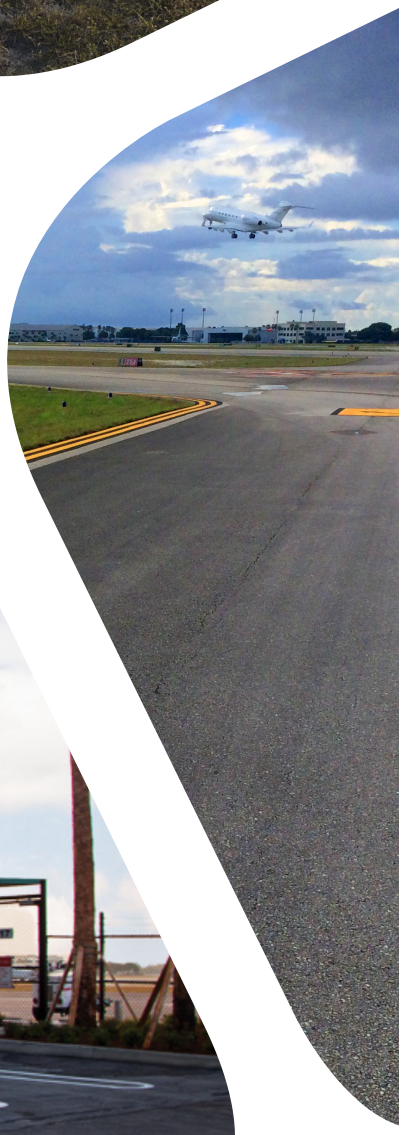
City of Fort Lauderdale
General Engineering

Aviation Consultant

Continuing Services Contract
RFQ # 12120-986

CITY OF FORT LAUDERDALE



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April 2, 2018

Ms. Tanzania Johnson, MPA
Sr. Procurement Specialist
City of Fort Lauderdale
Procurement Services Division
100 N. Andrews Avenue #619
Fort Lauderdale, FL 33301

RE: General Engineering Aviation Consultant Continuing Services Contract; RFQ #12120-986

Dear Ms. Johnson and Members of the Evaluation Committee:

Kimley-Horn has a long history working with the City of Fort Lauderdale, and in particular with the Executive Airport (FXE). We are proud to have previously served airport staff for 17 years, 13 of which we served as your general engineering consultant. Together, we have accomplished many tasks including airfield pavement projects covering the majority of your airport, airfield lighting, security, and landside development projects.

In addition to the insights we have gained over the many years working with airport staff and the personal relationships built, we know that Kimley-Horn is uniquely qualified to perform general engineering aviation services. When considering whom you would select to be your consultant, we would like to emphasize several key features that separate Kimley-Horn from the competition:

Unparalleled Airfield Experience. No other consultant has more knowledge of Ft. Lauderdale Executive Airport's infrastructure. As previously discussed, we have had 13 years of experience serving as your airport's general engineering consultant. During that tenure, we have been your trusted partner for all the airport's pavement projects including: Runways 8-26 and 13-31 and Taxiways A, B, C, D, E, and G. On the Airport's landside, we have designed the U.S. Customs Building, Airfield Rescue and Firefighting Facility (ARFF), and the Aviation Equipment and Service Facility (the AES Building/Maintenance Building).

With Kimley-Horn you get a consultant who will not require a learning curve to solve your challenges. We have firsthand knowledge of your airport's infrastructure and will customize the right design to suit your needs. This will save time and money during design and construction.

Grant Writing and Administration. Kimley-Horn has a breadth of experience with the FAA that few consultants can provide. Two of our team members, **Carlos Maeda, P.E.** and **Michael Carey, P.E.** were former employees of the FAA. We understand that obtaining successful funding sources is critical to your project. As of 2015, Kimley-Horn has provided assistance to our clients resulting in more than $165.5 million in grants and outside funding. We have developed a resource library of information on state and federal funding sources and will assist you in making the most of the available resources. Kimley-Horn staff works hand-in-hand with airports to identify eligible projects, prepare the proper project descriptions, and other grant-required data to provide the FAA with all required grant application information. We have also partnered with **Dickey Consulting Services, Inc. (DCS)** to supplement our grant administration services. DCS's responsibilities will include DBE monitoring and reporting during the construction phase.

Experienced Project Team. I, **Tom O'Donnell, P.E.**, will serve as the project manager and primary point of contact with FXE staff. I have more than 17 years of experience in airport engineering, which consists of all facets of airport development, including an extensive knowledge of airfield pavement design, phasing, airspace analysis (Part 77), and construction phase services. I have a proven track record at FXE, putting my experience to use by serving as your airport

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engineer on several projects including project manager for the Rehabilitation of Taxiways Charlie, Delta, and Foxtrot. I am supported by a strong team of professionals who have direct experience at FXE: **Michael Carey, P.E.** and **Eileen Velez-Vega, P.E.** Mike has 35 years of experience in aviation planning and engineering and is currently serving as principal-in-charge for the FXE Taxiway Foxtrot Pavement Rehabilitation Project. Eileen has formerly served as your project manager for six years under previous General Engineering Consulting contracts. Our electrical subconsultant, **Hillers Electrical Engineering, Inc.**, has an extensive knowledge of your airfield electrical system. In addition, our architect, **ACAI Associates, Inc.**, has designed the Customs, ARFF, and AES Buildings.

With Kimley-Horn you get a consultant who understands your airfield's operations. This is critical to properly phasing construction during design to minimize operational impacts to your tenants. This will simplify the contractor's activities and result in lower construction costs. We also have an excellent understanding of the City's administrative process as it applies to contracts.

Summary. Our knowledge of your infrastructure, grant writing and administration, and the team's experience coupled with the resources of a national leader in aviation consulting make the Kimley-Horn team the right choice for your consultant. We offer unmatched client service, exceptional resources, commitment to quality, and knowledge of the Airport's goals. We are excited about this contract and genuinely want to serve you.

Sincerely,
KIMLEY-HORN

Tom O'Donnell, P.E.
Project Manager
Phone: 561.840.0825
Fax: 561.863.8175
tom.odonnell@kimley-horn.com

Gary R. Ratay, P.E.
Vice President
Phone: 561.535.5112
Fax: 561.863.8175
gary.ratay@kimley-horn.com

Table of Contents

Tab 2. Executive Summary

Kimley-Horn is proud of the trust Fort Lauderdale Executive Airport has placed in us over the past 17 years. From our variety of aviation services ranging from design, rehabilitation, and relocation of your taxiways and runways to our landside services for security and building design; we have developed an unmatched historical knowledge of your airport and a strong relationships with your staff and stakeholders. Our local and national aviation experts stand ready to meet the challenges of serving as your general engineering aviation consultant. These continuing services requires a team with our knowledge, passion, and commitment to you. This submittal highlights all of these features and our approach to a successful project.

