management of the new clubhouse, maintenance building, restrooms, and rain shelters.

## Santiago Jimenez, AIA, LEED AP

Project Manager/Senior Architect

Mr. Santiago Jimenez is a licensed architect with more than 15 years of experience as a project manager and architect for large-scale cruise terminals, commercial, industrial, recreational, and institutional projects. He has extensive experience in managing projects, developing contract documents, and on-site construction observation.

As a project manager, he has been responsible for all phases of design and construction, including design development, code and zoning compliance, specifications, construction documents, bidding assistance, and shop drawings, as well as review and construction administration for large-scale transportation, commercial, institutional, and industrial projects. As an architectural group leader, he has also been responsible for the supervision of personnel and financial and resources management.

Mr. Jimenez's project experience includes an aquatic park, trails, gun range, zoo facilities, and site improvements for the Miami-Dade County Parks Department; government facilities for the City of Miami Gardens, as well as numerous projects for port and marine facilities. He has provided design and construction services for several state-of-the-art cruise ship terminals, including the Port of Miami and other major seaports in the United States and internationally.

### Key Projects

#### ■ MUVICO THEATER PARKING GARAGE

Boca Raton, Florida

**Project Manager:** Provided construction documents for a two-story, 103,000-square-foot parking garage capable of accommodating 575 vehicles. The design featured pre-cast and pre-stressed concrete and was designed to complement the Moorish theme of the complex.

#### ■ PARKING GARAGE FOR CRUISE TERMINAL 10

Port Canaveral, Florida

**Project Manager:** Provided consulting services, design development, and design criteria for a parking facility to accommodate 1,300 vehicles within 407,000 square feet and four stories. Design criteria was intended for use in a design-build construction approach.

#### ■ PARKING GARAGE FOR HMS QUEEN MARY CRUISE TERMINAL

Long Beach, California

**Project Manager:** Provided construction documents for a 1,415-car, five-level structure containing an intermodal center on the ground floor. Its aesthetics reflect the theme of the overall village, utilizing a series of four-story-tall graphic images on perforated canvas. This allows for air flow and provides striking images from a distance that are easily changed for seasons or events.

#### ■ PARKING GARAGE FOR CRUISE TERMINAL D

Port of Miami, Florida

**Project Manager:** Provided construction documents and permitting assistance for a four-story, 750-vehicle parking facility. The facility was designed with pre-cast and pre-stressed concrete.

#### ■ ZOO MIAMI IMPROVEMENTS

Miami-Dade County Parks and Recreation Department, Miami, Florida

**Project Manager:** Provided design services to implement zoo-wide improvements and master plan recommended expansion for the new "Florida Exhibit." The scope of services included professional architectural and engineering services, such as civil, structural, mechanical/plumbing, electrical, landscape, and interpretive design services. Services also included programming, schematic design, design development, construction document development, construction administration, and bidding and award assistance. The construction budget is \$34 million and construction is scheduled for completion by spring 2015.

#### ■ AMELIA EARHART PARK, AQUATIC COMPLEX AND PARK IMPROVEMENTS

Miami Dade County Parks and Recreation Department, Miami, Florida

**Project Manager:** The work includes the



### Education

- Master of Architecture, Suburb and Town Design, University of Miami, 2006
- B.A. Architecture, Cristobal Colon University, Veracruz, Mexico, 1995

### Registrations & Certifications

- Registered Architect, Florida No. AR94369
- Certified General Contractor, Florida No. CGC1513569
- Licensed Architect, Mexico
- LEED Professional Accreditation

### Experience

- AMEC: 2014
- Industry: 1996

### Professional Affiliations

- American Institute of Architects
- U.S. Green Building Council

review and coordination of environmental, ecological, and archaeological services to develop the property into a family-orientated water-park and mountain bike facility. The proposed facilities include a water park with lazy river; water splash area; water slides; wave pool with supporting locker/restrooms; administration areas; concession areas; and a mountain bike facility. The construction budget is \$8 million and construction work is scheduled for completion by fall 2014.

### ■ TRAIL GLADES PARK

Miami-Dade County Parks and Recreation Department, Miami, Florida

**Project Manager:** The project included the restoration and improvement of an existing shooting facility in western Miami-Dade County. The project's scope included environmental clean-up, design upgrades to existing ranges, development of new ranges, and upgrades to existing parking facilities to make the site handicap accessible. The work was completed in phases with Phase I successfully completed on schedule in winter 2010. Phase II was completed in spring 2013. Services included design development, construction documents, permitting, and architectural and engineering construction administration for the project. As part of the construction administration services, also coordinated and monitored the design work with the construction contractors, responded to RFI, reviewed shop drawings, and reviewed payment requisitions.

### ■ NORTH TRAIL PARK

Miami-Dade Parks and Recreation Department Miami, Florida

**Project Manager:** Completed architectural services for a 4,450-square-foot recreational facility, which included multipurpose rooms, a game room, an arts and crafts room, offices, a restroom, and a kitchen. Storage for athletic equipment was also designed.

### ■ BIRD LAKES PARK

Miami-Dade Parks and Recreation Department, Miami, Florida

**Project Manager:** Provided complete architectural services for a 3,000-square-foot, one-story recreation building that included a kitchen facility, snack bar, restrooms, meeting room, and mechanical and storage areas, as well as a lighted parking lot and a 800-square-foot covered open area.

### ■ EUREKA VILLAS PARK

Miami-Dade Parks and Recreation Department Miami, Florida

**Project Manager:** Provided complete architectural services for a 3,000-square-foot, one-story recreation building that included a kitchen facility, snack bar, restrooms, meeting room, and mechanical and storage areas, as well as a lighted parking lot and a 800-square-foot covered open area.

### ■ IVES ESTATES PARK YOUTH BALLFIELD

Miami-Dade Parks and Recreation Department, Miami, Florida

**Project Manager:** Provided complete architectural services for a 3,000-square-foot recreational facility, which included meeting rooms, offices, restrooms, and a snack bar. A lighted parking lot for 437 vehicles, two lighted and irrigated baseball fields, an irrigated soccer field, and storage for both athletic equipment and scooters were also included in this project. A gas methane mitigation and management system was implemented since the property is located on a former landfill.

### ■ MIAMI GARDENS MUNICIPAL COMPLEX

Miami, Florida

**Project Manager:** Provided design services and construction document preparation for the new municipal complex in the City of Miami Gardens. The project included a city hall, police building, and a multi-story parking garage. The project incorporates sustainable design and state-of-the-art green technology to achieve a LEED Platinum certification by the USGBC. The work was scheduled for completion in phases with Phases 1 demolition completed in October 2011. The construction budget was \$39 million and work was completed in fall 2013.

### ■ DOCK MASTER BUILDING AT PELICAN HARBOR MARINA

Miami, Florida

**Project Manager:** Provided design development and construction documents for two-story, 3,500-square-foot office building for the operation of the dock master's marina. The project included offices, multipurpose room, laundry, showers, and site improvements. The dock master building is the only facility incorporated in this project and conforms to a Streamline Moderne style of Art Deco.

## Daniela De Rossi, RA, NCARB

Architectural Services - Project Architect

Ms. Daniela De Rossi has more than 10 years of professional architectural experience in the architectural/construction field. She has knowledge of the practices involved in architecture, design and construction, and related engineering aspects involving different building types and levels of complexity to include multiple office buildings, warehouses, religious institutions, and mid-rise multi-family and single family residences. Ms. De Rossi's professional experience includes the coordination and production of construction documents, planning and design, specifications, program development, and implementation of building projects.

Ms. De Rossi has been responsible for review and coordination of architectural, civil, structural, mechanical, electrical, plumbing, landscape, and fire protection plans with clients, engineers, contractors, and trade manufacturers for completeness and compliance with local, state, and federal government agencies and government officials having jurisdiction over projects. She has knowledge of current building and zoning codes, laws, and regulations, and the ability to understand their impact on different building types.

### Key Projects

#### ■ RESIDENCIA JESUS MAESTRO CATHOLIC HOUSING

Agrupacion Catolica Universitaria, City of Miami, Florida

**Project Manager:** Project included a seven-story building complex overlooking Biscayne Bay composed of 30 dormitories. The project was developed to include an environment that fosters close relationships, outdoor sports, and social activities. Responsible for managing and coordinating the development of architectural, civil, landscape, structural, mechanical, electrical, fire protection, and plumbing disciplines for construction documents of the 51,000-square-foot building. Amenities include a library, chapel, meeting rooms, and large balconies.

#### ■ PALMETTO BAY POINT BUILDING

Isaac's Roofing HQ, Village of Palmetto Bay, Florida

**Project Manager:** Project included a two-story commercial office building. Responsible for managing and coordinating the development of architectural, civil, landscape, structural, mechanical, electrical, fire protection, and plumbing disciplines for construction documents of the 18,000-square-foot building.

#### ■ COMMUNITY CENTER/DORMITORY BUILDING

Southeast Pastoral Institute, Miami, Florida

**Project Manager:** Project included a one-story community center composed of 10 dormitories. Amenities include a library, chapel,

and a dining/meeting room. Responsible for managing and coordinating the development of architectural, civil, landscape, structural, mechanical, electrical, fire protection, and plumbing disciplines for construction documents of the 4,000-square-foot building.

#### ■ VILLAS DE MARBELLA

Cape Coral, Florida

**Project Manager:** Project included a three-story multifamily residential building composed of 24 units. Responsible for managing and coordinating the development of architectural, civil, landscape, structural, mechanical, electrical, fire protection, and plumbing disciplines for construction documents of the 25,000-square-foot building.

#### ■ CENTRO ASISTENCIAL ROSARIO DE LA CUEVA, CORPUS CHRISTI CATHOLIC CHURCH

Miami, Florida

**Project Manager:** Project included a one-story primary healthcare facility. Responsible for managing and coordinating the development of architectural, civil, landscape, structural, mechanical, electrical, fire protection, and plumbing disciplines for construction documents of the 2,800-square-foot building.

Additional project management experience includes:

- Padre Felix Varela Monument, Miami, Florida
- Southeast Pastoral Institute Fountain, Miami, Florida



### Education

- B.A. Architecture, Florida Atlantic University, 2008
- B.S. Architectural Design, Florida Atlantic University, 2002

### Registrations & Certifications

- Registered Architect, Florida No. AR96423
- Registered Interior Designer, Florida No. ID006010
- NCARB, United States No. 75536

### Experience

- AMEC: 2013
- Industry: 2000

## James Santiago, RLA

Architectural Services - Landscape Architect

Mr. James Santiago has more than 30 years experience in planning and landscape and irrigation design. Mr. Santiago's experience has been continually in the public sector having designed significant projects for Florida Atlantic and Florida International Universities, where he has completed four major LEED based projects such as the FAU school of Engineering and the College of Arts and Sciences. These projects consisted of not only planning, but landscape and creative water use systems as well. Recently, Mr. Santiago has completed work on three major South Florida Hospitals spanning more than 30 acres each.

In addition, he has extensive experience in park and roadway design, having recently completed a redesign of unique landmark parks such as Amelia Earhart Park and the Trailglades Shooting Park in Miami, and Young Circle Park in Hollywood, Florida.

### Key Projects

#### ■ AMELIA EARHART PARK, PHASE I

Miami Gardens, Florida

**Landscape Architect:** This is an existing 100-acre park in Miami Gardens, Florida. Approximately 50% of the park had been previously developed and our task was to program the future development of the park and develop a budget for these future phases. It was decided that a water park would also be added to the program for immediate construction. We developed plans for the perimeter and entry revisions as well as development of irrigation water sources which would accommodate the future expansions. Our concepts for directional and information signage.

#### ■ MIAMI GARDENS MUNICIPAL COMPLEX

City of Miami Gardens

**Landscape Architect:** This project consisted of the landscape and irrigation design for the new municipal center of the City. The landscape was designed to compliment the 24 hour usage of the facility and at the same time be sustainable. A water recovery system and totssal drip installation was to be self sufficient and water efficient.

#### ■ MIAMI GARDENS CITY HALL COMPLEX LANDSCAPE AND IRRIGATION

City of Miami Gardens

**Principal Landscape Architect:** This is a platinum LEED project which is currently under construction. Entrusted with the landscape and irrigation systems as well as site planning for the main public spaces. The underground water storage and all

drip irrigation layout is designed to be self sufficient and of sufficient storage capacity to supply all of the water needs of the campus. The landscape is all native and to reflect the nature of the local landscape.

#### ■ CLEVELAND CLINIC NEUROLOGIC CENTER AND CAMPUS EXPANSION CONSUL-TECH ENGINEERING, INC.

**Landscape Architect:** This project consisted of the evaluation of the 80 acre site for a parking and building expansion. The work also included the permitting for tree relocation and removal, landscape architecture and system coordination for over \$300,000.00 in landscape and irrigation work. The revision of the design of the new campus facilities required close coordination for a fast tracking of the project with the help of the client, their contractor and the city.

#### ■ ZOO MIAMI FLORIDA EXHIBIT

Miami, Florida

**Landscape Architect:** The work has included the evaluation and coordination of the existing facility and the proposed design of a new entry and the new Florida Exhibit. The work also included the permitting for tree relocation and removal, landscape architecture and system coordination for over \$900,000 in landscape and irrigation work.

#### ■ MEL REESE GOLF TRAINING CENTER MC HARRY ARCHITECTS

**Principal Landscape Architect:** Located in the Doral Area of Miami this facility was to replace an aging facility which housed



### Education

- Bachelor of Landscape Architecture, Louisiana State University, 1978
- Bachelor of Architecture, University of Kentucky, 1975
- B.A. Speech and Theater Arts, Georgetown College, 1973

### Registrations & Certifications

- Landscape Architect, Florida No. 0000795

### Experience

- AMEC: 2012
- Industry: 1978

training space and the cart and club storage for the golf course. The task was to evaluate the site for the location of the new building and then develop landscape and irrigation plans. Because the existing landscape was to be removed permitting for that task was also secured. Secured the permitting required and prepared mitigation plans. The building was to be built to LEEDS Silver standards and particular attention was to be given to respecting the native materials and irrigation efficiency. Because the existing golf facility used well water efficiencies were arrived at by utilizing low gallonage heads.

### ■ FAU SCHOOL OF ENGINEERING

Client Schwab, Twitty & Hanser

**Principal Landscape Architect:** Located on the Boca Raton Campus of Florida Atlantic University the project is now a fully commissioned LEED Platinum facility. It was located on 10 acres of the central campus and represents a showcase of water and energy use. The landscape was made to enhance the habitat natural to this area.

### ■ PLANTATION HERITAGE PARK

DeRose & Slopey

**Principal Landscape Architect:** Located in Plantation, Florida, this park was to be a pedestrian destination for the immediate neighborhood. The program was to include, a walking pathway, a dog area, heart parcours and butterfly gardens. We were also responsible for the landscape and irrigation design. Because of the long rectangular shape of the property and its proximity to public right-of-way and private residential area, a series of mounds were employed upon which to landscape and used those mounds to help modulate and reinforce the pathways. Shade structures were also placed to act as focus points for neighborhood gatherings and also as visual personal space. The native plant selection was chosen to both attract butterflies and provide an educational aspect to ones experience in the park. Another requirement of the design was that the park would serve as a staging area for several annual arts and crafts events. The pathways and spaces have since become a popular social focus for the community.

### ■ TOPEEKEEGEE YUGNEE PARK

DeRose & Slopey

**Principal Landscape Architect:** TY Park is located in eastern Hollywood, Florida.

Originally completed in the late 1960s this project included the revision to the major circulation, directional signage and perimeter landscape. Our project scope also included the planning of an expanded RV area and the expansion of the park's very popular waterpark. Also tasked with increasing the efficiency of the irrigation water sources and site lighting.

### ■ FORT LAUDERDALE COMMERCIAL AIRPORT OBSERVATION AREA

Williams, Hatfield & Stoner

**Principal Landscape Architect:** This project included the design of a small area from which people could view the activity at the airport. Indeed the project as it evolved is a kind of pocket park where the views to the airport are focused upward and at the same time give strong visual cues to the passerby as to the nature and purpose of the space. Incorporated all of the latest ADA required features in a way that would be practical and yet visually make sense. Because our goal was to create an environment hospitable enough to accommodate viewing during any time of day landscaping is used as a shelter from the sun and as a special element to buffer the park from the roadway adjacent. Another goal was set to use native xeriscape. To this end materials were used which meet this requirement and an irrigation system put in place whose ultimate fate would be to be shut off after establishment of the plant material. Thereafter only sodded areas adjacent to the deck area would be left on. Used low cost materials with a short life cycle in the xeriscape areas where longevity is not a factor and used standard long life cycle materials in all other areas.

### ■ IMPERIAL POINT HOSPITAL

HDR, Inc.

**Principal Landscape Architect:** This project is a public hospital facility on a 30-acre campus. Firm was tasked to inventory all landscape and irrigation existing and revise to current standards in the City of Coral Springs. The budget and time frame were of great importance and the project was completed within the budget and in the time frame required. Also tasked with securing tree removal permitting and evaluating all work. The project recently won a community appearance award in the City of Fort Lauderdale.

## Mathia N. Scherer

Architectural Services - Historic Preservation

Ms. Mathia Scherer's work in history and architectural history covers several facets. Her primary focus has been Section 106 architectural assessments and evaluations. Her projects include small and large scale architectural assessments and evaluations, cultural resources identification, cell tower surveys, cemetery surveys, mitigation documents, public involvement, and HABS/HAER/HALS documentation. Surveys have ranged from small, two-structure surveys to large surveys totalling more than 400 structures, with the primary focus on military structures from the late nineteenth century to the Cold War. Her other responsibilities include creating architectural and archaeological contexts, cemetery identification, research, and recordation, and archival research. Outside of historic preservation and cultural resource management, Ms. Scherer has worked on sites dealing with such historically sensitive issues as slavery (both in Kentucky and nationally) and Native American-United States Government relations (both in Minnesota and nationally). Her research has dealt with a wide variety of topics, including 19<sup>th</sup> century American culture, Public History, architecture, and the Protestant Reformation.

### Key Projects

#### ■ HISTORIC RESOURCES SURVEY

U.S. Air Force, Eglin Air Force Base, Florida

**Principle Investigator:** Managing and participating in the documentation of 50 buildings at Camp Rudder and assessing the historic golf course landscape at Eglin Air Force base. Camp Rudder work includes the documentation and assessment of the buildings based on their historic role as a training site for Army Rangers and as a prison. The golf course landscape is the continuation of a previous documentation project to include all resources under 50 years of age. Research was performed on base and at Maxwell Air Force Base in Alabama.

#### ■ HISTORIC RESOURCES SURVEY

U.S. Air Force, MacDill Air Force Base, Tampa, Florida

**Principle Investigator:** Managing and participated in the documentation of 20 Cold War era buildings and resources at MacDill Air Force Base under Section 106. Buildings were assessed for their significance in association with the Cold War, the history of the various units stationed at the base, and the history of the special commands operating from this base.

#### ■ ARCHITECTURAL RESOURCES SURVEY

U.S. Air Force, Eglin Air Force Base, Florida

**Principle Investigator:** Managing and participated in the documentation of 78 Cold War era buildings at Eglin Air Force Base under Section 106. Buildings were assessed for their significance in association with the Cold War

and the history of the various units stationed at the base. Several historic districts were identified as eligible for NRHP listing.

#### ■ CULTURAL RESOURCES SURVEY FOR THE PROPOSED HIGHLANDS ETHANOL FACILITY

Highlands County, Florida

**Principle Investigator:** Performed a Section 106 architectural survey as part of a combined architectural and archaeological survey. Ms. Scherer documented buildings in the Area of Potential Effect over 50 years of age. In addition, she performed research at local and state repositories to create a historic context focused on the history of the county and its ranching industry in particular. The survey findings were detailed in a technical report that included the historic context, building descriptions, and National Register of Historic Places evaluations.

#### ■ HISTORIC RESOURCES OVERVIEW FOR THE PROPOSED HIGHLANDS ETHANOL FACILITY

Highlands County, Florida

**Principle Investigator:** Performed a historic resources overview for a 30,000-acre project area. A site file check was performed at the Florida State Historic Preservation Office to identify any above-ground resources within the project area that had been previously documented or National Register of Historic Places listed. Research was performed at local repositories to provide an initial historic context for the region. A windshield reconnaissance was also performed to visually identify any resources more than 50 years of age.



### Education

- M.A. History, University of Louisville, Louisville, Kentucky, 2000
- B.A. History, University of Louisville, Louisville, Kentucky, 1996

### Registrations & Certifications

- Secretary of Interior Qualifications for Historian and Architectural Historian

### Experience

- AMEC: 2000
- Industry: 1996

### Professional Affiliations

- National Trust for Historic Preservation
- Preservation Kentucky
- Vernacular Architecture Forum

■ **HISTORIC RESOURCE SURVEY FOR THE PROPOSED C-1 CELL TOWER**

Franklin County, Kentucky

**Principal Investigator:** Performed the survey using FCC Form 620 as recognized in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission dated September 2004. The survey required site file checks at the SHPO office, photo documentation of the site in a 360° manner, photo documentation of any properties over 50 years not already documented, and appropriate mapping. Survey results were documented in a technical report.

■ **HISTORIC RESOURCES SURVEY FOR THE PROPOSED MORGANFIELD BYPASS**

Morganfield, Kentucky

**Principal Investigator:** Performed a historic resources survey for the proposed construction of the Morganfield Bypass from KY 360 to KY 3393. The survey included written and photographic documentation. Digital photographs were taken, and the findings of the survey were compiled into a technical report that included a historic context, NRHP assessment, and determination of effect. Appropriate survey forms were completed for the project. A total of four resources were documented.

■ **HISTORIC RESOURCES SURVEY FOR THE PROPOSED WAL-MART DEVELOPMENT SITE**

SITE, Inc., Caldwell County, Kentucky

**Principal Investigator:** Documented one building more than 50 years of age located on property proposed for a Wal-Mart Super Center. A Kentucky Historic Resources Inventory Form was completed. No technical report was required.

■ **BASILINE DOCUMENTATION OF THE NELSON COUNTY COURTHOUSE FOR TRANSPORTATION ENHANCEMENT FUNDING**

Nelson County, Kentucky

**Principal Investigator:** Assisted with the documentation of the Nelson County Courthouse as part of Transportation Enhancement (TE) funding to document alterations to the building and ensure compliance with the Secretary of Interior Standards. Digital and black and photography

was performed. The findings were summarized in a technical report, which included the survey results and a historic context. The POP for this project was 2007.

■ **HISTORIC RESOURCES VIEWSHED AND NOISE SURVEY FOR THE PROPOSED RIVERPARK PLACE WATERFRONT DEVELOPMENT**

River Partners LLC, Louisville, Kentucky and Jeffersonville, Indiana

**Principal Investigator:** Performed a viewshed survey and noise assessment for the proposed development, which included the Louisville Municipal Boat Harbor. The APE for this project included Kentucky and Indiana, with a total of four existing historic districts, several NRHP-listed buildings, and an NRHP-listed cemetery. No new resources were identified. Consultation occurred with the Kentucky and Indiana SHPOs. Meetings were held with the USACE, Louisville District. The findings were summarized in a technical report, which included a historic context on approximately seven neighborhoods and one cemetery, NRHP evaluations, and a determination of effect.

■ **HISTORIC RESOURCES SURVEY AT KEAUKAHA MILITARY RESERVATION**

Hawaii Army National Guard, Hilo, Hawaii

**Principal Investigator:** Performed a Section 106 survey and assessment of World War II and Cold War era buildings at Keaukaha Military reservation. Documentation was performed with 35mm color and black and white film. Archival research was performed in Hilo, with repositories on other islands contact for information. The technical report included the historic context, NRHP assessment, and determination of effect.

■ **HISTORIC STRUCTURES SURVEY**

Wright-Patterson Air Force Base, Ohio

**Principal Investigator:** Performed an architectural survey and assessment of Cold War era structures at Wright Patterson Air Force Base. This survey included written and photo documentation and research in the facility archives. Both 35mm color and black and white photography was performed and appropriate survey forms were completed. Built upon the existing historic context to determine the historic significance of the structures that were surveyed. The findings were detailed in a technical report.

## Jose A. Milian

Architectural Services - Lead Designer

Mr. Jose Milian has performed more than 180 visual assessments including the use of specialized photo simulation software. He has also served as the CAD design lead for several multi-million dollar jobs for the FDOT as well as several out of state architectural and structural airport projects. His specific areas of expertise include the utilization of 3D animations, renderings, walk-throughs, and telecommunications, as well as environmental, architectural, structural, transportation, and geotechnical CAD design.

He has created numerous photo simulations for AMEC's Architecture & Engineering Infrastructure Design Department. These simulations were used for tower collocations, rooftop installations, and new build view shed analysis sites. In addition to new build visual assessments, Mr. Milian has created rooftop visual assessments depicting future antennas and telecommunication equipment. He also develops designs that require matching of ambient colors to satisfy building codes and municipal requirements. Additional examples are concealment flagpoles, clock towers, monopoles, mono-pines, monopoles, stealth crosses, bell towers, light poles, and water towers.

### Key Projects

#### ■ ICHETUCKNEE TRACE MINING RECLAMATION AND STATE PARK DESIGN

Florida Department of Environmental Protection, Florida

**CAD Specialist:** Project efforts include site master plan development, data collection, park development, land-use and topography reclamation plans, and construction planning/permitting for redevelopment of Ichetucknee Trace mining site into area of state-owned recreational park. Project includes reclamation of four lake areas in a limerock quarry (covering 450 acres) and development of the lakes for fishing, scuba diving, boating, beach area, and wildlife habitat. Other potential park features include bath-houses, horseback riding trails, boardwalks, dive platform, boat docks, parking facilities, and potential off-road ATV or bike use area. Managed the CAD design process for structural design as well as environmental layout and GIS orientation.

#### ■ MONROE COUNTY CANAL MANAGEMENT MASTER PLAN, PHASE 2

Monroe County, Florida

**GIS Data Administrator:** The project was funded by an EPA grant and involves completing the Canal Management Master Plan created during Phase 1 for the entire Florida Keys. All of the approximately 502 residential canals are being evaluated through field visits to determine water quality impacts and to identify appropriate cleanup options. Extensive homeowner interviews

and meetings have been performed. The canals will be ranked for need for water quality improvement. An updated GIS database is being prepared incorporating the new information obtained on the Keys canals related to water quality and restoration options.

#### ■ ARCHITECTURE AND ENGINEERING SERVICES

Comcast, Various Locations

**CAD Designer:** Provided A&E services for various Comcast sites. Responsible for creating and updating designs for the client.

#### ■ STORMWATER SERVICES AT FORT LAUDERDALE INTERNATIONAL AND NORTH PERRY AIRPORTS

Broward County Aviation Department, Florida

**CAD/Environmental Professional:** Provided stormwater compliance services for tenant facilities at Fort Lauderdale International and North Perry airports. Services included sampling, permitting, and facility inspections. Created environmental data plans and GIS location plans.

#### ■ JUPITER WEST FACILITY

CB Richard Ellis Group, Inc./Florida Power & Light, Florida

**CAD Specialist:** Provided engineering services for Florida Power & Light at Jupiter West Facility. Performed design services for site layout, as well as created Photo-Sim and Renderings.



### Registrations & Certifications

- More than 220 hours of online training for Microstation and FDOT
- Revit Architecture 40-hour course

### Experience

- AMEC: 2009
- Industry: 1994

■ **HOLLYWOOD INTERNATIONAL AIRPORT PAVEMENT DESIGN FOR TERMINAL-4 APRON REPLACEMENT**

Broward County/HDR, Inc., Florida

**CAD Specialist:** Provided pavement evaluation and design services in support of the civil works associated with the reconfiguration of Terminal-4 at Fort Lauderdale Hollywood International Airport. The apron pavements and surrounding taxi lanes, totaling approximately 1.8 million square feet, will service a reconfigured terminal and gate layout. Pavement structural designs, details, and considerations for phased construction are included in the evaluation and design process. Assisted in preparation of report for proposal, as well as created Photo-Sims as requested by client.

■ **STATE ROUTE 5A KEY WEST RECONSTRUCTION CONSTRUCTION ENGINEERING INSPECTION AND PROJECT MANAGEMENT**

Florida Department of Transportation, Florida

**CAD Specialist:** Provided CEI and project management for the reconstruction of 8 miles of major state highway (SR-5A) in Key West, along with bridge approach slab reconstruction, embankment and drainage repair, and landscaping. Prepared Photo-Sims and renderings used for proposal purposes.

■ **NEW BUILDS SITE SERVICES**

Cingular Wireless, Various Locations

**CAD Specialist:** Provided services related to co-location and new build requirements including site acquisition, zoning, and construction turnkey services at 50 sites in the District of Columbia, Maryland, Northern Virginia, and Pennsylvania. Also prepared CAD designs for lease exhibits, zoning drawings, and construction drawings.

■ **TELECOM SITE ENGINEERING DESIGN AND STRUCTURAL ANALYSIS SERVICES**

Cingular Wireless, Various Locations

**CAD Designer:** Provided architecture and structural evaluation and analyses, electrical engineering, and permitting coordination services. Responsible for development of zoning and construction drawings for 4,127 cell sites within a six-month period to support development, expansion, and upgrade of a wireless system. Created and updated designs for the project.

■ **TELECOMMUNICATION TOWER DESIGN SITE ASSESSMENTS AND OTHER SERVICES**

T-Mobile USA, Inc., Georgia

**CAD Designer:** Provided environmental, geotechnical, and other services for telecommunication tower design projects at 28 sites in 15 counties throughout north Georgia, ranging from 60 to 250 feet in height. Created and updated designs for the project.

■ **ZONING AND CONSTRUCTION DRAWINGS FOR TENANT IMPROVEMENTS**

Clearwire US, LLC, Arizona

**CAD Designer:** Provided zoning and construction drawings for permit approval at 52 sites as part of tenant improvement effort for western U.S. telecommunications operation. Created and updated designs for the project.

■ **ELECTRICAL ENGINEERING SERVICES**

Crompton Electric, Florida

**CAD Designer:** Electrical engineering designs for multiple locations in Florida. Responsible for creating and updating designs for the project.

■ **I-595 DESIGN BUILD**

Dragados USA/Florida Department of Transportation, Florida

**CAD Specialist:** Provided geotechnical exploration, QC, CMT, and inspection services for a five-year FDOT project involving construction of three miles of HOT lanes on a three-lane highway. Current microstation CAD manager for the I-595 expansion project.

■ **DEPARTMENT OF ENVIRONMENTAL MANAGEMENT BUILDING 66 SITE ASSESSMENT**

Miami-Dade County, Florida

**CAD/Environmental Professional:** Provided soil and groundwater assessment and created environmental data and GIS location plans.

■ **DEPARTMENT OF ENVIRONMENTAL MANAGEMENT RED TOP SEDAN SOURCE REMOVAL**

Miami-Dade County, Florida

**CAD/Environmental Professional:** Provided source removal services and created environmental data and GIS location plans.

## Armando Alvarez, PE, LEED AP

Mechanical, Electrical, and Plumbing Engineering Services

Mr. Armando Alvarez is a registered Principal Engineer with 21 years of experience in engineering design and evaluation of new and existing buildings and structures for commercial, city, county, and state clients. Mr. Alvarez is a registered Professional Engineer in Florida, Georgia, and Arizona, and has attained Leadership in Energy and Environmental Design (LEED) accreditation.

Throughout his career, Mr. Alvarez has provided commercial and government clients with engineering services related to facilities support including evaluations, renovations, energy modeling, retrofits, and new construction. He also has extensive experience with providing engineering design services to telecommunication clients for the installation of new communication sites at existing buildings and new or existing tower sites.

### Key Projects

#### ■ BUS MAINTENANCE FACILITY RE-ROOFING DESIGN

Broward County Construction  
Management Division, Florida

**Design Engineer:** Services include reporting, planning, schematic design, construction documents, post-construction services, and reporting. Responsible for the redesign of the existing ventilation system as part of the re-roofing project.

#### ■ BUS MAINTENANCE FACILITY MAINTENANCE DIVISION OFFICES

Broward County Construction  
Management Division, Florida

**Principal Engineer:** Services included field assessment, demolition, and construction drawings of Broward County Facilities Maintenance Division office and workshop spaces. Designed the mechanical portion of the renovation and also served as engineer of record for the drawing package. Served as Project Principal responsible for the overall quality of the renovation drawings.

#### ■ CORAL WAY BUS WASH FACILITY DESIGN REVIEW, PERMITTING AND CONSTRUCTION MANAGEMENT

Cherokee Enterprises, Florida

**Principal Engineer:** Provided design review, permitting, and construction management services for construction of a one-story bus wash facility with two automatic bus wash lanes.