Kimley-Horn was founded in 1967 in Raleigh, North Carolina by Bob Kimley and John Horn—two senior engineering professors at North Carolina State University. The expertise of the firm was initially focused on traffic planning and public transportation projects. In the ensuing 50 years, the firm has expanded both geographically and in the variety of planning, engineering, and environmental services that it provides. Kimley-Horn began providing aviation consulting services in North Carolina and Florida in the early 1970s. Since then, we have worked at over 500 airports and completed more than 1,200 airfield projects and more than 4,000,000 feet of built runways.

Today, Kimley-Horn is a full-service, multidisciplinary consulting firm with more than 3,000 employees in 84 offices nationwide offering a full range of consulting services to local, regional, national, and international clients. In Florida alone, there are more than 600 employees in 13 offices, with more than 35 staff devoted full time to serving our aviation clients. Whether it's runways, roadways, or parking; landside access or environmental studies; operations or technology; the firm's experienced professionals can develop innovative solutions you can rely on. Kimley-Horn offers comprehensive airside and landside services to meet wide-ranging needs at airports large and small. Our staff also has extensive experience and is very familiar with the procedures and requirements of the Federal Aviation Administration (FAA), and the Florida Department of Transportation. Our Florida based aviation personnel include former FAA Orlando Area District Office (ADO) personnel who maintain strong personnel relationships with the ADO staff. We currently serve as an on-call consultant for the FDOT Central Aviation Office, as well as their prime consultant for the Statewide Aviation Pavement Management Program. ***In 2017, Kimley-Horn was ranked 7th for airport consulting firms in the nation by Engineering News-Record.***

We are recognized for the outstanding work of our consulting staff, the quality of our work environment, and our stature as a business enterprise. In 2018, Kimley-Horn was recognized as one of Fortune magazine's "100 Best Companies to Work For," marking our eleventh appearance; this year, we ranked #10. *Fortune* also ranked us among the "20 Best Workplaces in Consulting & Professional Services", "Best Places for Millennials," "Best Places for Diversity," and "Best Places for Camaraderie." We were also named Southeast Design Firm of the Year in 2015 by *Engineering News-Record* (ENR). Much of our growth extends from the confidence and trust that clients have in us.

Kimley-Horn has continuously had an office in the Fort Lauderdale area for the past 35 years. We are proud to have worked on projects in Fort Lauderdale and the surrounding communities for many years, and our knowledge and understanding of the area has grown significantly with our

decades of service in the community. We are confident that our local presence and sensitivity to the community's concerns will benefit the City by providing you with unmatched accountability, responsiveness, and value.

We pride ourselves in our ability to tailor comprehensive airside and landside services to our clients' needs. Kimley-Horn's approach gives our clients the best of both worlds—the resources of a large, nationally-ranked firm and the personal attention and response of a small dedicated professional team. With both aviation specific engineering and planning services in-house and in Florida, you get the responsiveness, expertise, and experience you need for the Fort Lauderdale Executive Airport.

Point of Contact

Our project manager, **Tom O'Donnell, P.E.**, will serve as the City of Fort Lauderdale's point of contact. He will be personally responsible and accountable for the success of your project and has access to the full range of technical resources available within Kimley-Horn. In addition, our project team has the experience required to develop appropriate targets, tailor suitable courses of action, and provide timely decision making for any unexpected challenges that may arise.

Kimley-Horn (Fort Lauderdale Office)

600 North Pine Island Road
Suite 450
Plantation, FL 33324
Phone: (954) 535-5100
Fax: (561) 863-8175
Email: tom.odonnell@kimley-horn.com
Website: www.kimley-horn.com

Office Locations

Kimley-Horn has been in Florida for more than 50 years and understands the importance of timely service, availability, and flexibility. Our philosophy for providing professional services is based on a commitment to effective management and personal service. The ultimate goal of the Kimley-Horn team is to respond to the distinct needs of each locale we serve. We are also very sensitive to the needs and opinions of local businesses and residents, and routinely work with our clients to establish cost-effective and tangible priorities that result in constructible and implementable plans and designs.

Kimley-Horn's Plantation office will serve as the primary office responsible for overseeing the work related to this project in order to maximize our local staff and provide a strong presence from an office located in short proximity to the City. The Plantation office will be assisted by experts in our West Palm Beach and Vero Beach offices. From these locations, we will work diligently; encouraging open communication to keep you informed about project activity and primary schedule achievements. We are committed to working as your partner, offering you the most effective level of communication to relay project issues, progress, and results that best serve your needs in a timely manner. We will work with the City to establish the schedule and scope of work, and serve in close proximity as the direct contact with the City for the duration of the assignment. Additionally, our experts throughout the state are available for technical support to ensure timely completion and fulfillment of project goals.

Corporate Headquarters

421 Fayetteville Street
Suite 600
Raleigh, NC 27601
Phone: (919) 677-2000
Fax: (919) 677-2050

Business Structure

Kimley-Horn and Associates, Inc. was incorporated on February 10, 1967 in North Carolina.

Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc. which is wholly owned by APHC, Inc.

APHC, Inc. is owned by individuals who are Kimley-Horn employees. There are more than 300 APHC, Inc. shareholders.

Principal Officers:
Brooks H. Peed, Chairman
John C. Atz, CEO, President
Richard N. Cook, Senior Vice President, Secretary
David L. McEntee, Vice President, Treasurer, Assistant Secretary

Directors:
John C. Atz, CEO, President
Barry L. Barber, Senior Vice President
Derrick B. Cave, Senior Vice President
Nicole M. Kerry, Senior Vice President
Steven E. Lefton, Senior Vice President
Emmeline F. Montanye, Senior Vice President
Terence T. Murphy, Executive Vice President
Brooks H. Peed, Executive Vice President
H. Dean Penny, Senior Vice President
Michael G. Schiller, Executive Vice President
Christopher A. Squires, Senior Vice President
G. Bradbury Tribble, Senior Vice President

Key Staff

As illustrated in our organizational chart in Section 4, our team includes Kimley-Horn individuals and subconsultant partners who are familiar to FXE staff, including (but not limited to):

Tom O'Donnell, P.E. – *Project Manager*
Michael Carey, P.E. – *Principal-in-Charge*
Eileen Velez-Vega, P.E. – *Quality Assurance/Quality Control*
ACAI Associates, Inc.
CRJ & Associates, Inc.
Dickey Consulting Services, Inc.
Hillers Electrical Engineering, Inc.
Stoner & Associates, Inc
Tierra South Florida, Inc.
Quantum Spatial

These individuals and firms will provide FXE with the continuity and consistency that will lead to a successful project.

With the Kimley-Horn team, you get a consultant that can help you meet any challenge you face at Fort Lauderdale Executive Airport, one that listens to your needs, and delivers solutions to meet those needs.

Tab 3. Firm Qualifications and Experience

A good aviation consultant is more than just a vendor—someone you rely on to prepare a set of bid documents that only fulfills the minimum requirements. A good aviation consultant is your partner—someone who knows your business and who you trust to deliver the right solution. A good aviation consultant is your trusted advisor who will proactively look out for your interests and bring issues to your attention that you need to know even when the issue may be outside of the project work area. A good aviation consultant measures their success by your success. Kimley-Horn is that consultant. We exist to serve our clients and have held that philosophy since our founding in 1967. It is the very core of what we believe and is the basis for the relationships we build with our clients. It is what has made us successful and what will carry us into the future. We want to be your partner and your trusted advisor. Below is a list of our qualifications and experience.

Aviation Design

General aviation, air carrier, and military clients have found in Kimley-Horn the full-service expertise their airfields need. Since the 1960s, our staff has provided engineering, planning, environmental, and surveying services for a large number of federally, state, and locally funded airport projects across the United States. Our experience includes comprehensive airport planning, design, construction administration, site selection, environmental assessment, and Part 150 noise studies. We have designed terminal aprons, taxiways, runways, ingress and egress roadway networks, lighting, special signage, landscaping, utilities, security and a variety of other landside and airside facilities. Our services include designing private air strips, helistops, general aviation airports, and full-service air carrier airports.

We pride ourselves on our ability to provide comprehensive landside and airside services tailored to our clients' specific needs. Our track record also includes helping airport owners obtain approvals and/or grants from the Federal Aviation Administration (FAA) and state departments of transportation to approve and finance their airport improvement projects. We are altogether familiar with the procedures and requirements of the FAA and other review and permitting agencies whose approval is required for construction of airport projects. Specific areas of Kimley-Horn's airfield design and construction service expertise include:

- Site planning and master planning
- Airport/heliport licensing
- Local permitting approvals
- Infrastructure planning and design, including utility coordination
- Environmental permitting, assessment, and remediation
- Water and wastewater systems design
- Ingress and egress roadway networks
- Runway, taxiway, apron, and terminal design
- Paving and drainage design
- Airfield and taxiway lighting
- Airfield and terminal security
- NAVAIDS
- Pavement management systems
- Landscape architecture
- GIS mapping
- Construction observation

Taxiway Geometric Design

The geometric design for taxiway relocations requires a thorough understanding of current FAA Advisory Circulars (AC). In September of 2012 the FAA released AC 150/5300-13A Airport Design which revised the guidance for taxiway geometry. Under this new document, the FAA provided new geometric requirements for intersecting taxiway fillets and the elimination of direct access from aprons to runways via connecting taxiways. Kimley-Horn has direct airfield experience at FXE as it applies to both these changes. Under the rehabilitation of Taxiway Echo and Foxtrot projects Kimley-Horn was responsible for designing modifications to the exiting taxiway fillets to bring the pavements into compliance with FAA standards. Similarly, under the ongoing redevelopment Sheltair lease area, located adjacent to the proposed relocation Taxiway Foxtrot, Kimley-Horn is proposing the elimination of direct access between the apron and Runway 9-27 via Taxiway Delta.

Pavement Design

As your trusted partner for 17 years, we have gained a superior understanding of the in-situ soil conditions, aircraft fleet mix, aircraft operations and traffic forecast at FXE. These four elements are necessary to design proposed pavements using the FAA's 3D Rigid and Flexible Iterative Elastic Layered Design (FAARFIELD) software. Under several of our previous project, the Kimley-Horn team collected and tested existing soil samples to determine their makeup and bearing capacity. Similarly, using excerpts from the Part 150 Noise Study, we were able to inventory the mix of aircraft and the number of current and planned operations which are performed by stakeholders. Understanding this information allowed Kimley-Horn to determine a customized pavement section for FXE and optimize the pavement's useful life. Kimley-Horn's knowledge and experience in this regard will save time during design as the soils, fleet, and operations are expected to be very similar for other parts of the airport.

Airfield Phasing

Airfield pavements must be maintained to protect a safe operating environment for aviation. But whenever a section of pavement must be closed for maintenance, or new pavements are constructed, there is the potential for operational impacts on the airport. Kimley-Horn has successfully completed hundreds of complex airport projects across the country, always working with the airport to minimize the operational impacts at the lowest possible construction costs. The same type of project can be constructed with different phasing sequences to meet individual airport needs—we will work with your staff and stakeholders to customize the right phasing for your project. For instance, the rehabilitation of your Runway 9-27 was accomplished with a full 11-day closure; while for a similar project at the Sarasota Bradenton International Airport the best alternative was for the rehabilitation of Runway 14-32 to have nightly closures, reopening each morning. With Kimley-Horn you get a consultant who understands and listens to your needs.

Landside Services

At Kimley-Horn we have a wide range of services to support our aviation team on many landside tasks. We have extensive experience in traffic studies and roadway design. We also have a nationally recognized land development team that has an impressive resume accomplishing many land development projects for several nationally recognized corporations, working on everything from big box retailers and master planned home developments to restaurants and banks. This wide range of experience has prepared our team to handle anything that comes their way. We have used this expertise in designing the U.S. Customs Building, Airfield Rescue and Firefighting Facility, Airport Equipment and Services Building at FXE.

Construction Administration

From our prior experience working with you we understand that the City typically provides its own inspectors for Construction Administration. However, should the need arise, Kimley-Horn will be there to support you. We are flexible and will scale our services to suite. Should construction phase services be requested, our full-service consulting includes comprehensive construction administration services with staff experienced in all types of construction including taxiway construction. Staffing typically includes the engineer of record, a resident project representative, and support staff capable of administering the contract, conformance with FAA Advisory Circulars (and other applicable rules and regulations) and coordinating with all stakeholders. Kimley-Horn has strong experience as an extension of your staff in the field, our construction phase personnel can attend preconstruction conferences and regular project meetings, review and recommend approval of pay applications, review and respond to shop drawings submittals, respond to requests for information, enforce the contract documents, review and respond to change order requests, ensuring DBE requirements and reporting are being met, and all other activities required to make sure that you achieve well-coordinated construction of proposed improvements—on-time and under budget.

Environmental

Florida's natural environment is unique and diverse and environmental regulations are some of the most complex in the nation. Knowing how to successfully navigate the regulatory maze and providing the appropriate level of documentation is critical to successful project implementation. Kimley-Horn has that knowledge through extensive experience working on complex projects throughout Florida. Our approach is to understand our client's business, the regulatory requirements, and build relationships with the regulatory personnel. Our environmental staff knows Florida—they have provided their services from Pensacola to the Florida Keys. Our environmental staff also knows issues specifically associated with aviation projects and the National Environmental Policy Act (NEPA) process. We know the regional issues, and we interact with federal, state, and local government agencies daily. We stay abreast of current environmental regulations and regularly participate in rule making decisions.