#### ■ PROPERTY CONDITION SURVEYS

Confidential Client, Nationwide and  
Caribbean

**Senior Engineer:** Provided facilities engineering services, fast-track due diligence

property condition assessments, and Phase I ESAs for 137 properties throughout the Country and the Caribbean. Responsible for performing mechanical, electrical, and plumbing condition evaluations of base building systems and providing useful life determinations and opinions of probable replacement cost for systems with useful life of less than 10 years.

#### ■ BUILDING CONDITION ASSESSMENT

Florida Power & Light, Florida

**Senior Engineer:** Provided facilities engineering services for indoor air quality, HVAC evaluation, and building envelope issues at a Florida Power & Light call-center facility. Additional work was authorized via addendums for the design of modifications to HVAC system and building envelope to solve indoor humidity issues.

#### ■ CINGULAR WIRELESS DESIGN BUILD

Lucent Technologies, Washington D.C.

**Senior Engineer:** Provided engineering support for the design/build system upgrade of 400+ Cingular sites in the greater Baltimore Washington metropolitan area. Developed scope of work for each site along with construction managers and coordinated approval of same with client.

#### ■ LIVE BURN FIELD FIRE TRAINING AREA DESIGN

Miami-Dade College, Florida

**Principal Engineer:** Provided design and project administration services for development of new outdoor fire training area ("burn field") with four different training props. Responsible as principal designer and engineer of record for the LP gas infrastructure that feeds fire props used to train students in fire fighting techniques.



### Education

- B.S. Mechanical Engineering, Rensselaer Polytechnic Institute, 1989

### Registrations & Certifications

- Professional Engineer, Florida No. 55980, Georgia No. PE033771, Arizona No. 51288

### Experience

- AMEC: 1990
- Industry: 1990

### Software Proficiency

- Risa 3D
- Risa Section
- Trane Trace 700
- Tnx Tower
- AutoCAD 2010
- Autodesk Revit

## Roger L. Jeffery, PE, LEED AP, SI

### Structural Engineering Services

Mr. Roger Jeffery has extensive experience in project design for a full range of publicly and privately funded projects including commercial, institutional, high-rise residential, and governmental work. Project designs include structural steel, composite steel, reinforced concrete, post-tensioned concrete, pre-cast concrete, wood, and specialty components. In addition to design, he has experience with inspections, condition reports, and professional opinions for lending institutions, condominium associations, management companies, real estate firms, attorneys, and insurance companies.

Mr. Jeffery is the past Chair of the Florida Engineering Management Corporation. He also served for three years on the Governor's Building Codes Study Commission representing the engineering profession and was responsible for evaluating the effectiveness of the Florida Building Codes system. During this period he recommended consolidation of the different codes into one document, reduction in local amendments to the code, and establishment of a local amendment registry to make information more easily available. His recommendations were implemented.

### Key Projects

#### ■ ROBY GEORGE PARK

Homestead, Florida

**Structural Engineer:** Designed entrance building, restroom buildings, picnic shelters, baseball field dugouts and signage for the park.

#### ■ PARKING GARAGE AND PEDESTRIAN BRIDGE

Yankee Trader Hotel, Florida

**Project Engineer.** Responsible for structural design and drawings, contract administration, and threshold inspection services for a four-level, 300-car parking garage, a 200-room addition in a 12-story hotel, and a 200-foot pedestrian bridge over A1A. The garage and hotel are constructed of cast-in-place reinforced concrete and the bridge is structural steel supported on pre-stressed concrete piling.

#### ■ COLLIER COUNTY PARK FACILITIES

Naples, Florida

**Structural Engineer:** Designed various park structures in parks located in East and North Naples.

#### ■ OCEAN CENTER CONVENTION CENTER

Daytona Beach, Florida

**Project Engineer:** Expansion of a 10,000-seat, multi-use convention center facility. The facility is a single-level, contiguous space providing approximately 100,000 square feet of exhibition space, 40,000 square feet of meeting space, a 30,000-square-foot ballroom, and approximately 54,000 square feet of pre-function space. Facility is constructed of a

combination of concrete, pre-cast wall panels, structural steel, and deep long span steel trusses.

#### ■ BOWDITCH POINT REGIONAL PARK

Fort Myers Beach, Florida

**Structural Engineer:** Designed entrance shade structure, restroom building, picnic shelters, retaining walls, walk paths. Design included hurricane resistant and flood resistant design.

#### ■ HIGHLANDS COUNTY COURTHOUSE AND JAIL

Sebring, Florida

**Project Engineer:** Designed an addition of a four-level, 35,000-square-foot courthouse to the front of the existing courthouse structure. Project included renovations to an existing two-story historic courtroom building/connector between buildings that were constructed of structural steel combined with cast-in-place concrete.

#### ■ FISHING PIER

Fort Myers Beach, Florida

**Project Engineer.** Responsible for inspection and design of repairs and restoration of piling, deck, railings, and bait house.

#### ■ OUC DOWNTOWN OFFICE BUILDING

Orlando, Florida

**Project Engineer:** New corporate headquarters office building including a 400-car, four-story parking garage with 115,000-square-foot, four-story office building constructed of reinforced and post-tension concrete beams and slabs.



### Education

- B.S. Civil Engineering, University of Miami, 1976

### Registrations & Certifications

- Professional Engineer, Florida No. 21660, Alabama No. 28059
- LEED Accredited Professional
- Certified Special Inspector Threshold Buildings, Florida No. 0121
- Safety Assessment Program Evaluator, No. 65710
- Board Certified Building Inspection Engineer, No. 107

### Experience

- AMEC: 2010
- Industry: 1974

## Ignacio Serralta, PE

Civil Engineering Services

Mr. Ignacio Serralta has more than 23 years of experience in civil engineering planning, design, and management for a wide range of public works, site development and infrastructure projects. He has been responsible for the design of roadway improvements, storm drainage systems, water, and sanitary sewers transmission pipelines, as well as reservoirs and pump stations. He is familiar with the many facets of public and private project management and has served as project manager/engineer on many projects.

### Key Projects

#### ■ CRANDON GOLF COURSE, PARK AND MARINA

Key Biscayne, Florida

**Project Civil Engineer:** Design and construction phase services of new sewer systems. These projects involved the design of approximately 1,900 linear feet gravity sewer mains and two sewer pump stations. Work also included abandoning the existing septic tanks and drain fields and obtaining permits from FDEP, DERM and the Building Department. Services included weekly construction meetings, reviewing shop drawings, responding to RFIs, providing construction observations, and preparing close-out documents.

#### ■ OWEN ROBERTS INTERNATIONAL AIRPORT LAND SIDE MASTER PLAN IMPROVEMENTS.

Cayman Islands

**Project Manager:** Responsibilities included the design and preparation of construction documents for the construction of land side master plan improvements including design of site master plan, geometry plan, demolition plan, paving, grading and drainage, new main entrance road, new paved long term parking area, two new staff parking areas, rental car parking area, new curbside loading/unloading areas and associated access drives. Sewer systems improvements included the design of a new 30,000 GPD sewage treatment plant, sewer pump station and force main.

#### ■ FIRE RESCUE STATIONS CONSTRUCTION SERVICES

Various Locations, Florida

**Principal-in-Charge:** Design, permitting, and construction phase services for several new fire rescue stations throughout Florida, including West Sunset, North

Doral, Sunny Isles, Homestead, and Model City. These projects included the design of site utilities, parking area, and building sites. This work included the water and sewer service connections, site paving, grading, and drainage, pavement marking and signage plans. Our scope of work also included preparing and submitting water service agreement, DEP applications and construction plans for “dry-run” and “final” review by local regulatory agencies including Miami-Dade County Building Department, MDWASD, Miami-Dade Public Works Department, Miami-Dade Fire Dept., DERM, and State of Florida Health Department.

#### ■ RESTORATION PROJECT

Various Sites, Miami-Dade County, Florida

**Program Manager:** The project was a jointly-funded effort supported by the Federal Government, the State of Florida and Miami-Dade County and was intended to mitigate problems that arose as a result of Hurricane Irene (October 1999) and the “No Name Storm” (October 2000). As master consultant oversaw the construction efforts of nine contractors performing work with an estimated construction value of \$35 million. Additionally, responsible for the coordination of approximately 12 engineering design consultants, eight geotechnical firms, and nine land surveying firms involved in the design of approximately 490 mitigation projects. These projects ranged from drainage improvements to total roadway reconstruction, canal dredging, culvert cleaning, and canal bank restoration. Also responsible for all document control related to these projects, approval of payment for design, survey, geotechnical reports, and construction in accordance with FEMA required guidelines.



### Education

- B.S. Civil Engineering, California State University, Los Angeles

### Registrations & Certifications

- Professional Engineer, Florida, No. 45609, California No. C47828
- Certified Uniform Building Code Inspector

### Professional Affiliations

- Former Board Member, Florida International University Honors College

## Gisela Rey, PE

### Civil Engineering Services

Ms. Gisela Rey has more than 25 years of professional experience in design, planning, and management of structural engineering projects for buildings, civil structures, and port facilities, including docks, fender systems, harbor crane supports, wharf extensions, and mega cruise ship terminals.

### Key Projects

#### ■ BERTH 24 EXTENSION

Port Everglades, Florida

**Structural Engineer:** Design and construction document preparation of 500 feet length of HZ combined wall system to extend the effective length of an existing pier in order to accommodate a new cruise ship. The project included the addition of four 150 ton bollards and fender systems.

#### ■ BERTH 28 AND 29

Port Everglades, Florida

**Structural Engineer:** Structural analysis for HMK-260E mobile container crane operation to determine the feasibility of operating mobile harbor cranes HMK-260E at Berths 28 and 29.

#### ■ MASTER PLAN CARGO TERMINAL

Rio, Paraguay

**Structural Engineer:** Part of the team responsible for the design of a master plan for the Cargo Terminal at Rio Paraguay.

#### ■ DISNEY CRUISE LINE RESORT ISLAND

Bahamas

**Structural Engineer:** Part of the team responsible for the structural calculations, construction document preparation, and shop drawing review for this project which included a marginal wharf, the creation of an artificial berth island, a protective breakwater, a steel bridge, and several fixed timber docks and platforms for recreational activities.

#### ■ PORT OF ENSENADA MASTER PLAN

Baja California, Mexico

**Structural Engineer:** Part of the team for developing the master plan of a cruise ship terminal with three mega cruise ships, and a recreational marina for 200 boats and roadway layout for interconnectivity between the different berths and marinas. Responsibilities included dredging evaluation, structural calculations for support piers, scour analysis

of pier foundations, and construction document preparation.

#### ■ COMMERCIAL CENTER

Cartagena, Colombia

**Structural Engineer:** Design of a commercial center at the Port of Cartagena including eight concrete buildings for retails, restaurants and business center and a pier for recreational boats. Responsibilities included the structural design and construction document preparation of all buildings and marine facilities.

#### ■ SAN JUAN TERMINAL 4

Port San Juan, Puerto Rico

**Structural Engineer:** Structural calculation, design, construction document preparation, shop drawing review, coordination with the manufacturers of steel members and site inspection for the widening of the passenger cruise terminal. This project included the use of steel structures for seismic conditions.

#### ■ MARINA COSTA BAJA

La Paz, California

**Structural Engineer:** Design of a recreational marina for 315 boats from 30 feet to 90 feet of length. Responsibilities included structural calculations, piers and dock design, dredging and scour analysis, and construction document preparation as well as cost estimating.

#### ■ ROYAL NAVAL DOCKYARD

Bermuda

**Structural Engineer:** The project consists of a new pier of 386 x 112 feet including a two-story building, a ground transportation Area of 60,500 square feet for new parking and service areas including more than 550 feet of HZ combined seawall, and a two lines bridge of 300 feet length to connect the pier with the ground transportation area. The project includes the addition of four 175 ton mooring dolphins and two breasting dolphins. Responsible for structural calculations, design, and construction document preparation.



### Education

- M.S. Structural Engineering, Kiev Institute of Civil Engineering, 1981
- B.S. Structural Engineering, Kiev Institute of Civil Engineering, 1981
- Structural Engineering Advanced Graduate-level Studies, Kiev Institute of Civil Engineering, 1985

### Registrations & Certifications

- Professional Engineer, Florida No.66366

## Brian S. Hathaway, PE

### Geotechnical Engineering Services

Mr. Brian Hathaway is a licensed professional engineer with more than 14 years of professional experience with primary emphasis in geotechnical and civil engineering, subsurface exploration techniques, site characterization, CEI, QA/QC, CMT, heavy civil construction, and construction management disciplines. These projects have ranged from residential structures, commercial developments to state roadways, highways and bridges, multi-story building structures, educational facilities, hospitality structures, tower structures, parking garages, marine and port facilities, power and process facilities, heavy civil construction, utilities and stormwater drainage, earthen impoundment structures, filter marshes, park facilities, and solid waste landfills. Mr. Hathaway also has valuable project experience with the operations of various in-situ testing methods and data interpretation including field instrumentation for geophysical testing methods, dilatometer, CPT, pressuremeter, seismograph monitoring, and inclinometers. Mr. Hathaway has managed and setup materials testing laboratories and quality systems. He has a comprehensive understanding of soil mechanics and laboratory experience with the performance of triaxial testing, consolidation, direct shear, CSR, and permeability testing configurations. Mr. Hathaway has provided project oversight for the design, installation, and inspection of drilled caissons, augercast piles, vibro-replacement stone columns, rammed aggregate piers (RAP), ductile iron pipe piles (DIP), driven steel pipe, and reinforced concrete piles. Mr. Hathaway has obtained certification through PDCA's Dynamic Measurement and Analysis Proficiency Test as a qualified Pile Driving Analyzer (PDA) operator.

### Key Projects

#### ■ DOWNTOWN PARKING GARAGE STRUCTURE AND SHELL

City of Fort Pierce, Florida

##### Project Manager/Geotechnical Engineer:

Performed geotechnical explorations and geotechnical engineering services including lab testing and QC inspection services during construction for the City Hall's new downtown parking garage and shell building, in Fort Pierce, Florida. AMEC was responsible for performing seven SPT borings to depths of 100 feet below the ground surface at various locations within the planned building construction foot-print. AMEC provided geotechnical engineering analysis and performed lab testing during the evaluation of subsurface characteristics. AMEC performed foundation design analysis including the evaluation of deep foundation capacity analysis and anticipated foundation settlements including site preparation and foundation installation criteria. AMEC observed and installation of the test shaft and observed the dynamic load test. In addition,

#### ■ PROFESSIONAL GEOTECHNICAL ENGINEERING DESIGN SERVICES AND MATERIALS TESTING CONTRACT

City of West Palm Beach, Florida

**Senior Geotechnical Engineer:** AMEC was selected by the City of West Palm

Beach as a professional consultant to provide geotechnical, construction materials and laboratory testing services. The projects performed under this contract are performed on a task work order basis. AMEC's primary role is to act as an extension to the City's available staff and resources. Under this task order contract, AMEC provides engineering and construction support services for the City's work programs. The projects consist of site development for building structures and facility upgrades, roadways, sidewalks and streetscape improvements, bridge structures, drainage systems, utilities, and airport facilities.

#### ■ GEOTECHNICAL ENGINEERING AND LABORATORY SERVICES CONTRACT

City of Fort Lauderdale, Florida

##### Contract Manger/Senior Geotechnical Engineer:

AMEC was selected by the City of Ft. Lauderdale as a professional consultant to provide geotechnical, construction materials and laboratory testing services. Under this task order contract, AMEC provides engineering and construction support services for the City's work programs. The projects consist of site development for building structures and facility upgrades, roadways, sidewalks and streetscape improvements, bridge structures, drainage systems, utilities, and airport facilities.



### Education

- M.E. Civil Engineering, University of Florida, 2000
- B.S. Civil Engineering, Florida State University, 1998

### Registrations & Certifications

- Professional Engineer, Florida No.60724
- PDCA – Dynamic Measurement & Analysis Proficiency Test
- 8-Hour First Aid/CPR
- OSHA 24-Hour HAZWOPER
- Project Manager Boot Camp, IACET

### Experience

- AMEC: 2000
- Industry: 1998

### Professional Affiliations

- Florida Engineering Society
- National Society of Professional Engineers
- Deep Foundation Institute
- Pile Driving Contractors Association

## Angela L. Alba, PE

### Geotechnical Engineering Services

Ms. Angela Alba has provided geotechnical engineering services on numerous geotechnical explorations for 15 years. Ms. Alba has provided engineering services for geotechnical projects in South Florida, Massachusetts, New Hampshire, Vermont, Oregon, and Puerto Rico. Her current responsibilities include planning, analysis, execution, and review of geotechnical projects to determine soil and rock properties for use in design of foundations for civil engineering projects from commercial high-rise buildings, to roadway and railways, complex roadway bridges, and tunnels. Her experience includes analysis and evaluation of data, recommendations for foundation types and site preparations, analysis of deep and shallow foundation systems, and field inspection of foundation construction including shallow foundations, driven piles, drilled shafts, and pressure injected footings. Her experience also includes finite element analysis, slope stability evaluations, evaluation of geosynthetics applications in geotechnical engineering, and geotechnical ground improvement techniques. Ms. Alba has managed geotechnical exploration programs for multi-laned highways, city streets, railroads, bridges, and parking areas. In South Florida, she performed geotechnical engineering services for the FDOT, Florida's Turnpike, and Miami-Dade Expressway Authority, among others. Ms. Alba provided project management for geotechnical exploration programs for the largest highway transportation project in Florida, which consists of approximately 10.5 miles of corridor improvement including bulkhead walls and 65 bridge structures for the I-595 project. Ms. Alba successfully managed these geotechnical explorations which had a combined geotechnical budget of over \$8.7 million. Significant cost savings for project foundations were made by providing shallow foundation design alternatives to planned deep foundations for pedestrian bridges and replacement of bulkhead walls.

### Key Projects

#### ■ DEAUVILLE PARKING GARAGE

Miami Beach, Florida

**Senior Geotechnical Engineer:** Responsible for performing engineering analysis and preparing geotechnical report for the six-story parking garage with a footprint of 146 feet by 24 feet. Engineering analysis included axial and lateral capacity of augercast piles and settlement calculations. Responsible for coordinating drilling activities, laboratory testing, and invoicing.

#### ■ JEWFISH CREEK BRIDGE DESIGN-BUILD GEOTECHNICAL SERVICES

Florida Department of Transportation, Florida

**Senior Geotechnical Engineer:** Geotechnical consultant for replacement of Jewfish Creek Bridge, 1.5-mile-long bridge over Intracoastal Waterway, along with widening of five miles of approach road. Responsible for oversight and technical direction of up to three staff engineers. Responsible for achieving successful comment resolution with state geotechnical engineer, District geotechnical engineer, and FDOT consultant. Responsible for performing engineering analysis and preparing geotechnical reports. Other services included drilled shaft installation inspection and QC laboratory testing. Engineering analysis

included foundation evaluation for drilled shafts and driven piles, slope stability analysis for soil mixing evaluation, and MSE walls. Foundation evaluation included axial capacity analysis and soil/rock parameter recommendations for lateral capacity of approximately 128, 48-inch diameter non-redundant drilled shafts.

#### ■ INTERMODAL CENTER PEOPLE MOVER GEOTECHNICAL EXPLORATION

Miami-Dade County Aviation Department, Florida

**Project Manager/Senior Geotechnical Engineer:** Responsible for performing engineering analysis and preparing geotechnical reports for a multi-faceted transportation project that included two buildings, a rental car facility, a people mover, the MIC core building and all associated new at-grade roadways, elevated highways, bridges, and retaining walls. Provided post-design services during the installation and testing of the project deep foundations (drilled shafts and augercast piles). Evaluated the results of the pilot hole borings drilled for each pier during construction in conjunction with the Statnamic load test results and established the required production shaft lengths.



### Education

- M.S. Civil Engineering & Geotechnical Engineering, Massachusetts Institute of Technology, 1998
- B.S. Civil Engineering, University of Puerto Rico, 1995

### Registrations & Certifications

- Professional Engineer, Florida No. 58538

### Experience

- AMEC: 2002
- Industry: 1997

### Professional Affiliations

- Florida Stormwater Association

## Eddie Abonce, PE

### Construction Management Services

Mr. Eddie Abonce has extensive experience with the FDOT and related projects. His ability to coordinate large FDOT projects is an asset to the team when coordinating between agencies and application of the specification during plan reviews as well as the construction process. Mr. Abonce has more than 19 years of construction engineering inspection experience. He was employed by FDOT District 4 for seven years.

### Key Projects

#### ■ LAP SIDEWALKS

City of Key West, Florida

**Project Manager:** CEI services including project administration, daily inspection, field engineering and materials testing for four different locations throughout Key West. Supervises inspectors and office support staff and administers client construction contacts. Responsible for financial and contract administration duties.

#### ■ CONSTRUCTION ENGINEERING AND INSPECTION

City of Key West, Florida

**Project Coordinator:** Construction Materials Testing and Construction Engineering and Inspection for 1-mile area of roadway improvements. Supervises inspectors and office support staff and administers client construction contacts. Responsible for financial and contract administration duties.

#### ■ FLORIDA KEYS OVERSEAS HERITAGE TRAIL

Florida Department of Environmental Protection, Florida

**Senior Project Engineer/Project Administrator:** Assigned to several projects involving the Florida Keys Overseas Heritage Trail that spans 106 miles from Key Largo to Key West in Monroe County, Florida. The Overseas Heritage Trail in the Florida Keys consists of multi-use trails and paths.

#### ■ SOUTHCOM

U.S. Army Corps of Engineers, Miami, Florida

**Quality Assurance/Quality Control:** Construction administration and quality assurance of a new military base on 55 acres and more than three buildings totaling more than 630,000 square feet. Responsibilities included daily QAS inspection, surveillance of construction contractor's quality control program/construction work to verify that

materials/workmanship for completed and ongoing projects conforms to contract requirements; evaluating construction contractor's quality control activities (level of inspection, testing procedures/results, etc.); checking compliance with health and safety requirements as established by OSHA, the US Environmental Protection, and US Army Corps of Engineers Safety and Health Requirement Manual; conducting routine labor standards interviews; and evaluating construction contractor's schedule.

#### ■ GEIGER CREEK BRIDGE CONSTRUCTION ENGINEERING AND INSPECTION

Monroe County, Florida

**Project Manager:** Construction Engineering and Inspection services for the Geiger Creek Bridge Design-Build project. Supervises inspectors and office support staff and administers client construction contacts.

#### ■ TOM'S HARBOR CHANNEL BRIDGE CEI

Monroe County, Florida

**Project Manager:** Supervises inspectors and office support staff and administers client construction contacts. Responsible for financial and contract administration duties. Scope of project includes CEI services for the Tom's Harbor Channel Bridge Repair Project, which includes replacement of the bridge deck and guardrails, reinforced concrete beams, diaphragms, concrete columns, pile jackets, caps, and abutments.

#### ■ NORTH DADE MIDDLE SCHOOL

Miami-Dade County Public Schools, Miami, Florida

**Quality Assurance/Quality Control:** Geotechnical and construction material testing services for North Dade Middle School in Miami-Dade County, Florida. Responsible for reviewing and approving lab tests results.



### Education

- B. S. Civil Engineering, Universidad del Valle, 1992

### Registrations & Certifications

- Professional Engineer, Florida No. 68242
- CTQP QC Manager
- CTQP Final Estimates Level 1 & 2
- CTQP Asphalt Paving Technician Levels 1 & 2
- CTQP Concrete Field Technician Levels 1 & 2
- American Concrete Institute Concrete Field Testing Technician

### Experience

- AMEC: 2009
- Industry: 1992

## Peter J. Medico, PE

### Construction Management Services

Mr. Peter Medico has more than 30 years of broad range experience resulting from project design, including site, roadway, stormwater management, drainage, and permitting, as well as construction management experience, including contract negotiations, project management, field and technical review and assistance, and claims analysis and resolution. His involvement encompasses public and private sector projects from major interstate and urban roadway design and construction to industrial, commercial, and residential projects with an emphasis on service and quality control. His recent assignments as the senior project engineer on various FDOT Districts 1, 3, 4, 6 and 7 projects have provided him with hands-on quality CEI experience. Mr. Medico personally prepared and submitted five FDOT final estimates and supervised the preparation of 18 final estimates.

### Key Projects

#### ■ NORTH ROOSEVELT RECONSTRUCTION

Florida Department of Transportation  
District 6, Key West, Florida

**Senior Project Engineer:** The project involves total roadway reconstruction to include seawall bulkheads, water and sewer utilities, drainage, subgrade, asphalt base and pavement, signalization, signing and pavement markings. Responsibilities include interpretation and of plans and specifications and quality assurance of all construction activities through the management of inspection and materials sampling and testing staff; review of construction schedule, maintenance of traffic and environmental permit compliance reviews, negotiation and processing of supplemental agreements, and preparation and submittal of final estimate.

#### ■ LOCAL AGENCY PROGRAM

Florida Department of Transportation  
District 6, Districtwide, South Florida

**LAP Project Manager:** Responsible for staff support in the management of more than 250 LAP projects as part of the American Recovery and Reinvestment Act (ARRA) Supplemental Services and LAP Support Additional Services. Specific work involved administration and tracking several LAP projects through all phases of development, including planning, design, construction, and CEI. Responsibilities included assisting the District LAP Administrator with LAP agency certification; LAP agreement processing; general project management; LAP invoicing and federal funding reimbursement; and coordinating audits from the state LAP administrator and

Federal Highway Administration. Duties also included the drafting of FDOT District 6 LAP process maps and LAP Manual.

#### ■ I-95/SR 9 HOV WIDENING AND RECONSTRUCTION

Florida Department of Transportation  
District 4, Palm Beach County, Florida

**Senior Project Engineer:** The work included reconstruction of I-95 from Atlantic Avenue (south of the L-30 Canal) to north of Gateway Boulevard. Services included paving, widening, milling, new ramp construction, drainage improvements, and erection of noise barrier walls.

#### ■ RESURFACING AND WIDENING OF SR 95 FROM I-10 TO CANTONMENT

Florida Department of Transportation  
District 3, Pensacola, Florida

**Senior Project Engineer:** The project included the milling and resurfacing of an 8-mile, four-lane rural road, including the addition of paved shoulders; addition/extension of turn lanes; reworking of shoulders; safety and drainage improvements; installation of weigh-in-motion site; and signing and pavement markings.

#### ■ ELEVEN-MILE CREEK BRIDGE REPLACEMENT

Florida Department of Transportation  
District 3, Escambia County, Florida

**Senior Project Engineer:** Project included the replacement of a 94-meter long, low-level bridge, including the construction of a temporary detour (ACROW) bridge, 600-millimeter concrete piling, pile caps, and prestressed beams.



### Education

- B.S. Civil Engineering, Civil/Sanitary, University of South Florida, 1988

### Registrations & Certifications

- Professional Engineer, Florida No. 42654
- TIN: M320670590890
- CTQP Final Estimates Level 1 and 2
- OSHA 1926.650 Trenching and Excavation Competent Person
- FDEP Stormwater, Erosion, and Sediment Control Inspector
- Advanced Maintenance of Traffic Qualification

### Experience

- AMEC: 2013
- Industry: 1982

## Guillermo A. Maya

### Construction Materials Testing Services

Mr. Guillermo Maya is responsible for the coordination of CMT projects in the South Florida area. He is responsible for the preparation of cost proposals and estimates along with invoicing and client relations. Mr. Maya is experienced in performing CMT work in the areas of soils and concrete. Mr. Maya is also experienced in performing asbestos abatement project supervision, phase contrast microscopy (PCM) analysis, and asbestos surveys. He has performed project management and supervision of more than 1,000 asbestos surveys and abatement projects. Mr. Maya has performed hundreds of soil density analysis using the Troxler nuclear soil gauge. He is also experienced in testing concrete cylinders for compression strength and performing other laboratory testing procedures. He is certified under NIOSH 582 to perform and analyze air samples for potential fiber release during abatement projects. He is also certified in asbestos building inspector (surveys) and supervisor in abatement projects. He is currently certified to operate a Princeton Gamma-tech, XRF X-ray lead-in-paint analyzer.

### Key Projects

#### ■ PALAZZO DEL SOL/LUNA MULTIPLE SITES ON FISHER ISLAND

Fisher Island Holdings, Florida

##### Engineering and Laboratory Technician:

Responsible for performing construction material testing, and kept record of all testing completed. Project consisted of an eleven-story condominium with a basement parking garage. Also performed concrete, soils testing, floor flatness testing and x-ray diffraction, along with structural threshold inspections. Additionally performed test dredge soils for contamination as part of our pre-construction services. Other services provided included specialty engineering such as CMU wall testing, balcony rail testing, and floor flatness assessments.

#### ■ CONSTRUCTION MATERIAL TESTING INSPECTION

Ave Maria University, Florida

##### Senior Engineering Technician:

Responsible for performing all CMT inspection, sampling, and testing on-site. Performed soil density tests and provided oversight of all aspects of project at site. Performed a concrete inspection for temperature slump and caste test cylinders.

#### ■ ASBESTOS AND LEAD/CADMIUM BASED PAINT SERVICES

Various Sites, South Florida

**Laboratory Manager:** Responsible for managing multiple-facility asbestos and lead testing effort consisting of scheduling personnel to various job sites throughout the theme park to conform with the client's need for NESHAP-level surveys; coordinated field

activities and dealt directly with numerous client personnel requesting studies; was responsible for scope, budget, deliverables and collection of all fees. Authorized survey, sampling and evaluation for asbestos-containing materials and lead-based paint or cadmium-based paint screening at various sites on the client's property.

#### ■ BUS MAINTENANCE FACILITY REROOFING DESIGN AND INSPECTION

Broward County Construction Management Division, Florida

**Senior Technician:** Project included reroofing, mechanical, electrical, and plumbing (MEP) design, construction inspection, and contract administration for a county transit bus maintenance facility. Services include reporting, planning, schematic design, construction documents, post-construction services, and reporting. Facility roof was estimated to be more than 20 years old and covered more than 100,000 square feet on 10 decks. Responsible for roof testing and inspection services.

#### ■ SOUTH TERMINAL EXPANSION PROJECT

Miami-Dade County Aviation Department, Florida

**Technician:** Performed detailed inspections of earthwork, underground piping, foundation, masonry, concrete and asphalt pavement, and precast/prestressed and cast-in-place concrete structures. Prepared daily inspection site and plant reports.



### Registrations & Certifications

- FDOT CTQP Concrete Lab Technician Level I
- ACI Concrete Strength Technician
- ACI Concrete Field Testing Technician
- ACI Aggregate Base Testing Technician
- ACI Aggregate Field Testing Technician
- ACI Aggregate Laboratory Testing Technician
- FDOT Maintenance of Traffic
- Floor Flatness
- Fireproofing
- Termicide/Pesticide
- FEMA IS-00800.b (National Response Framework)
- NIOSH 582 – Airborne Asbestos Sampling & Evaluation
- Supervision of Asbestos Abatement Projects
- Advanced Supervision of Asbestos Abatement Projects
- Facility Survey & Building Systems AHERA
- XRF X-Ray Lead-in-Paint Analyzer
- Radiation Safety & Use of Nuclear Soil Gauges

### Experience

- AMEC: 2000
- Industry: 1988

## Ricardo Fraxedas, PE

Environmental Services

Mr. Ricardo Fraxedas is a Chief Engineer with 33 years of environmental engineering experience. He has an extensive background in environmental regulatory affairs and resolution of environmental issues for commercial and government clients. He has been responsible for assessments, remediation, and litigation support for a variety of industries and sites, including airports, fuel terminals, manufacturing facilities, educational facilities, and waste disposal sites in the U.S., Caribbean, and Latin America. He has authored articles and presented numerous lectures on environmental consulting, site assessments, design of remediation systems, and environmental regulatory compliance and sustainability. He has also served as an expert witness on various environmental compliance, remediation, and permitting matters and has provided review and interpretation of Latin American environmental regulations for multinational clients.

Prior to joining AMEC, Mr. Fraxedas served as the head of the hazardous materials section for Miami-Dade County, Florida. In this role, he authored the county's underground storage tank regulations and industrial waste pretreatment regulations. He was responsible for the investigations and remediations of contaminated sites, including one of the first Superfund cleanups to be completed.

### Key Projects

#### ■ EVERGLADES PHASE I ENVIRONMENTAL SITE ASSESSMENTS

National Park Service, Florida

**Principal Engineer:** Provided environmental planning services and documentation, environmental compliance services, environmental/occupational training services, waste management services, GIS and remediation services review, and input of Phase I reports for land acquisition.