Kimley-Horn maintains an experienced team of environmental scientists, geologists, hydrogeologists, biologists, planners, and field technicians with expertise in a wide range of ecological planning and problem-solving services. The firm's in-house capabilities include, but are not limited to:

- NEPA Compliance
- Listed species survey, permitting, biological assessments, biological opinions and habitat management
- Environmental Resource Permitting
- U.S. Army Corps of Engineers (404) Permitting
- Phase I and Phase II Environmental Site Assessments

Grant Writing and Support Services

Kimley-Horn has a level and breadth of experience with the FAA that few consultants can provide. In fact, two of our team members, **Carlos Maeda, P.E.** and **Mike Carey, P.E.**, were former employees of the FAA. We understand that obtaining successful funding sources is critical to your project. As of 2016, Kimley-Horn has provided assistance to our clients that have resulted in more than $165.5 million in grants and outside funding. We have developed a resource library of information on state and federal funding sources and will assist you in making the most of available resources. Kimley-Horn staff works hand-in-hand with the airports to identify eligible projects and the proper project descriptions and other grant required data to provide FAA with all required grant application information. Our efforts do not stop with the procurement of a grant. The Kimley-Horn team will serve as an extension of staff during the life of the project providing support and documentation services required under the grant assurances. Kimley-Horn has a long and extensive relationship with both the FAA and FDOT. We understand the minimum standards which must be complied with, the grant assurance which must be followed and the reporting requirements during the life of the grants. We routinely support our airport clients with needed grant support activities including on-line reporting and closeout documents.

Sustainable Business Practices

At Kimley-Horn, sustainable and green initiatives are fundamental to our practice. Since 2008, Kimley-Horn has incorporated innovative and sustainable principles into many of our projects. This green initiative stems from our people's passion and seeks to better serve current and potential clients as both our society and industry demand change. Kimley-Horn has been recognized by Engineering News-Record as one of the nation's "Top Green Design Firms" and nearly 100 of our professionals across the firm have earned Leadership in Energy and Environmental Design (LEED) accreditations.

Sustainability at Kimley-Horn

Sustainability is an important part of our business at Kimley-Horn. We define our approach to sustainability in two ways.

First, we are committed to the principles of sustainability. Accordingly, we have a corporate commitment to continually seek a sustainable balance in our daily practices and within our facilities. We strive to minimize our environmental footprint, creating a healthier workplace for our employees and reducing energy expenditures. Ultimately, we seek to achieve the sustainable ideal of improving our triple bottom line—planet, people, and profitability.

Second, we recognize that planning and design of the built environment in today's marketplace must include a focus on sustainability levels. We are committed to assisting our clients by providing the highest level of sustainable design service, with a significant focus on providing exceptional client service as a leader in all of our disciplines.

Corporate Commitment to Sustainability

Kimley-Horn is committed to having a sustainable workplace. We seek to achieve this goal by reducing the negative environmental impacts of our business operations. We believe in creating a corporate mindset that empowers and recognizes individuals and small groups of employees who make good daily decisions that: (1) contribute to a healthier workplace, (2) are environmentally responsible, and (3) save energy and firm resources.

Kimley-Horn has established goals in several areas, including energy usage, disposition of office supplies, impact on transportation, and design of office space. These goals reach across all offices and geographic locations. Individuals who want to make a difference in each office have the freedom to devise solutions to accomplish sustainability goals in the best way for their staff, their community, and their clients. We have adopted a series of strategies and plans to achieve these internal workplace goals.

Develop a Program to Monitor and Improve Our Corporately-Driven Internal Practices

- We evaluate our use of consumer products, seeking to minimize our overall consumption and waste stream impact while making smart choices on the goods we purchase.
- We assess our energy usage and work to decrease our consumption as a firm, reducing both our costs and overall use of fossil fuels.
- We assess our workplace facilities and their impact on the productivity of our employees. Improve our employees' quality of (work) life through improved environmental conditions such as cleaner air, natural lighting, and functional workspaces.
- We develop internal protocols for electronic filing and information management to reduce the consumption of paper, printer toner, and energy used in office equipment such as plotters and printers.
- We investigate providing employees with incentives for using alternative means of transportation (e.g., bus or subway passes, carpool subsidies, or assistance with purchases of bicycles or mopeds).
- We develop a flex-time program for employees that would better facilitate the use of alternative transportation, even if it means adjusting their work hours to accommodate a slightly different commuting schedule.
- We encourage the use of video conferencing and telecommuting, as appropriate, to reduce air and vehicular travel by employees.

Sustainable Design and Green Building Principles for Aviation

We are committed to assisting our clients with sustainable design and green building principles and applying them to projects whenever practicable and in our client's best interest. Kimley-Horn is nationally recognized for our leadership in the realm of sustainable design—we are ranked #35 on the Engineering News-Record 2017 rankings of Top 100 Green Design Firms. We have proven that commitment with the construction of our own Vero Beach, Florida office that received the Silver LEED certification. As for our commitment in applying sustainability to airports, we have been an active participant with the formation of the Sustainable Aviation Guidance Alliance (SAGA) formed by ACI, ACC, and AAAE. The SAGA group was formed to assist airport operators of all sizes in planning, implementing, and maintaining a sustainability program. A searchable database has been compiled by SAGA and provides ideas for hundreds of sustainable practices at airports in areas such as stormwater management, water efficiency, landscape and exterior design, materials and resources, and construction practices.

An example of services being applied to a project can be exemplified by Kimley-Horn's work in Tallahassee. As a general consultant to Tallahassee Regional Airport, we worked with their staff to handle a wide variety of issues ranging from airfield pavements to pavement management to traffic and development of regional impact (DRI) issues. When they asked Kimley-Horn to prepare construction plans for rehabilitating the north and old terminal aprons, they gave us a project that had some very different pavements to deal with. Of the 14.65-acre apron, almost half was old 16-inch-thick concrete overlaid with 3 inches of asphalt. Rather than remove it and start over, Kimley-Horn's plans called for the concrete to be rubblized in place and reused it as a new base course. Rubblization minimizes delays for airport tenants and operations, and is a

very cost-effective technique compared to typical reconstruction options. It also reuses a material that would otherwise end up in the landfill and avoid the environmental impacts of removing the concrete and replacing it with virgin material. The project was completed on time and within budget and in August 2010, Ken Austin, the former Airport Director, accepted the first Florida Airport Council Environmental Award for Air Carrier Airports for the project.

When Fort Lauderdale Executive Airport made the decision to construct a new aviation equipment and service facility, the airport decided to apply for LEED certification for the 7,421-square-foot building on a 2.1-acre site. Kimley-Horn worked with the city's architects completing design of both landside and airside elements including utilities, drainage, parking, and an aircraft/equipment ramp and taxiway connector.

Why Team with Kimley-Horn?