#### ■ COMMERCIAL SITE GROUNDWATER REMEDIATION DESIGN AND DEVELOPMENT

DME Corporation, Florida

**Project Manager:** Performed site remediation, involving removal and destruction of dissolved chlorinated hydrocarbons for a three-acre site. Services included quarterly and annual groundwater sampling and reporting; negotiations with local regulators and managing client risk; and system optimization.

#### ■ STORMWATER SERVICES AT FORT LAUDERDALE INTERNATIONAL AND NORTH PERRY AIRPORTS

Broward County Aviation Department, Florida

**Project Manager:** Provided stormwater management program development and compliance services for Fort Lauderdale International and North Perry airports. Services included sampling, permitting, and facility inspections. As part of the stormwater program development, services included

the development of a training program and materials for the training of the operations staff at the airports as well as the development of training materials for the education of the tenants at the airports.

#### ■ PIKE ROAD FORMER LANDFILL SITE METHANE MONITORING

Prologis, Inc., Florida

**Principal Engineer:** Methane monitoring including installation and operation of 10 probes, ambient air monitoring, and reporting of field activities for two land tracts at a 100-unit industrial storage facility located at former landfill site which was closed in 1976.

#### ■ STATE SCHOOL T-1 ENVIRONMENTAL PERMITTING

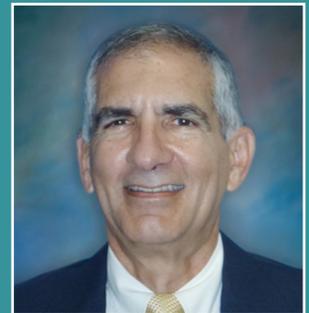
Miami-Dade County Public Schools, Florida

**Principal Engineer:** Provided environmental permitting for a new school facility constructed in an environmentally sensitive area.

#### ■ PIPELINE REMOVAL

Department of Environmental Resources Management/Miami International Airport, Florida

**Project Manager:** Directed removal of jet fuel pipeline connected to airport hydrant system. During pipeline removal, 40,000 gallons of jet fuel were discovered and recovered. Also provided ongoing environmental consulting services related to future requirements for hydrant testing.



### Education

- M.S. Environmental Engineering, University of Florida, 1977
- B.S. Microbiology, University of Florida, 1975

### Registrations & Certifications

- Professional Engineer, Florida No. 43287
- Qualified Stormwater Management Inspector, Florida No. 25665

### Experience

- AMEC: 2003
- Industry: 1979

## Wendy C. Blondin, PG

### Permitting Services

Ms. Wendy Blondin is a Principal Geologist with 27 years of experience in environmental consulting with expertise in contamination assessments and remediation, drinking water quality evaluations, and all types of environment permitting. Ms. Blondin has experience in both management and technical areas. As a senior project manager, she is responsible for work scope development and costing, implementation of work scopes, budget tracking, customer communication, and regulatory negotiations. As a professional geologist she has experience in surface water and groundwater hydrology, water quality sampling and characterization, and wetland and stormwater management system permitting. She has expertise in identifying potential source areas and areas of environmental concern; designing sampling plans; delineating contaminant plumes; determining pathways of migration; and designing and installing surface water, groundwater, and soil remediation systems. Ms. Blondin has extensive experience in evaluating risks relating to environmental impacts and in cost/benefit analysis of options.

### Key Projects

#### ■ PROJECT DEVELOPMENT AND ENVIRONMENT REPORTS FOR SR 836 WIDENING

Miami-Dade Expressway Authority,  
Florida

Project Manager/Project Geologist: Managed a team of scientists who prepared the wetland evaluation report, endangered species biological assessment, and sociocultural effects evaluation for the PD&E study along a 4.89 mile corridor of SR 836/Dolphin Expressway in Miami Dade County. Completed a contamination screening evaluation which included over 200 contaminated sites that required ranking and evaluation. Completed the final report with recommendations limited Level 2 Contamination Assessments. Attended meetings with the MDX team and assisted with the State environmental impact report preparation.

#### ■ DESIGN AND PERMIT OF A CANAL WATER QUALITY IMPROVEMENT IN GEIGER KEY

Monroe County, Florida

Project Manager/Project Geologist: This scope consists of preparation of the design and permit package for installation of a culvert at the third ranked Monroe County demonstration project ranking list for a culvert connection between canal No. 470 and No. 472 in Geiger Key, Florida. AMEC is obtaining all required for permits including South Florida Water Management District Environmental Resource Permit, USACE Dredge and Fill Permit and Florida National Marine Sanctuary Permit. AMEC completed all required environmental surveys

including determination of the boundaries of jurisdictional waters of the U.S., including mangrove wetlands. Delineation included on-site determination, marking in the field with a handheld GPS unit (sub-meter accuracy), and flagging of the aerial extent of each wetland. In conjunction with the wetland delineation, AMEC scientists conducted a threatened and endangered species survey. An AMEC scientist permitted by the FKNMS conducted an in-water survey of the benthos for the purpose of identifying the presence any sensitive aquatic resources within the immediate area of the proposed project. This is the first of seven other water quality improvement design/permit projects in Monroe County that AMEC has been awarded.

#### ■ STATE SCHOOL TT-1 ON-SITE WETLANDS DESIGN

Miami-Dade County Public Schools,  
Florida

Project Hydrogeologist: Part of the environmental permitting services provided to Miami-Dade County Public Schools. Managed the design and construction of an on-site wetland mitigation area to meet the requirements of a USACE dredge and fill permit. An existing canal and poor functional value wetlands were replaced with an engineered mitigation area. The services included preparing cut and fill drawings, proposed topography detail, technical specifications, planting plans, construction oversight, and long-term monitoring and maintenance. Additionally, designed an educational overlook with signage to be utilized in the school curriculum.



### Education

- M.S. Geology/  
Hydrogeology, University of  
Massachusetts at Amherst,  
1984
- B.S. Soil Science,  
University of Maine at  
Orono, 1979

### Registrations & Certifications

- Professional Geologist,  
Florida No. PG1888
- FDEP Qualified Stormwater  
Management Inspector
- HAZWOPER 40 Hour
- HAZWOPER 8 Hour  
Refresher

### Experience

- AMEC: 2002
- Industry: 1984

### Professional Affiliations

- American Water Resources  
Association
- Florida Association  
of Environmental  
Professionals

## Jeremy Paris, PWS

### Permitting Services

As a Staff Scientist with AMEC, Mr. Jeremy Paris is a valuable resource in a range of environmental services, biological assessments, and wetland delineations. Mr. Paris has a portfolio of wetland biology and environmental sciences for the South Florida and Southwest Florida Water Management Districts, United States Department of Defense, and the National Parks Service. As a wetland biologist, Mr. Paris' responsibilities include technical writing, research, and review of regulatory statutes, vegetative restoration, wetland determinations, species identification, and mangrove protection. Serving as an environmental scientist, Mr. Paris participates in stormwater, groundwater, effluent, and soil sampling.

### Key Projects

#### ■ MONROE COUNTY CANAL MASTER PLAN (PHASE I & II) 2012-2013 – WATER QUALITY MONITORING AND BIOLOGICAL EVALUATION

Monroe County, Florida

**Field Scientist:** Conducted water quality monitoring and limited biological assessments on several hundred canals throughout Monroe County, Florida. During Phase I, utilized data sets developed during his canal visits as well as, existing information to rank a subset of canals for potential restoration.

#### ■ 9R-27L RUNWAY EXPANSION

Broward County Aviation Department, Ft. Lauderdale, Florida

**Field Scientist:** Providing ecological services and permit compliance monitoring for the expansion of the 9R-27L runway at Ft. Lauderdale-Hollywood International Airport (FLL). Ecological services include implementation and review of daily inspection reports for compliance as well as oversight of the Manatee and Indigo Snake Protection education plan and migratory bird nest removal activities. Protected species include the burrowing owl, wood stork, and crested caracara. Developed an environmental permit matrix for the purpose of tracking environmental regulatory requirements for the project.

#### ■ ECOLOGICAL EVALUATIONS AND PERMITTING SERVICES

All Aboard Florida, South Florida

**Field Scientist:** Conducted wetland and benthic surveys in support of the All Aboard Florida High Speed Rail project, as well as completed the associated coastal and aquatic ecosystem permitting requirements for Miami-Dade and Broward Counties in South Florida. Prime author of the permits sections dedicated to the ecological surveys.

#### ■ THREATENED AND ENDANGERED SPECIES SURVEYS

MacDill Air Force Base, Tampa, Florida

**Field Scientist:** Performed protected species surveys for the Florida mouse and bald eagle. The ecological services included migratory bird surveys within beach and coastal ecosystems. Additional services included nesting surveys for bald eagle fledglings, delineation of mangrove forests, and identification of migratory birds.

#### ■ HERBERT HOOVER DIKE REHABILITATION ECOLOGICAL SERVICES

US Army Corps of Engineers, Jacksonville District/Hayward Baker, Inc, St. Lucia Waterway, Florida

**Field Scientist:** Ecological services in conjunction with installation of subsurface barrier system during rehabilitation of Herbert Hoover Dike, surrounding Lake Okeechobee, in South Florida. Ecological services included development and presentation of Environmental Protection Plan and Indigo Snake Protection/ Education Plan and ecological monitoring and initial site surveys for threatened and endangered species, and for migratory bird nests during construction activities.

#### ■ MIAMI-DADE EXPRESSWAY EXPANSION

Miami-Dade County, Florida

**Field Scientist:** Delineated and ecologically assessed through the Uniform Mitigation Assessment Method (UMAM) the ecological benefits of the wetlands located within the transportation corridor. Performed an Endangered Species and Biological Assessment of the numerous habitat features (i.e. canals, lakes, vegetated swales) which exist within the proposed area for development.



### Education

- M.S. Wetland Ecology, University of Florida, 2005
- B.S. Plant Science, University of Tennessee, 2001

### Registrations & Certifications

- Professional Wetland Scientist, No. 2306
- USACE-approved Indigo Snake Monitor
- USACE-approved Bird Monitor

### Experience

- AMEC: 2009
- Industry: 2007

## R. Michael Jones, PLS, CFedS

### Surveying and Mapping Services

Mr. Michael Jones is a Senior Principal Surveyor and Project Manager as well as a registered Professional Land Surveyor with more than three decades of professional experience in surveying and mapping. He is extremely proficient in all aspects of survey management, including project planning, estimating, and implementation. He has specific expertise in the areas of geodetic control surveys, engineering design surveys, subsurface utility surveys, bathymetric surveys, and boundary determinations. He has managed surveying and mapping projects for government agencies at the local, regional, and state levels, including SWFWMD, SFWMD, Tampa Bay Water, and FDEP.

### Key Projects

#### ■ CERP GENERAL SURVEYING SERVICES

South Florida Water Management District, Florida

**Contract Manager:** Served the District since 2002 in providing surveying and mapping support to projects and missions of various departments within the District. Assignments have included geodetic control, topographic, bathymetric, and ROW surveys.

#### ■ DISTRICTWIDE SUBSURFACE UTILITY SURVEY

Florida Department of Transportation District 6, Florida

**Project Manager:** Responsible for successful completion of 67 task assignments involving designation, excavation, surveying, and mapping of subsurface utilities.

#### ■ SURVEYING AND MAPPING SERVICES

Miami-Dade County, Florida

**Project Manager:** Responsible for the successful completion of survey projects to support engineering and design missions. Typical assignments included right-of-way surveys, utility locations, topographic surveys, boundary surveys, bathymetric surveys, and the preparation of legal descriptions and sketches.

#### ■ MIXED-USE DEVELOPMENT SITE SURVEY, CONSTRUCTION MATERIALS TESTING, THRESHOLD INSPECTION, AND PRE-DEMOLITION ASBESTOS SURVEY

55 West, Orlando, Florida

**Principal Surveyor:** AMEC provided preliminary site survey, civil/site design,

construction materials testing, and threshold inspection for construction of 32-story, high-rise, upscale condominium complex in downtown Orlando.

#### ■ HOME OFFICE SECURITY AND PARKING AREA IMPROVEMENTS

CFI/Wesgate, LTD., Orlando, Florida

**Principal Surveyor:** Provided topographic and utility location surveys and civil site engineering services for redevelopment of site parking area at a two-building office complex. Site included high-voltage electrical tower. Tower's easement/ROW rights across parcel were taken into consideration for permitting and design. Services included provision of additional parking and gated entryway to seal parcel within fenced periphery. Engineering included layout, utility, grading, and pavement plans, and site details. Responsible for oversight and coordination of all survey activities, serving as client liaison, and signing and sealing all survey documents.

#### ■ SHINGLE CREEK TRAIL DESIGN AND PLANNING SERVICES

City of Orlando, Florida

**Principal Surveyor:** Provided site planning, design, project management, construction inspection, ROW coordination, and permitting services for development of 4.5-mile-long, 14-foot-wide pedestrian, bike, and skating path alongside Shingle Creek in Orlando. The creek is a starting point for rainwater flowing to Florida Everglades. Project is divided into two phases: 3.25-mile Phase I and 1.25-mile Phase II section. Responsible for managerial oversight and direction for all survey activities and serving as client liaison.



### Education

- A.S. Civil Engineering, Central Florida Community College, 1976
- A.S. Land Surveying, Central Florida Community College, 1976

### Registrations & Certifications

- Professional Land Surveyor, Florida No. LS4201, Georgia No. LS2367, Alabama No. LS16447, Mississippi No. LS3172, Texas No. LS6231, California No. LS8707
- Certified BLM Federal Surveyor, No.1486

### Experience

- AMEC: 1987
- Industry: 1976

### Professional Affiliations

- American Association for Geodetic Surveying
- National Society of Professional Surveyors
- Florida Surveying & Mapping Society
- American Society of Civil Engineers

## Marc E. Wampler, RPA

### Archaeological Services

Mr. Marc Wampler has more than 16 years of experience in archaeology and cultural resource management, including more than 13 years in supervisory positions. His supervisory experience has involved planning and directing archaeological excavation and survey projects, preparing and adhering to project proposals and budgets, artifact analysis, and writing technical reports and professional papers as well as conducting marketing campaigns. Geographic expertise is focused on the Midwest and Southeast U.S. Mr. Wampler has worked with a variety of federal and state agencies including the United States Air Force (USAF), Tennessee Department of Transportation (TDOT); Tennessee Valley Authority (TVA); the United States Army Corps of Engineers (USACE) Nashville and Louisville Districts; and the Kentucky Transportation Cabinet (KYTC); as well as private engineering, architectural, and land development firms during his tenure as an archaeologist with TRC. His thesis research was on zooarchaeology and centered on problems associated with explaining variability in white-tailed deer skeletal element representations exhibited in prehistoric rockshelter middens of the Ozark Highlands.

Mr. Wampler has extensive field, laboratory, and reporting experience relating to numerous archaeological and cultural resource management projects involving compliance with the National Historic Preservation Act (NHPA) and the National Environmental Policy Act (NEPA). Mr. Wampler has worked throughout the Midwest, eastern, and southeastern portions of the U.S., and has participated either as a principal investigator, field director, or field and lab technician on these projects in Arkansas, Florida, Illinois, Kentucky, Louisiana, New York, Missouri, Mississippi, North Carolina, Oklahoma, Tennessee, and Texas. Mr. Wampler has overseen extensive excavations projects within the past four years in the northwest Florida area at Eglin Air Force Base (AFB).

### Key Projects

#### ■ PHASE I ARCHAEOLOGICAL SURVEY INVESTIGATION

Highlands, County Florida

**Principal Investigator:** Oversaw fieldwork, laboratory analysis, and report preparation. The project addressed a 35,000-acre-tract and involved cultural resource investigations in south-central Florida in Highlands County ahead of planned ground disturbance associated with the construction of an ethanol facility and associated farm. The project provided baseline studies for inclusion in a NEPA Environmental Assessment (EA) for the project and provided text for the cultural resources section of this EA. AMEC initially conducted a cultural resources overview of the entire 35,000 acre tract followed by Phase I archaeological survey of approximately 20,000 acres. In consultation with farm designers and the FLSHPO, AMEC's Phase I Survey implemented a selective approach for placement of shovel test probes by analyzing historic aerial photographs to delineate the boundaries of the possible location of "tree islands" within the project area. A total of 38 potential islands of varying size and extent were selected for investigation. As a result of field investigation, prehistoric cultural material was recovered within two areas and will be avoided during farm construction.