Kimley-Horn is a full-service consulting firm with 84 offices located across the nation. Our professionals provide local knowledge backed by the comprehensive resources and talented staff only a national firm can offer. Listed below are just some of the reasons to team with Kimley-Horn:

- ✓ The continuity of 17 years' worth of design experience at your airport (13 of which we served as your general consultant).
- ✓ You will continue to have an experienced, client-oriented project manager to serve you. **Tom O'Donnell, P.E.**, will be accessible and accountable to you throughout this contract.
- ✓ You will be served by a team of pavement experts who perform this type of work every day. Furthermore, we have been trusted by the state to evaluate nearly all of their general aviation airport's pavements for the last seven years.
- ✓ We understand the intricacies of the permitting process. Your Kimley-Horn team will include individuals who have local knowledge of the permitting and review process or have successfully dealt with the decision-making agencies involved with your project.
- ✓ Your budget is important to us. We consistently complete projects on time and on budget.
- ✓ We are a small enough firm to provide you with the individual attention you deserve, yet large enough to tackle even the most complex project.

Honesty, integrity, ethics, and exceptional client service are more than just our core values; they are a way of life at Kimley-Horn.

M/WBE and DBE Participation

Kimley-Horn and Associates, Inc. is not a M/WBE or DBE firm. However, four of the subconsultants that comprise our team are M/WBE or DBE firms. More information on our commitment to supporting disadvantaged firms can be found in Section 7 of this submittal. Also, copies of their current certifications can be found in Section 7.

Standard Form 330

As requested, we have included a complete Standard Form 330 with our response, which includes details on similar past projects. Per the Request for Qualifications, SF 330 Part I, Section E is included in Tab 4 of this submittal.

Team Licenses/Certificates

Kimley-Horn

State of Florida
Board of Professional Engineers
Attests that
Kimley-Horn & Associates, Inc.
FBPE
Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.
Expiration: 2/28/2019 CA Lic. No: 696
Audit No: 228201901966 R

RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE
LICENSE NUMBER
LCC000219
The LANDSCAPE ARCHITECT BUSINESS Named below HAS REGISTERED Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2019
KIMLEY-HORN AND ASSOCIATES INC
421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 24601
ISSUED: 11/06/2017 DISPLAY AS REQUIRED BY LAW SEQ # L1711050001566

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
License No.: LB696
Expiration Date February 28, 2019
Professional Surveyor and Mapper Business License
Under the provisions of Chapter 472, Florida Statutes
KIMLEY-HORN AND ASSOCIATES, INC.
3001 WESTON PKWY
CARY, NC 27513-2301
ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE
This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS
LICENSE NUMBER
GB175
The GEOLOGY BUSINESS Named below IS CERTIFIED Under the provisions of Chapter 492 FS.
Expiration date: JUL 31, 2018
KIMLEY-HORN AND ASSOCIATES INC
5302 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 27601
ISSUED: 07/25/2016 DISPLAY AS REQUIRED BY LAW SEQ # L1607250001560

Kimley-Horn has renewed this document and is waiting to receive the new certificate.

State of Florida
Department of State

I certify from the records of this office that KIMLEY-HORN AND ASSOCIATES, INC. is a North Carolina corporation authorized to transact business in the State of Florida, qualified on April 24, 1968.

The document number of this corporation is 821359.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on April 28, 2017, and that 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 Twenty-fourth day of May, 2017

Secretary of State

Tracking Number: CU0437258165

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

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

U.S. Green Building Council
Kimley-Horn and Associates, Inc.
Member Since 2006
THE U.S. GREEN BUILDING COUNCIL IS THE NATION'S FOREMOST COALITION OF LEADERS WORKING TO TRANSFORM THE WAY BUILDINGS AND COMMUNITIES ARE DESIGNED, BUILT AND OPERATED, ENABLING AN ENVIRONMENTALLY AND SOCIALLY RESPONSIBLE, HEALTHY, AND PROSPEROUS ENVIRONMENT THAT IMPROVES THE QUALITY OF LIFE.
Chairman
S. Richard Fedrizzi, President, CEO and Founding Chairman

Kimley-Horn (continued)

State of Florida
Board of Professional Engineers
Attests that
Thomas F. O'Donnell , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201908123 R
P.E. Lic. No: 62478

State of Florida
Board of Professional Engineers
Attests that
Lyndon Michael Carey , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201918828 R
P.E. Lic. No: 35487

State of Florida
Board of Professional Engineers
Attests that
Eileen Marie Velez-Vega , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201925652 R
P.E. Lic. No: 68333

State of Florida
Board of Professional Engineers
Attests that
Gary R. Ratay , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201903202 R
P.E. Lic. No: 46682

State of Florida
Board of Professional Engineers
Attests that
Stefano F. Viola , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201907102 R
P.E. Lic. No: 74655

State of Florida
Board of Professional Engineers
Attests that
Adam B. Kerr , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201925178 R
P.E. Lic. No: 64773

State of Florida
Board of Professional Engineers
Attests that
Carlos E. Maeda , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201922699 R
P.E. Lic. No: 41381

RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE
LICENSE NUMBER
LA6666795
The LANDSCAPE ARCHITECT
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2019
HAIGH, JONATHAN DAVID
1920 WEKIVA WAY
STE 200
WEST PALM BEACH FL 33411
ISSUED: 09/05/2017
DISPLAY AS REQUIRED BY LAW
SEQ # L1709050001267

Florida dbpr
DBPR ONLINE SERVICES
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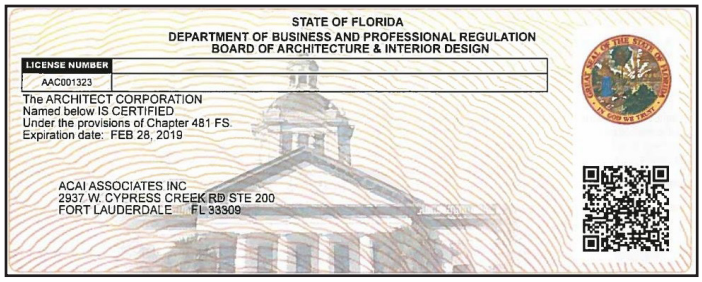
AB&T Delinquent Invoice & Activity List Search
Licensee Details
Licensee Information
Name: LOPEZ CRUZ, STEPHANIE NICOLE (Primary Name)
Main Address: 1380 SW 82ND TER 732 PLANTATION Florida 33324
County: BROWARD
License Mailing:
LicenseLocation:
License Information
License Type: Professional Engineer
Rank: Prof Engineer
License Number: 84685
Status: Current,Active
Licensure Date: 03/07/2018
Expires: 02/28/2019

ACAI Associates, Inc.

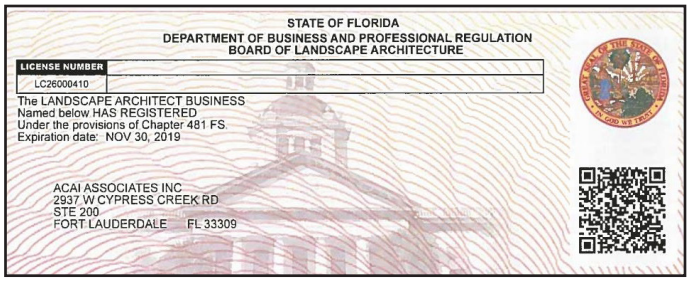


STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AAC001323

The ARCHITECT CORPORATION
Named below IS CERTIFIED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2019

ACAI ASSOCIATES INC
2937 W. CYPRESS CREEK RD STE 200
FORT LAUDERDALE FL 33309



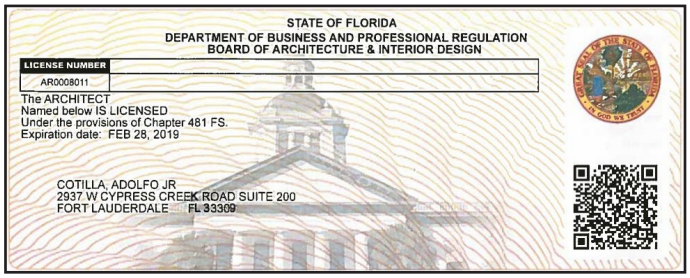
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER
LC26000410

The LANDSCAPE ARCHITECT BUSINESS
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2019

ACAI ASSOCIATES INC
2937 W CYPRESS CREEK RD
STE 200
FORT LAUDERDALE FL 33309

State of Florida
Board of Professional Engineers
Attests that
ACAI Associates, Inc.
FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS
Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.
Expiration: 2/28/2019
Audit No: 228201905209 R
CA Lic. No: 4379

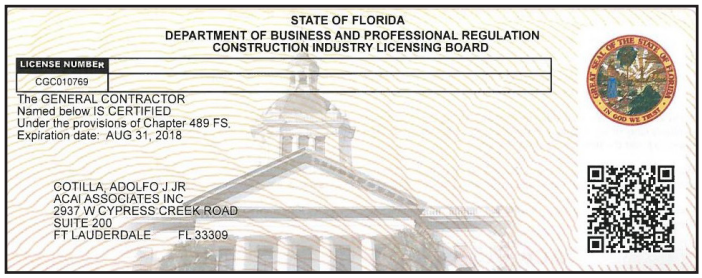


STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AR0008011

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2019

COTILLA, ADOLFO JR
2937 W CYPRESS CREEK ROAD SUITE 200
FORT LAUDERDALE FL 33309

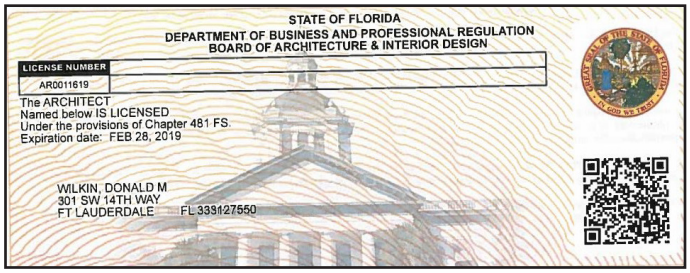


STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER
CGC010769

The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

COTILLA, ADOLFO J JR
ACAI ASSOCIATES INC
2937 W CYPRESS CREEK ROAD
SUITE 200
FT LAUDERDALE FL 33309



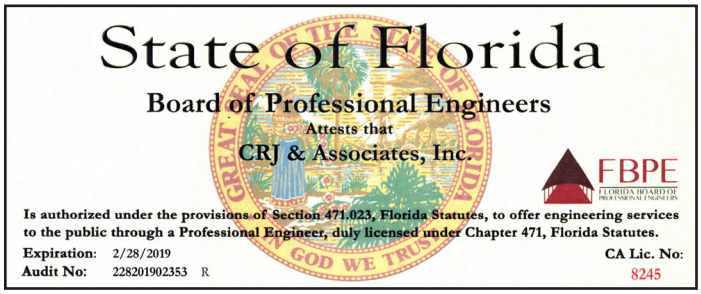
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AR0011619

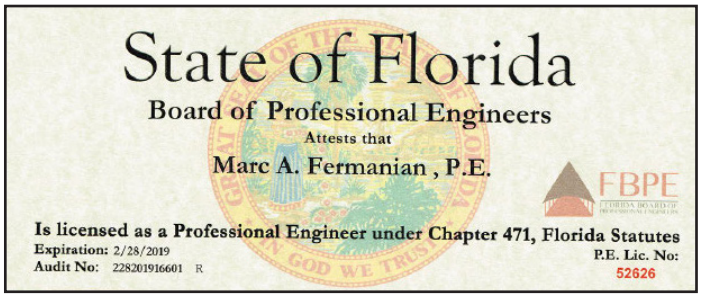
The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2019

WILKIN, DONALD M
301 SW 14TH WAY
FT LAUDERDALE FL 3331127550

CRJ & Associates, Inc.



State of Florida
Board of Professional Engineers
Attests that
CRJ & Associates, Inc.
FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS
Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.
Expiration: 2/28/2019
Audit No: 228201902353 R
CA Lic. No: 8245



State of Florida
Board of Professional Engineers
Attests that
Marc A. Fermanian , P.E.
FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201916601 R
P.E. Lic. No: 52626

Hillers Electrical Engineering, Inc.

State of Florida
Department of State

I certify from the records of this office that HILLERS ELECTRICAL ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on February 16, 1994.

The document number of this corporation is P94000013888.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on March 12, 2018, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twelfth day of March, 2018

Ken Detzner
Secretary of State

Tracking Number: CC3402909547

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

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

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State of Florida
Board of Professional Engineers
Attests that
Hillers Electrical Engineering, Inc.
FBPE
Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.
Expiration: 2/28/2019
Audit No: 228201900738 R
CA Lic. No: 6877

State of Florida
Board of Professional Engineers
Attests that
Amy L. Champagne-Baker , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201904264 R
P.E. Lic. No: 73735

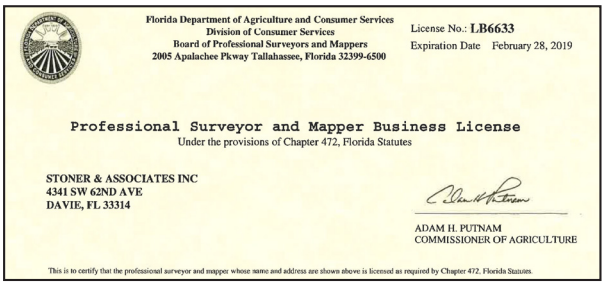
State of Florida
Board of Professional Engineers
Attests that
James W. Kappes , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201902120 R
P.E. Lic. No: 71499

Quantum Spatial, Inc.