#### ■ PHASE II ARCHAEOLOGICAL TESTING AT 16 PREHISTORIC AND HISTORIC SITES

Eglin Air Force Base, Florida

**Assistant Project Manager/Principal Investigator:** Oversaw fieldwork, laboratory analysis, and report preparation. The investigations at the 16 sites included intensive archival research, surface collection, shovel testing, and test unit excavation within the boundaries of each site. The work, which was issued in three separate task orders, was conducted through a Master Services Agreement with Three Rivers RC&D for Eglin AFB as the base considers the effects of military actions on historic properties. The work determined that eight of the sixteen sites investigated were eligible for the NRHP.

#### ■ PHASE I ARCHAEOLOGICAL SURVEY INVESTIGATION

Baker County, Florida

**Principal Investigator:** Oversaw fieldwork, laboratory analysis, and report preparation. An archaeological survey was conducted for a 575-acre project area slated for the proposed Jahna Macclenny Sand Mine Project in a Baker County sand mine. Work consisted of background research, surface reconnaissance, and shovel testing of the project area.



### Education

- M.A. Anthropology/ Archaeology, University of Arkansas, 2000
- B.A. Physics, Drury University, 1992

### Registrations & Certifications

- Register of Professional Archaeologists

### Experience

- AMEC: 2007
- Industry: 1998

### Professional Affiliations

- Society for American Archaeology
- Southeastern Archaeological Conference
- Kentucky Organization of Professional Archaeologists

## David E. Breetzke, MA, RPA

### Archaeological Services

Mr. David Breetzke has more than 18 years of experience in archaeology and cultural resource management, including more than 14 years in supervisory positions. Mr. Breetzke has worked with a variety of federal and state agencies including numerous state departments of transportation, Federal Bureau of Prisons (FBOP), and USACE. In addition, Mr. Breetzke has worked with a variety of energy clients as well as private engineering, architectural, and land development firms during his professional career as an archaeologist.

Mr. Breetzke has performed archaeological surveys, investigations, and mitigations throughout the southeast, northeast, and midwest for a variety of clients. Archaeological evaluations have been conducted on properties ranging from a few acres to large corridor surveys involving hundreds of acres. Mr. Breetzke's archaeological activities have included reporting, consultation between state, federal, and Native American groups, preparing Resource Reports for FERC filings, developed Unanticipated Discovery Plans for a variety of Federal agencies and maintains excellent client communications. Mr. Breetzke has extensive field and laboratory experience relating to numerous archaeological and cultural resource management projects. He has participated either as a principal investigator or field director on projects in Florida, Kentucky, Ohio, Michigan, Indiana, Illinois, Mississippi, New York, Vermont, New Jersey, Delaware, Pennsylvania, Tennessee, Wisconsin, Iowa, Minnesota, Virginia, and West Virginia.

Mr. Breetzke worked for three years in northwest Florida during his Masters program at the University of West Florida. Projects completed during this time included Phase I surveys and Phase II excavations on Pensacola Naval Air Station in Escambia County. Phase II excavations at Bernath Place in Santa Rosa County and recordation of several historic mill sites in Santa Rosa County.

### Key Projects

#### ■ PALM VIEW ELEMENTARY SCHOOL PHASE I CULTURAL RESOURCE STUDY

Fleischman Garcia Architecture, Manatee County, Florida

**Principal Investigator/Senior Author:** Survey conducted at the Palm View Elementary School Project, Palm View, Manatee County, Florida, for Fleischman Garcia Architecture. Potential unmarked grave shafts recorded by a geophysical survey were subsequently investigated with heavy equipment for the presence of human burials. None were encountered.

#### ■ I-295 (SR-9A) NORTHWEST QUADRANT WETLAND DETENTION POND PHASE IA ARCHAEOLOGICAL RECONNAISSANCE

Florida Department of Transportation, Duval County, Florida

**Principal Investigator/Senior Author:** Survey conducted for FDOT for the proposed I-295 (SR-9A), Northwest Quadrant. Wetland detention pond project involved excavating shovel test probes and surface reconnaissance. Results of the reconnaissance eliminated large sections of the project area for a Phase IB archaeological survey.

#### ■ HISTORIC CEMETERY DELINEATION AND RESTORATION

Eglin AFB, Florida

**Principal Investigator:** Oversaw fieldwork of a historic 19<sup>th</sup> century cemetery to preserve the restore the cemetery to its original standards.

#### ■ PHASE II ARCHAEOLOGICAL INVESTIGATION

Culpeper County, Virginia

**Co-Principal Investigator:** Survey conducted for the Virginia Department of Transportation for the proposed Route 3 Improvements and Stevensburg Bypass Project. The project involved excavating shovel test probes and test unit excavations.

#### ■ PHASE II/III ARCHAEOLOGICAL INVESTIGATION

Susquehanna County, Pennsylvania

**Principal Investigator/Senior Author:** Phase II investigation and Phase III Data Recovery conducted for the Pennsylvania Department of Transportation, District 4 for the proposed Wyalusing Creek Bridge Replacement, SR 0706 Project. The project involved excavating shovel test probes and large block test unit excavations. Two sites were investigated but only one site was



### Education

- M.A. Historical Archaeology, University of West Florida, 1996
- B.A. History, Virginia Commonwealth University, 1992

### Registrations & Certifications

- Register of Professional Archaeologists

### Experience

- AMEC: 2012
- Industry: 1996

### Professional Affiliations

- Society for American Archaeology
- Southeastern Archaeological Conference
- Kentucky Organization of Professional Archaeologists

## Licenses and Registrations

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

LICENSE NUMBER  
AA28002187

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

AMEC ENVIRONMENT & INFRASTRUCTURE, INC  
150 COCOA ISLES BLVD  
COCO BEACH FL 32931

VIVA FLORIDA 50th



State of Florida  
Board of Professional Engineers  
Attests that  
AMEC Environment & Infrastructure, 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 CA Lic. No: 7317  
Audit No: 228201504712 Certificate of Authorization 5392

Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LB7932**  
Expiration Date: February 28, 2015

**Professional Surveyor and Mapper Business License**  
Under the provisions of Chapter 472, Florida Statutes

AMEC ENVIRONMENT & INFRASTRUCTURE, INC.  
1105 LAKEWOOD PKWY STE 300  
ALPHARETTA, GA 30009-7625

*Adam H. Putnam*  
ADAM H. PUTNAM  
COMMISSIONER OF AGRICULTURE

State of Florida  
Department of State

I certify from the records of this office that AMEC ENVIRONMENT & INFRASTRUCTURE, INC. is a Nevada corporation authorized to transact business in the State of Florida, qualified on August 3, 2000.

The document number of this corporation is F00000004389.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 16, 2014, and its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixteenth day of January, 2014*

*Ken Detzner*  
Secretary of State

Authentication ID: CC4759816059  
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  
SRS Engineering, 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 CA Lic. No: 7317  
Audit No: 228201501185 Certificate of Authorization

State of Florida  
Department of State

I certify from the records of this office that SRS ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on September 14, 1995, effective September 11, 1995.

The document number of this corporation is P95000070762.

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 23, 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 is the Twenty third day of January, 2013*

*Ken Detzner*  
Secretary of State

Authentication ID: CC9094327346  
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**AC# 707614**

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

SEQ# L12121800897

DATE	BATCH NUMBER	LICENSE NBR
12/18/2012	120247686	AR0013549

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

PEREZ, JOSE RAMON  
820 SW 27TH RD  
MIAMI FL 331292247

RICK SCOTT GOVERNOR      KEN LAWSON SECRETARY

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

SEQ# L12121801065

DATE	BATCH NUMBER	LICENSE NBR
12/18/2012	120247686	ID0003650

The INTERIOR DESIGNER  
Named below IS LICENSED  
Under the provisions of Chapter 481 FS.  
Expiration date: FEB 28, 2015

PEREZ, JOSE RAMON  
820 SW 27TH RD  
MIAMI FL 331292247

RICK SCOTT GOVERNOR      KEN LAWSON SECRETARY

DISPLAY AS REQUIRED BY LAW

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

LICENSE NUMBER  
AR94369

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

JIMENEZ, SANTIAGO  
4732 SW 67TH AVE APT K1  
MIAMI FL 33155

VIVA FLORIDA 500



STATE OF FLORIDA      AC# 698319  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

AR96423      12/07/12 000000000

ARCHITECT  
DE ROSSI, DANIELA

IS LICENSED under the provisions of Ch. 481 FS.  
Expiration date: FEB 28, 2015      L12120700213

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**Licensee Details**

**Licensee Information**

Name: SANTIAGO, JAMES (Primary Name)  
(OSA Name)  
Main Address: 612 NE 14TH AVE.  
APT. A  
FT LAUDERDALE Florida 33304  
BROWARD  
County:  
License Mailing:  
License Location:

**License Information**

License Type: Registered Landscape Architect  
Rank: Landscape Arc  
License Number: LA0000795  
Status: Current, Active  
License Date: 04/15/1982  
Expires: 11/30/2015

**Special Qualifications**

Mangrove Trimmer      Qualification Effective

# State of Florida

Board of Professional Engineers

Attests that

**Edilberto Abonce, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 68242  
Audit No: 228201529290



# State of Florida

Board of Professional Engineers

Attests that

**Angela L. Alba, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 58538  
Audit No: 228201504062



# State of Florida

Board of Professional Engineers

Attests that

**Peter John Medico, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 42654  
Audit No: 228201515429



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AC#6383149 STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BOARD OF PROFESSIONAL GEOLOGISTS SEQ# L12092000489

DATE	BATCH NUMBER	LICENSE NBR.
09/20/2012	120132800	PG1888

The PROFESSIONAL GEOLOGIST  
Named below IS LICENSED  
Under the provisions of Chapter 492 F.S.  
Expiration date: JUL 31, 2014

BLONDIN, WENDY C  
158 BLUE HARBOR DRIVE  
TAVERNIER FL 33070

RICK SCOTT GOVERNOR      KEN LAWSON SECRETARY

DISPLAY AS REQUIRED BY LAW

# State of Florida

Board of Professional Engineers

Attests that

**Armando J. Alvarez Jrl, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 55980  
Audit No: 228201516163



# State of Florida

Board of Professional Engineers

Attests that

**Ignacio Serralta, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 45609  
Audit No: 228201511404



# State of Florida

Board of Professional Engineers

Attests that

**Roger Lynn Jeffery**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 216  
Audit No: 228201504388 Special Inspector SI Lic. No: 121



# State of Florida

Board of Professional Engineers

Attests that

**Gisela Rey, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 66366  
Audit No: 228201514218



# State of Florida

Board of Professional Engineers

Attests that

**Brian Scott Hathaway, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2015 P.E. Lic. No: 60724  
Audit No: 228201516442





## Section 3 Past Work Experience

### Specific Relevant Experience

AMEC has completed all aspects of architecture and engineering design – from concept design through as-built certification, including post-construction monitoring. Design integration is the heart of AMEC. Designing an aesthetic and functional space or facility that communicates your agency is where most firms end, at AMEC, this is only the beginning. Integrating our architectural design expertise with our in-house civil, mechanical, electrical, and structural engineering expertise allows AMEC to execute both small and large scale projects, on time and within budget.

AMEC's in-house architects have specialized knowledge across all the industries in which we work, including public facilities, healthcare, education, commercial, industrial and energy. This expertise means that we are able to introduce innovative and flexible design solutions to optimize the efficiency of both major and specialized buildings. We provide the expertise that assures our clients they are getting a facility that meets federal, state, and local regulations and one that will live up to their expectations in the years to come. Our Florida and Caribbean projects include:

- Broward County Maintenance Office Relocation
- Cays Club Properties
- Coral Way Bus Wash Facility
- Hilton Hotels Caribe Hilton Facade Evaluation
- IRG Edgewater Drive
- Miami-Dade County Fire Training Facility
- Miami-Dade FFA Control Tower Dismantling
- Nsoro AT&T South Florida Architecture and Engineering Services
- Rollins College Beal Maltbie Hall
- Thalatta Estate Engineering Assessments
- Jupiter Inlet Trail and Overlook Design

AMEC has provided design and renovations services to facilities throughout the country. With a national network of design professionals, our local professionals are able to team with experts throughout North America in order to provide the most cost-efficient design solutions to our clients. Our employees live and work in our local communities, making us especially dedicated to improving our surrounding environments. **We say**



**“world skills on your doorstep” because our customers recognize the value of our local presence.**

Our national experience includes:

- **South Main Street Fire Station in Manchester, New Hampshire:** AMEC was selected to provide engineering, and architectural services for the complete renovation of the existing 1912 South Main Street Fire Station. The rehabilitation reprogrammed the station to meet the needs of a state-of-the-art fire station while maintaining the historic components and structure. **AMEC was awarded a Historic Renovation Design Award by the Manchester Historical Society for this project.**
- **Portland International Jetport Terminal Expansion:** AMEC designed the full mechanical, structural, electrical and civil engineering systems and provided associate architectural services for the 167,000 square-foot multi-level addition to the Portland International Jetport (PWM) in Portland, Main. **The LEED Gold project received the 2012 Presidential Citation for Sustainable Design.**
- **Officers’ and Enlisted Clubs Renovations, Holloman Air Force Base, New Mexico:** AMEC’s multi-disciplinary design team led a week-long charette and site investigation of two cold war era buildings adjacent to the White Sands Missile Range. AMEC established the concept design for the renovation of these two buildings along with the phasing plan for the re-assignment of uses within the existing facilities. The AMEC design streamlined functions, modernized finishes, provided new uses for existing buildings, and **met LEED energy conservation goals for the project.**

On the following pages are more detailed descriptions for AMEC’s recent Florida projects.

# Broward County Maintenance Division Office and Workshop Relocation

## Scope

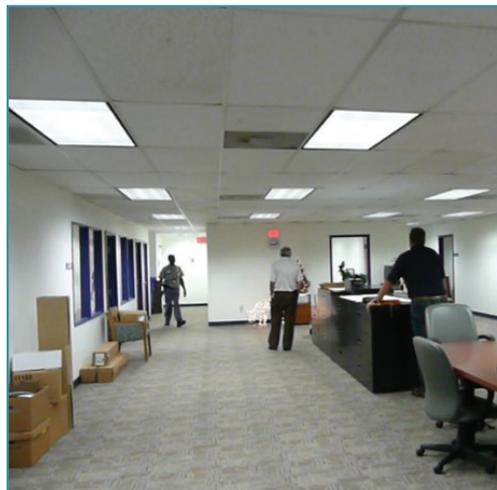
Broward County is constructing a new 20-story courthouse in downtown Fort Lauderdale. This new construction necessitated the demolition of the existing Courthouse parking garage and Facilities Maintenance Division's office and Workshop space. The Facilities Maintenance Division's Office and Workshop spaces are being relocated to two areas located within the Juvenile Assessment Center (JAC) building. Broward County contracted AMEC to provide architecture and engineering services related to the relocation of the office and workshop.

Services provided include:

- **Field assessment/drawing review:** AMEC reviewed the existing office and workshop spaces to assess the basic requirements of both spaces. AMEC also met with the end user to determine where cost-effective improvements/enhancements to the office and workshop layouts could be implemented in the design of the new spaces.
- **Demolition and new construction drawings:** AMEC provided demolition and renovation plans of the existing space in the JAC to be used for the new office and workshop spaces. The plans detailed the demolition, architectural, mechanical, plumbing, electrical and life safety work required to renovate the space.
- **Construction support:** AMEC provided permit review support, submittal review and RFI assistance to Broward County during the permitting and construction phase of this project.



Before



After

### Client /Contractor

- Broward County Construction Management Division

Norman Brown  
Expansion Project  
Administrator  
115 South Andrews Avenue,  
Room A550  
Fort Lauderdale, Florida  
USA 33031  
954.357.6476 (p)  
954.357.6411 (f)

### Location

- Fort Lauderdale, Florida

### Key Staff

- Armando Alvarez, PE, LEED AP
- Andres Lozano
- Jose Milian

### Project Cost

- Professional Services: \$35,000
- Construction: \$400,000

### Start Date

- 2011

### Completion Date

- 2011

# Beal Maltbie Hall LEED Renovation

## Scope

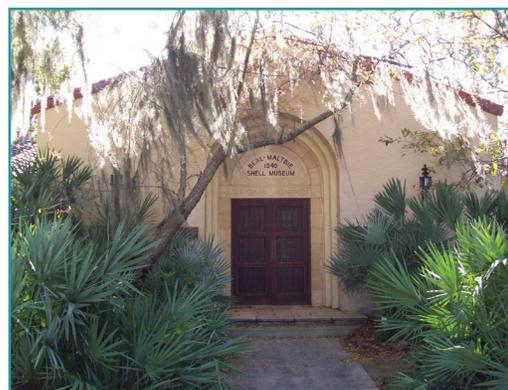
Rollins College hired AMEC to renovate Beal Maltbie Hall, a 3,300-square-foot building constructed in 1940 and converted to a classroom in the late 1970s. AMEC provided a LEED feasibility study that recommended an accreditation program and estimated the project time and cost. Rollins then hired AMEC to provide architecture and engineering design for the renovation and commissioning services for the construction.