THE FEDERAL AVIATION ADMINISTRATION (FAA)
This is to certify that
Doug Fuller
has successfully completed all requirements of the
FAA INTEGRATED DISTANCE LEARNING ENVIRONMENT (IDLE)
online training course, and is hereby awarded this
CERTIFICATE OF COMPLETION
Given on this 10th *day of* June *in the year* 2010
Certificate No. FAAIDLE20100610-00009
FAA IDLE Training Administrator
Michael J. O'Donnell
Director, Office of Airport Safety and Standards, AAS-1

THE FEDERAL AVIATION ADMINISTRATION (FAA)
This is to certify that
Marlin Zook
has successfully completed all requirements of the
FAA INTEGRATED DISTANCE LEARNING ENVIRONMENT (IDLE)
online training course, and is hereby awarded this
CERTIFICATE OF COMPLETION
Given on this 23rd *day of* June *in the year* 2010
Certificate No. FAAIDLE20100623-00014
FAA IDLE Training Administrator
Michael J. O'Donnell
Director, Office of Airport Safety and Standards, AAS-1

Stoner & Associates, Inc.



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

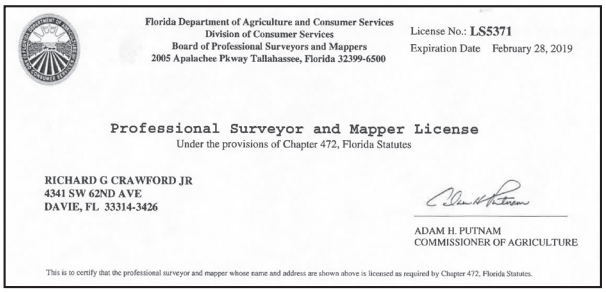
License No.: LB6633
Expiration Date February 28, 2019

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

STONER & ASSOCIATES INC
4341 SW 62ND AVE
DAVIE, FL 33314

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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

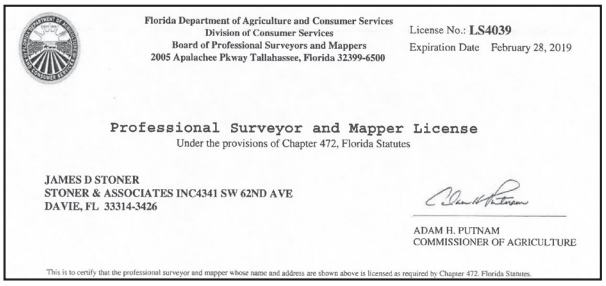
License No.: LS5371
Expiration Date February 28, 2019

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

RICHARD G CRAWFORD JR
4341 SW 62ND AVE
DAVIE, FL 33314-3426

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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

License No.: LS4039
Expiration Date February 28, 2019

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

JAMES D STONER
STONER & ASSOCIATES INC4341 SW 62ND AVE
DAVIE, FL 33314-3426

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

BROWARD COUNTY FLORIDA

Office of Economic and Small Business Development

Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

This Certificate is Awarded to:

STONER & ASSOCIATES, INC.

As set forth in the Broward County Business Opportunity Act of 2012, the certification requirements have been met for:

County Business Enterprise (CBE)
Anniversary Date: June 19th

Authorized Representative

The Office of Economic and Small Business Development must be notified within 30 days of any material changes in the business which may affect ownership and control. Failure to do so may result in the revocation of this certificate and/or imposition of other sanctions.

A Service of the Broward County Board of County Commissioners
www.broward.org/smallbusiness

Tierra South Florida, Inc.

State of Florida
Department of State

I certify from the records of this office that TIERRA SOUTH FLORIDA, INC. is a corporation organized under the laws of the State of Florida, filed on October 7, 2003, effective October 17, 2003.

The document number of this corporation is P03000110144.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 2, 2018, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

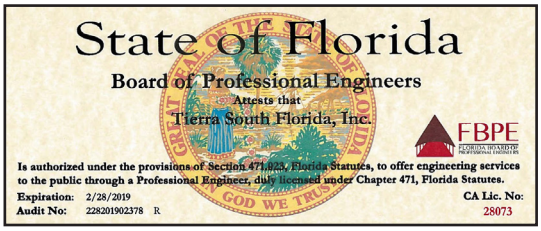
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Second day of January, 2018

Secretary of State

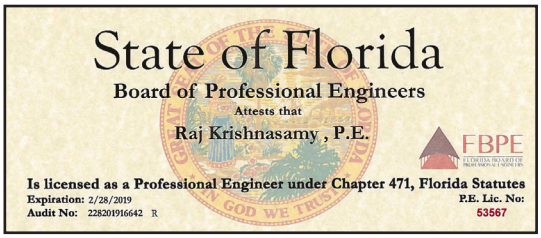
Tracking Number: CC2804829417

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

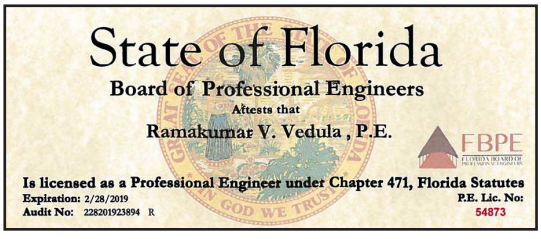
https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication



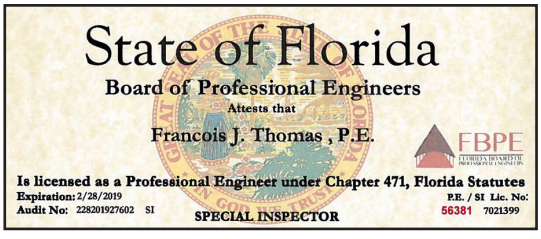
State of Florida
Board of Professional Engineers
Attests that
Tierra South Florida, Inc.
FBPE
Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.
Expiration: 2/28/2019
Audit No: 228201902378 R
CA Lic. No: 28073



State of Florida
Board of Professional Engineers
Attests that
Raj Krishnasamy , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201916642 R
P.E. Lic. No: 53567



State of Florida
Board of Professional Engineers
Attests that
Ramakumar V. Vedula , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201923894 R
P.E. Lic. No: 54873



State of Florida
Board of Professional Engineers
Attests that
Francois J. Thomas , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201927602 SI
P.E. / SI Lic. No: 56381 7021399
SPECIAL INSPECTOR

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*
Fort Lauderdale General Engineering Aviation Consultant 2018

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER
RFQ #12120-986

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE
Tom O'Donnell, P.E., Engineer