The Department of Environmental Studies uses Beal Hall as a classroom, and the college administration deemed it an appropriate facility for the first LEED structure on campus. AMEC facilitated educational workshops to analyze and recommend what LEED credits to pursue for the project.

During design, AMEC performed building probes to analyze the existing envelope for its thermal value so the building envelope could be upgraded for a new HVAC system. The college extended a campus chilled water line to this building, replacing a 25-year-old air conditioning system with a new central air handler.

For lighting, AMEC specified LED lighting throughout the building, replacing old incandescent and fluorescent fixtures. LEED provides credits for daylighting of interior space, and the hallways in Beal Hall had no windows. AMEC directed the contractor to integrate insulated glass units into the original 1940 solid wood front doors, preserving the historic character and dramatically improving the daylight in the space.

Specifying an innovative cooling coil allowed the college to maximize energy efficiency for this building. With two cooling coils, the unit provides a stepped cooling system to better control humidity. The unit, manufactured by Governair Corporation, was custom-designed for this building. The energy cost savings is predicted to have a two-year payback time.



### Client

- Rollins College

Richard Shortridge  
Construction Project Manager  
Facilities/Services Building  
1000 Holt Avenue, Box 2732  
Winter Park, Florida  
USA 32789  
407.646.2146 (p)  
407.646.1800 (f)

### Contractor

- Thomas Michael Jackson and Associates

Tom Jackson  
5618 Marys Villa Road  
Groveland, Florida  
USA 34736  
352.406.1245 (p)  
352.429.5604 (f)

### Location

- Winter Park, Florida

### Key Staff

- Jose R. Perez, AIA, LEED AP, CGC
- Mark Hertz, PE, QCxP

### Project Cost

- Professional Services: \$30,000
- Construction: \$272,000

### Start Date

- 2011

### Completion Date

- 2011

# Ravenswood Bus Maintenance Facility

## Scope

AMEC was selected by Broward County to provide commissioning, value engineering, threshold inspections, construction materials testing, and owner's representation services during the design (commissioning only), and construction phases of the Ravenswood project.

The existing Ravenswood Bus Maintenance Facility has an area of approximately 9 acres and is approximately 39 years old. This facility accommodates approximately 100 public transportation vehicles with a mix of 40-foot fixed-route buses and smaller coaches, but is not able to service 60-foot articulated buses. Broward County Transit's goal is to reconfigure the site in phases to address the following necessary needs:

- Provide updated facilities meeting all applicable federal, state, and local codes (fire, hurricane, ADA, etc) requirements
- Allow for maintenance and storage of 60-foot articulated buses
- Rebuild the site to accommodate up to 50 additional public transportation vehicles

To meet the County's goal, the project includes the construction of the following new structures:

- Maintenance facility
- Fuel and Wash facilities
- Operations Building
- Three-story Parking Garage

The project will also require complete site work improvements including:

- Lighting
- Landscaping
- Drainage
- Underground storage tank

The construction of the new facility will require a carefully designed phasing plan that will address



not only the demolition of existing structures, but also the construction of new structures while maintaining uninterrupted daily operations in and egress from existing facilities. The design will include temporary facilities to accommodate some of the various functions on site.

This project will be a LEED certified project at a certification level that will be determined during the design process. The County's preference is a LEED Gold Certification.

The construction is phased, which will add another layer of obstacles to an already challenging project, due to an very aggressive schedule (18 months)

### Client

- Broward County

Jamil Jalloul, PE, GC, LEED AP  
 Project Manager III  
 115 S. Andrews Avenue  
 Room 212  
 Fort Lauderdale, Florida  
 USA 33301  
 954.357.5641 (p)  
 954.357.8535 (f)

### Contractor

- MCM

Gredel O. Del Toro  
 Sr. Project Manager  
 5201 Ravenswood Road  
 Fort Lauderdale, Florida  
 USA 34736  
 305.541.0000 ext 684

### Location

- Dania, Florida

### Key Staff

- Bruce Schmitt, CHMM
- Armando Hernandez, PE, SI
- Luis Ponce, PE
- Mark Hertz, PE, QCxP
- Armando Alvarez, PE, LEED AP

### Project Cost

- Professional Services: \$395,000
- Construction: \$32 million

### Start Date

- 2012

### Completion Date

- Ongoing

# Miami-Dade Transit Coral Way Bus Wash Architecture and Engineering Services

## Scope

AMEC was the design engineer-of-record for the design of a new \$3 million bus-wash building at Miami-Dade Transit's Coral Way Bus Maintenance Facility. AMEC worked with the project's turnkey construction manager, offering full design services including architectural, structural, mechanical, and electrical systems for the new facility.

In addition to the traditional design services and in order to ensure that the ultimate client achieved its set goals for the project, AMEC remained active throughout the completion of the project, assisting the client in obtaining the necessary construction permits from applicable jurisdictions, reviewing submittals and shop drawings, responding to RFIs, attending weekly progress meetings, and providing inspection services during the construction phase.

The scope of services included an asbestos survey of the old bus-wash facility, preparation of demolition drawings of the old facility, structural design and calculations for the design of the new reinforced masonry and concrete building, design of new drainage and piping systems, design of architectural elements of the structure, and design a new electrical systems to support the new state-of-the-art equipment.



New Building



New Building



Original Building



Original Building

### Client

- Miami-Dade County

Sergio Fernandez  
Project Engineer  
701 NW 1st Court  
Miami, Florida  
USA 33136  
305.876.7490 (p)  
305.876.0239 (f)

### Contractor

- Cherokee Enterprises, Inc.

Amanuel Worku  
Senior Project Manager  
14474 Commerce Way  
Miami Lakes, Florida  
USA 33016  
305.828.3353 (p)  
305.828.9317 (f)

### Location

- Coral Gables, Florida

### Key Staff

- Armando Alvarez, PE, LEED AP

### Project Cost

- Professional Services: \$71,000
- Construction: \$3 million

### Start Date

- 2005

### Completion Date

- 2009

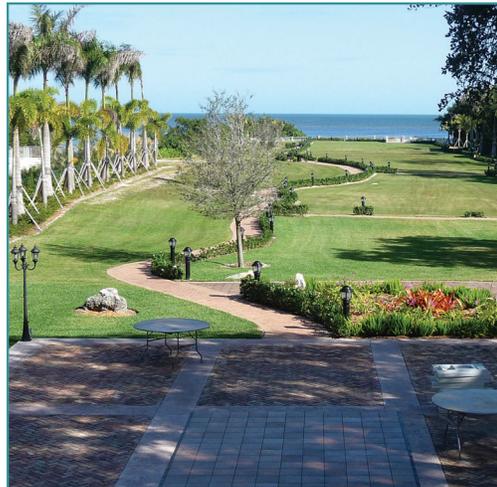
# Thalatta Estate Evaluation

## Scope

Thalatta Estate consists of a two-story main building and a two-story carriage house built in approximately 1925 on 3.52 acres and has approximately 5,507 square feet of area. The Village of Palmetto Bay purchased the property and planned on renovating and converting the main and carriage buildings into an event facility.

It was recorded that electrical upgrades had been performed at these buildings; however, the Village had no records of as-built conditions. In addition, the Village had a concern regarding the structural integrity of the main building due to its age and what appeared to be settlement.

AMEC performed a structural and electrical evaluation of the main building and provided "as-built" drawings, to the extent feasible, which were used to assist with the renovations planned for the facility. The assessments discovered several structural and electrical deficiencies and we recommended that they be addressed as part of the renovation project.



### Client

- Village of Palmetto Bay

Mr. Kirk Hearin  
Parks and Recreation  
Manager  
9705 E. Hibiscus Street  
Palmetto Bay, Florida  
USA 33157  
305.259.1234 (p)  
305.259.1290 (f)

### Contractor

- Not applicable for services rendered

### Location

- Palmetto Bay, Florida

### Key Staff

- Armando Alvarez, PE, LEED AP
- Andres Lozano
- Zach Liang, PE
- Ricardo Diaz
- Jose Delgado

### Project Cost

- Professional Services: \$11,500

### Start Date

- 2011

### Completion Date

- 2012

# Jupiter Inlet Trail and Overlook Design

## Scope

The Jupiter Inlet Trail project is located on Bureau of Land Management property adjacent to the Jupiter Lighthouse site on the edge of the Indian River Inter Coastal. The land is predominantly scrub oak, with palmettos and mangroves along the Indian River.

The design/build project consisted of a low-impact trail and observation platform. It included the design and construction of a small parking area, a trailhead with an information/orientation kiosk, approximately one quarter mile of hard surface trail, a boardwalk, and an elevated viewing platform. The trail is located in an oak scrub habitat, and the boardwalk was routed through a hardwood hammock to an elevated viewing platform (approximately 10' above grade) that overlooks a mangrove dominated tidal lagoon.

The trail was field flagged and GPS located, keeping in mind the travel experiences to be gained by the park visitor and minimizing the impacts to the site. When the trail reaches the hardwood hammock area, the trail transitions into a low boardwalk (approximately 18 inches off existing grade). The intent was to minimize and politely force the foot traffic to a confined walkway through the hammock.

At the end of the trail, the low boardwalk transforms to an elevated boardwalk with a series of ADA ramps and landings until it reaches the observation deck.



### Client

- U.S. Department of the Interior, Bureau of Land Management

Faye Winters  
Contract Specialist  
411 Briarwood Drive  
Suite 404  
Jackson, Mississippi  
USA 39206  
601.977.5431 (p)  
601.977.5440 (f)

### Contractor

- Hedrick Brothers Construction

Robin Lunsford, LEED BD+C  
Senior Project Manager  
Superintendent  
2200 Centre Park West Drive  
Suite 100  
West Palm Beach, Florida  
USA 33409  
561.689.8880 (p)  
561.689.8860 (f)

### Location

- Jupiter, Florida

### Key Staff

- Glenn Coffman, PE
- Gary Caraway, RLA
- Jon Hart, RLA
- Greg Myers, PG
- Brian Hathaway, PE

### Project Cost

- Professional Services: \$55,000
- Construction Cost: \$556,000

### Start Date

- 2009

### Completion Date

- 2010

# CEI for the Florida Keys Overseas Heritage Trail

## Scope

AMEC was awarded a contract with the Florida FDEP to provide Construction Engineering Inspection services, construction administration services, and environmental permitting services for the Florida Keys Overseas Heritage Trail at three segments: Grassy Key to Long Key, Ramrod Key to Big Pine Key, and Channel 5 to Tollgate Road — a shared-use path in the Florida Keys.

Services included observing and documenting general construction progress and the means and methods that were implemented to finish the work. Operations inspected included earthwork such as embankment and base placement, concrete for structures, and asphalt placement along U.S. 1. AMEC also provided pre-construction meetings, stormwater pollution prevention plans, document reviews and contractor reviews, as well as technical assistance in identifying project impacts to wetlands and developing suitable mitigation strategies as applicable.



### Client

- Florida Department of Environmental Protection

James Post, Construction Projects Consultant  
3 La Croix Court  
Key Largo, Florida  
USA 33037  
305.853.3571 (p)

### Contractor

- OTAK Group, Inc.

Aaron Kato, President  
96126 Mount Zion Loop Road  
Yulee, Florida  
USA 32097  
904.225.2588 (p)

- Charley Toppino & Sons, Inc.

Ronald J. Armstrong  
Project Manager  
P.O. Box 787  
Key West, Florida  
USA 33041  
305.296.5606 (p)

### Location

- Florida Keys

### Key Staff

- Eddie Abonce, PE
- Otto Elmer

### Project Cost

- Construction : \$9.1 million
- Engineering: \$1.2 million

### Start Date

- 2009

### Completion Date

- 2014

# Common Ground Park

## Scope

Furr & Wegman Architects and the City of Lakeland selected AMEC to provide civil engineering services for this award-winning specialty park. The park is specifically designed to accommodate all of the area's residents and specifically is adapted to those residents with varying disabilities. Working through a series of workshops and design sessions, with multiple interested stakeholders, careful consideration was given to each play area and each element in an effort to develop an understanding of how each affects different disabilities.

The work required a thorough knowledge of ADA requirements as well as the need to provide stormwater management systems that fit the park's play concepts, landscaping, and additional recreational uses. Through meticulous grading design and details, the existing flat site was transformed into a park with hills, cascading streams, and rock-climbing areas. The changes in topography allowed park users to explore different landscape environments in addition to play equipment.

The detailed grading design and stormwater system required vigilant coordination with numerous public agencies, the City of Lakeland, and a variety of financial supporters.

AMEC's scope included the following tasks:

- Permitting with the City of Lakeland and the Southwest Florida Water Management District
- Stormwater management design to allow for use of the stormwater pond within near proximity of playing fields
- Gravity sewer system design in flat terrain with successful avoidance of utility conflicts
- Potable water supply distribution design and layout
- Development of project technical specifications and bid documents for civil works
- Assisting during construction and providing project closure and certification documents to the agencies



### Client

- City of Lakeland

Bob Donahay  
Parks & Recreation Director  
228 South Massachusetts  
Avenue  
Lakeland, Florida  
USA 33801  
863.834.6035 (p)  
863.834.6071 (f)

### Contractor

- Furr & Wegman Architects, PA

Michael Furr  
625 East Orange Street  
Lakeland, Florida  
USA 33801  
863.688.1211 (p)  
863.688.1473 (f)

### Location

- Lakeland, Florida

### Key Staff

- Walter Reigner, PE, CPESC
- Timothy Kelly, PE, CPSWQ, CPESC
- Mark A. Jones

### Project Cost

- Professional Services: \$30,000
- Construction: \$2 million

### Start Date

- 2008

### Completion Date

- 2009

# Lake Myrtle Recreational Park

## Scope

AMEC provided civil engineering services for the City of Auburndale with the planning, design, and permitting of a regional recreational complex on the east side of Lake Myrtle. The Florida Youth Soccer Association (FYSA), the Polk County Board of County Commissioners, and Polk County Tourism & Sports Marketing (PCTSM) partnered with the City of Auburndale in development of the park. This new facility is estimated to contribute \$50 million per year to Central Florida's economy.

The site includes eight soccer fields of which four are National Collegiate Athletic Association (NCAA) regulated and one contains a stadium setting on both sides, and nine baseball fields, of which five are little league and five are NCAA championship fields with stadium setting. The site also will feature the future headquarters of the FYSA and PCTSM, concessions stands with bathrooms, a playground "Tot Lot," a corporate event lawn, and batting cages. Planning efforts are underway to add a number of complimentary uses to the park including water sports, a YMCA facility, swimming, and various eco-recreational elements.

AMEC initially developed conceptual plans for approval by the client. AMEC then advanced the engineering design through construction drawing preparation and permitting. Permitting through SWFWMD included an ERP application with 23 stormwater facilities and the restoration of an isolated wetland system for use in the stormwater treatment train. Utilities engineering included a 5,000 linear feet sanitary force main, 5,000 linear feet of potable water main, and a 40-hp sanitary lift station. Permitting for utilities was performed through FDEP as well as the Polk County Health Unit. AMEC staff prepared all technical specifications used in the bid documents for the utilities and earthwork for the project.



### Client

- City of Auburndale

Mickey Etherton  
Parks & Recreation Director  
P.O. Box 186  
Auburndale, Florida  
USA 33823  
863.965.5545 (p)  
863.965.5583 (f)

### Contractor

- Rodda Construction, Inc.

Jodie Rodda  
Senior Vice President of  
Construction  
250 E. Highland Drive  
Lakeland, Florida  
USA 33813  
863.669.0990 (p)

### Location

- Auburndale, Florida

### Key Staff

- Walter Reigner, PE, CPESC
- David Butcher, PE, LEED AP
- Timothy Kelly, PE, CPSWQ, CPESC
- Mark Jones

### Project Cost

- Engineering: \$300,000
- Construction: \$20 million

### Start Date

- 2009

### Completion Date

- 2011



## Section 4 Proposed Management Approach

### Project Management Approach

AMEC's project management approach is based on our core belief in providing the highest level of service and product quality to our clients. We believe that the fundamental aspects of client service are communication, responsiveness, technical expertise, and most importantly developing a client's-perspective understanding of the project's objectives, constraints, and potential challenges.

To accomplish this level of service standard, the AMEC team will strive to work closely with City staff and stakeholders as extensions of our project team. This will be facilitated through regular status reports, conversations, and meetings. As a matter of corporate policy a project execution plan (PEP) will be prepared at the initiation of the project based on the contractual scope, schedule, and budget. The PEP serves as a blueprint for internal assessment and management of project delivery performance. The plan specifically requires identification of factors which have the potential to affect the project schedule or budget along with mechanisms to measure performance and corrective action plans.

The AMEC PEP is a living document that requires continual update throughout the course of the project along with independent internal project reviews. At a task execution level, AMEC employs several effective project management tools to monitor the project budget and schedule. We track work efforts and progress for each element of the work plan on a weekly basis. Weekly goals are set for our staff based on the work plan and we hold them accountable for attaining those goals within the allotted hours.

### Quality Assurance/Quality Control

AMEC strongly believes that ongoing-programmatic QA/QC is a key element of our plan to maintain the project schedule and budget. Our organization structure essentially provides three levels of QA/QC for small, medium, and large projects. At a task level, peer to peer review is mandatory and a key to assuring that small mistakes are not perpetuated throughout the project, snowballing into major problems causing associated schedule and budget concerns.

Project team meetings are held on a regular basis, providing an opportunity to share project



information and identify potential problems and head them off before they become schedule stoppers. Project schedules and milestone dates are reviewed at each team meeting. We often use emails to send electronic drawings and data which helps reduce schedule snags since data is more easily available and ready for use.

We set weekly goals for our project team based on our work plan and hold team members accountable for attaining those goals within the allotted hours. Project efficiency will be maximized by submitting regular project status reports, meeting as needed with City staff to facilitate communication during the course of a project, and limiting the number of team members working on a project. This allows us to meet the project schedule, but at the same time, minimize unnecessary confusion regarding responsibilities and methodologies.

Additionally, continuous senior level review is essential to meeting project goals and objectives within allocated schedules and budgets. Our specific goal is to identify and correct potential issues during the process to avoid costly and time consuming backtracking in subsequent elements of the work plan.

AMEC recognizes our staff dedication and professional pride that our project team members possess as an integral component in a project's success. Our project team is focused

on maintaining a common sense approach throughout the project and avoiding over-complication and over-engineering. **Basically, with the experience with similar projects and services, we know what to expect, what to do, and how to do it.**

### Budget and Schedule

AMEC employs several effective project management tools to monitor our project budgets and schedules. BST software - a \$260,000 corporate commitment - provides management tools for integration of project accounting, budget control, scheduling, and project tracking functions. We track work efforts and progress for each element of the work plan on a weekly basis and employ aspects of Earned Value Management to monitor our performance.

AMEC has a proven history of providing quality engineering and professional services for both public and private sector clients. Outstanding examples of AMEC's standards of meeting budget and schedule include the following:

- SFWMD's Lakeside Ranch Stormwater Treatment Project, which was completed in 2012. The entire project was completed on time and under budget with a perfect safety record. AMEC was recognized by the SFWMD for its professionalism, outstanding technical support, and prompt responses during the execution of this project.
- For Rollins College, a private liberal arts college in Winter Park, Florida, budget and schedule were two key criteria. The college had set aside just enough money to replace two antiquated air conditioners, and had to fit the project into the summer term, with a nonnegotiable occupancy date before school

started in the fall. AMEC, as the Architect of Record, delivered services within the aggressive schedule and challenging budget allocated for this work.

- AMEC is currently providing full-time quality control management services for the I-595 Corridor Improvements Project. The project will be substantially completed by the end of 2013, with an end date of March 2014. The contractor has been successful in hitting all of the milestones established by FDOT, and AMEC has been able to provide all QC testing services in accordance to the very ambitious schedule.
- For the City of Inverness's downtown redevelopment, completed in 2006, AMEC was responsible for all project elements including concept and final design, regulatory permitting, plans preparation, public workshops and education, and construction engineering inspection. AMEC worked closely with City staff to ensure the goals of all involved were implemented or considered in the final design. Project implementation was well coordinated as the project had to be phased in order to accommodate an annual event within the City. The project was completed on schedule and within budget, and the City's event went on as planned.
- Following Hurricane Wilma, St. Lucie County contacted AMEC to assist in assessing the damage sustained by their facilities. Staying within budget and completed in 2005, AMEC's quick response to the school board's needs were an integral part in re-opening the schools in a safe and expeditious manner, as well as recovering FEMA funds for the repairs. AMEC was selected for this project as a result of its depth of resources that facilitated the quick response and action after the storm.



## Project Staff

Perhaps more so than any other factor, the project staff assigned to the project is a key to maintaining the project budget and schedule. Possession of a pragmatic understanding of the scope of services ensures that the final design is consistent with the intended final end-uses. Equally important is a team-wide functional knowledge and understanding of the project guidelines and specifications in the context of the overall programmatic goals of the City's vision.

The AMEC team assembled for this project is comprised of a group of highly qualified and experienced professionals who have completed multiple projects with nearly identical scopes of services, budgets, and schedules to the items requested in the City's RFQ. Our Project Manager, **Mr. Santiago Jimenez, AIA, LEED AP**, is a highly experienced and uniquely qualified individual who led the team that designed the Zoo Miami Florida Exhibit and the improvements for the Trail Glades Range in Miami-Dade County. He has also served as the project manager for several parks, recreational, and sports facilities for Miami Dade County Park, Recreation and Open Spaces department. This outstanding collection of expertise, experience, and professional judgment is irreplaceable when it comes to managing project budget and schedule.

Additionally, our project team includes a group of support staff with extensive experience on numerous continuing contracts for engineering and architecture for municipalities throughout the state for projects that are similar in scope. Our firm is also capable of supplementing the project team in the event that unforeseen circumstances necessitate additional resource commitments to meet or improve schedule and/or budget performance.

The AMEC team has specialized and unique knowledge along with resources that will contribute to the efficient completion of the projects with the City's contract, including:

- The majority of our team has unique and extensive experience with local and regional jurisdictional agencies which further enhances our ability to create opportunities for improvements to the project schedule and budget.
- Our team's expertise includes a unique blend of professionals that provide a comprehensive understanding of architecture, interior design, historic preservation, sustainability (LEED), civil engineering and infrastructural design, structural engineering, mechanical engineering, electrical engineering, plumbing engineering, water resource engineering, water and wastewater services, geotechnical



engineering, environmental and coastal engineering, hydrogeology, geology, hydrology, GIS, ecological/ environmental sciences, and land surveying.

In addition to our local resources, our team has access to AMEC's national pool of resources and experience.

AMEC's project management procedure and strategy for each component of a project is designed to maximize the efficient execution of each task and to ensure the City's satisfaction. Our management process is proven to be one of the most efficient for controlling numerous activities in a timely and cost effective manner. These processes are tailored to meet the individual needs of each of our clients.

We believe that it is critical that the project management philosophy be focused on the effective coordination and combination of the project elements and services required to successfully complete the project. A practical understanding of both the technical and non-technical aspects are essential to the efficient execution of this project. In summary, the key elements of our project management plan are:

- Effective client interface and communication
- Assignment of a senior project manager and experienced key personnel
- Preparation of a comprehensive technical approach based on a sound understanding of the project
- Development of a fair and complete budget to accomplish the work
- Use of proven, computerized systems for monitoring and control of project cost and schedule



## Section 5 Location and Availability



## Location

AMEC Environment & Infrastructure, Inc., is an architecture and engineering design, environmental consulting, and construction company operating with more than 4,200 professionals in 110 locations across the United States. In Florida, AMEC has 500 employees in 14 offices, including more than 100 in the South Florida region. The AMEC team brings specialized Florida knowledge and experience to our clients with aided service delivery driven by our expansive financial, project management, and IT systems. Utilizing these combined services allows us to draw on vast resources of personnel and experience to meet our clients' needs.

The City of Key West project will be managed and serviced from our Miami Lakes office with additional support from our West Palm Beach, Lakeland, and Orlando offices. While we have team members in multiple offices, our project managers and highly qualified professionals form seamless and flexible project teams that provide uninterrupted continuity to project tasks. We have

a proven working history with a high success rate of coordinating and executing high-value engineering and architectural projects throughout the state. The close proximity of our offices to the City of Key West will enable the AMEC project team to rapidly respond to all project needs in a timely and cost efficient manner.

AMEC has been serving the City of Key West and Monroe County for more than a decade and is familiar with all aspects of permitting and regulations for projects in the Keys. Additionally, AMEC is teaming with SRS Engineering, Inc., who will provide as-needed civil engineering services. Located in Miami, SRS is an MBE firm that provides a wide range of services including general civil and structural engineering, and construction management and inspections. SRS, teaming with AMEC, was recently awarded the City of Key West's contract for Highway Design, Surveying and Mapping, Soil and Material Testing, Construction Engineering and Inspection Services for Bus Aprons – Lower Keys; Project No. TS-1102.

### Workload

Our project managers and highly qualified professionals form seamless and flexible project teams that provide uninterrupted continuity to project tasks. We have a proven working history with a high success rate of coordinating and executing high-value engineering and design projects throughout the state. The close proximity of our offices will enable the AMEC team to rapidly respond to all project needs in a timely and cost-efficient manner.

The AMEC team has ample capacity, at any given time, to support the City of Key West with this contract. The staff members proposed for this assignment will be available daily to provide the services indicated, and individual staff members' hours can and will be adjusted as dictated by project needs and in accordance with the project work plan and schedule. We understand that the nature of this contract may not be one of uniform workload, but rather of varying labor requirements, and the AMEC team commits to the City that it will provide sufficient staff resources to handle even peak workload demands. Our team has the resources available to expedite schedule at any time if needed and all are equally committed to client satisfaction and to outstanding technical performance on each and every task assignment.

The AMEC team's primary goal is to provide a strong and diverse staff with the interdisciplinary skills and depth of experience necessary to produce all the required tasks on time and within budget, while achieving a quality product.

The current workload and availability for the key architectural personnel over the next 12 months is depicted in the graph below. We are confident that our team's ability to handle the scope of services required under this RFQ is not affected by our existing workload, which does not include any substantial long-term project commitments for any of our team members. We feel that the project management methods discussed in the previous section would facilitate the efficient implementation of this contract.



### Ability to Provide Services

Our daily ability to handle the scope of services will be facilitated primarily by continuously tracking staff needs and availability to ensure project commitments are met, and costly staff overloading or under loading is avoided. Our team's project manager, **Mr. Santiago Jimenez, AIA, LEED AP**, will oversee and coordinate this effort to ensure an effective staff allocation whereby team adjustments will be made as dictated by the project requirements and in accordance with the designated work plan. Equally important will be coordination with City staff.

We are confident that this contract will be an excellent fit for the AMEC team in terms of experience and proficiency as well as the availability of the personnel who are proposed. The professionals who would be utilized for this project are committed to client service and accustomed to providing the individual time and effort necessary to successfully achieve the objectives of our clients. We are looking forward to partnering with you for this contract and are ready to start work immediately. The AMEC team is fully confident that we will complete the scope of services successfully and to the full satisfaction of the City of Key West.

Workload Graphic Representation											
Team Member	% Available	10	20	30	40	50	60	70	80	90	100
Jose R. Perez, AIA, LEED AP, CGC	40%										
Santiago Jimenez, AIA, LEED AP	90%										
Armando Hernandez, PE, SI	40%										
Nestor Fernandez	60%										
Daniela De Rossi, RA	90%										
James Santiago, RLA	80%										
Marthia N. Scherer	50%										
Jose Milian	80%										

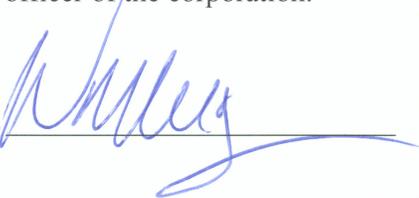


## Section 6 Forms

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF POLK                    )

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

By: 

Sworn and subscribed before me this

23 day of April, 2014.

Kathyrina M. Rivera  
NOTARY PUBLIC, State of Florida at Large



My Commission Expires: 05/01/2015

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

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

1. This sworn statement is submitted with Bid, Bid or Contract No. 14-002 for Architectural Services
  
2. This sworn statement is submitted by AMEC Environment & Infrastructure, Inc.  
(Name of entity submitting sworn statement)  
  
whose business address is 5845 NW 158<sup>th</sup> St. Miami Lakes, Florida 33014  
  
and (if applicable) its Federal Employer Identification Number (FEIN) is 91-1641772 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is Walter Reigner, PE, CPESC and my relationship to  
(Please print name of individual signing)  
  
the entity named above is Area Manager.
  
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
  
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
  
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
  
7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter

into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

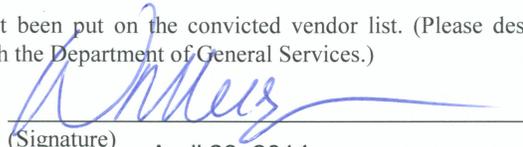
Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

  
(Signature)

April 23, 2014

(Date)

STATE OF Florida

COUNTY OF Polk

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Walter Reigner who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 23 day of April, 2014.

My commission expires:  
NOTARY PUBLIC

05/01/2015

Kathyria N. Rivera



ADDENDUM NO. 1

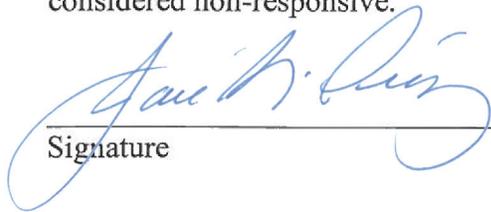
RFQ – 14-002

To All Bidders:

The following change is hereby made a part of RFQ 14-002 – Architecture Services, as fully and as completely as if the same were fully set forth therein:

**Sub-consultants need not provide an Anti-Kickback Affidavit or PEC Certification.**

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 by acknowledging Addendum in their proposal or by submitting the addendum with the bid package. Bids submitted without acknowledgement or without this Addendum may be considered non-responsive.

  
\_\_\_\_\_  
Signature

AMEC Environment & Infrastructure, Inc.  
\_\_\_\_\_  
Name of Business



# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
04/22/2013

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).

<b>PRODUCER</b> Aon Risk Services Northeast, Inc. Morristown NJ Office 44 Whippany Road, Suite 220 Morristown NJ 07960 USA	<b>CONTACT NAME:</b> PHONE (A/C. No. Ext): (866) 283-7122      FAX (A/C. No.): 800-363-0105		
	<b>E-MAIL ADDRESS:</b>		
<b>INSURED</b> AMEC Environment & Infrastructure, Inc. 1105 Lakewood Pkwy, Suite 300 Alpharetta GA 30009 USA	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	INSURER A: Allianz Global Risks US Insurance Co.		35300
	INSURER B: Zurich American Ins Co		16535
	INSURER C: American Zurich Ins Co		40142
	INSURER D: ACE American Insurance Company		22667
	INSURER E:		

**COVERAGES**      **CERTIFICATE NUMBER: 570049689082**      **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 CERTIFICATION 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. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
D	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC			G24553401	05/01/2013	05/01/2014	EACH OCCURRENCE	\$1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$100,000
							MED EXP (Any one person)	\$10,000
							PERSONAL & ADV INJURY	\$1,000,000
							GENERAL AGGREGATE	\$2,000,000
							PRODUCTS - COMP/OP AGG	\$2,000,000
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/>			BAP 9483148-02	05/01/2013	05/01/2014	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
D	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION			XOOG27238671	05/01/2013	05/01/2014	EACH OCCURRENCE	\$2,000,000
							AGGREGATE	\$2,000,000
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input checked="" type="checkbox"/> N/A			wc350486612	05/01/2013	05/01/2014	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER	
							E.L. EACH ACCIDENT	\$1,000,000
							E.L. DISEASE-EA EMPLOYEE	\$1,000,000
							E.L. DISEASE-POLICY LIMIT	\$1,000,000
B	Archit&Eng Prof			EOC938357805 SIR applies per policy terms & conditions	05/01/2013	05/01/2014	Any one Claim/Aggre	\$1,000,000

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

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b>
AMEC Environment & Infrastructure, Inc 1105 Lakewood Pkwy, Suite 300 Alpharetta GA 30009 USA	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 <i>Aon Risk Services Northeast, Inc.</i>

ACORD 25 (2010/05)

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**AMEC**

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