5. NAME OF FIRM
Kimley-Horn and Associates, Inc.

6. TELEPHONE NUMBER
954.535.5100

7. FAX NUMBER
561.863.8175

8. E-MAIL ADDRESS
Tom.ODonnell@kimley-horn.com

C. PROPOSED TEAM

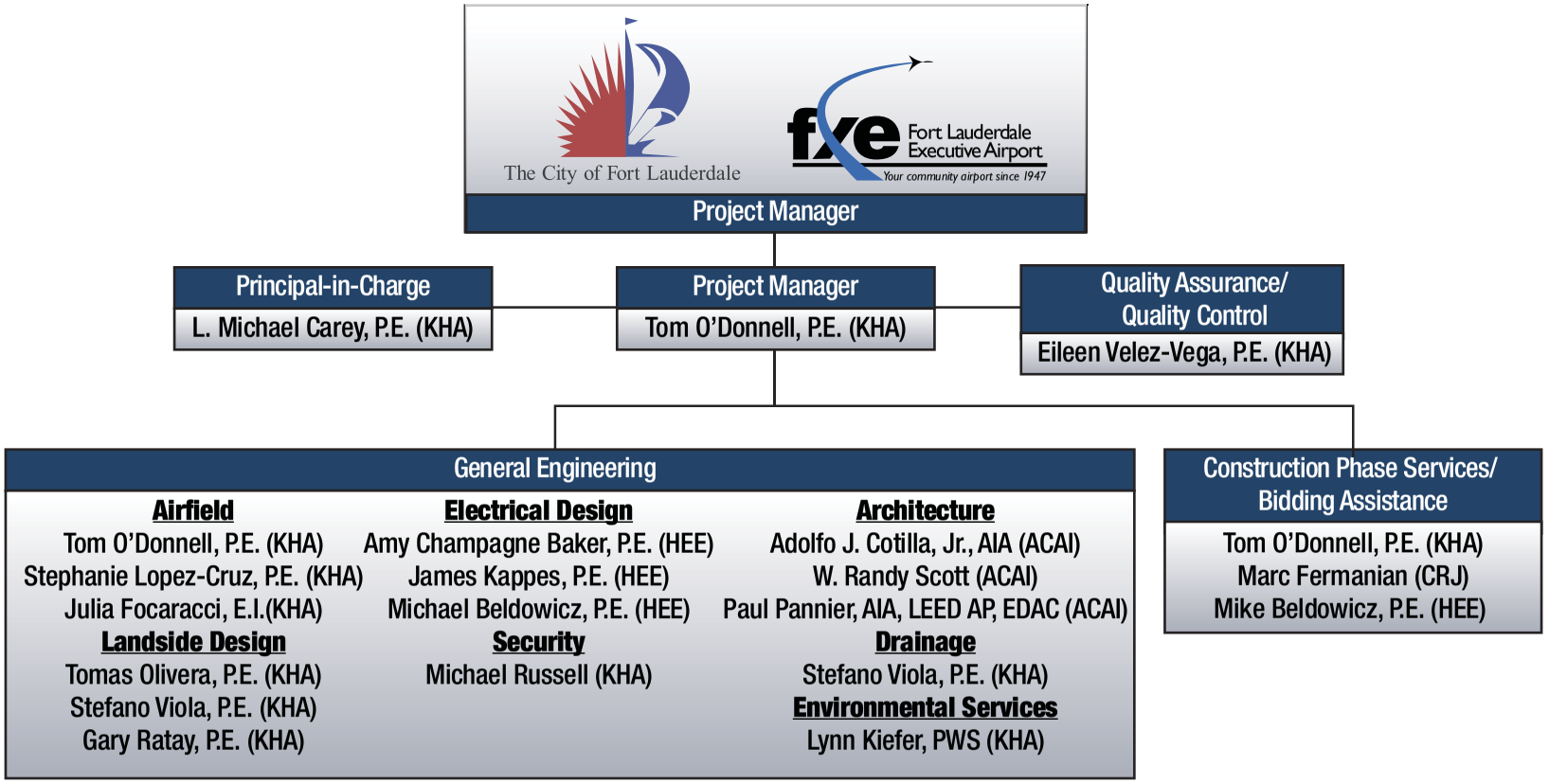
(Complete this section for the prime contractor and all key subcontractors.)

	(Check) PRIME	(Check) J-V PARTNER	(Check) SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	X			Kimley-Horn and Associates, Inc. **[X]** CHECK IF BRANCH OFFICE	600 North Pine Island Road Suite 450 Plantation, FL 33324	Project Management, Principal-in-Charge, Airfield Engineering, Landside Design, Security, Drainage, Construction Phase Services/Bidding Assistance
b.	X			Kimley-Horn and Associates, Inc. **[X]** CHECK IF BRANCH OFFICE	1920 Wekiva Way Suite 200 West Palm Beach, FL 33411	Traffic, Landscape Architecture
c.	X			Kimley-Horn Puerto Rico, LLC (KHPR) **[X]** CHECK IF BRANCH OFFICE	Millennium Park Plaza Suite 435, Metro Office Park #15 Second Street Guaynabo, PR 00968	Quality Assurance/Quality Control
d.	X			Kimley-Horn and Associates, Inc. **[X]** CHECK IF BRANCH OFFICE	445 24th Street Suite 200 Vero Beach, FL 32960	Environmental Services
e.	X			Kimley-Horn and Associates, Inc. **[X]** CHECK IF BRANCH OFFICE	189 South Orange Avenue Suite1000 Orlando, FL 32801	Grant/DBE Support
f.			X	ACAI Associates, Inc. **[ ]** CHECK IF BRANCH OFFICE	2937 West Cypress Creek Road Suite 200 Ft. Lauderdale, FL 33309	Architecture
g.			X	CRJ & Associates, Inc. **[ ]** CHECK IF BRANCH OFFICE	CRJ & Associates, Inc. 2699 Stirling Road - Suite B-201 Fort Lauderdale, FL 33312	Construction Phase Services/Bidding Assistance

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] *(Attached)*

C. PROPOSED TEAM *(Complete this section for the prime contractor and all key subcontractors.)*						
	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THISCONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
h.			**X**	Dickey Consulting Services, Inc. **[ ]** CHECK IF BRANCH OFFICE	1033 NW 6th Street Suite 206 Fort Lauderdale, FL 33311	Grant/DBE Support
i.			**X**	Hillers Electrical Engineering, Inc. **[ ]** CHECK IF BRANCH OFFICE	23257 State Road 7 Suite 100 Boca Raton, FL 33428	Electrical Design
j.			**X**	Stoner and Associates, Inc. **[ ]** CHECK IF BRANCH OFFICE	4341 SW 62nd Avenue Davie, FL 33314	Surveying
k.			**X**	Tierra South Florida, Inc. **[ ]** CHECK IF BRANCH OFFICE	2765 Vista Parkway Suite 9 West Palm Beach, FL 33411	Geotechnical Services
l.			**X**	Quantum Spatial, Inc. **[X]** CHECK IF BRANCH OFFICE	10033 MLK Street North Suite 200 St. Petersburg, FL 33716	aGIS/eALP



Support Services

Surveying
James Stoner, PSM (SA)
Richard Crawford, PSM (SA)

aGIS/eALP
Robert Vander Meer (QS)
Marlin Zook, PLS, CP (QS)
Doug Fuller, CMS, CP (QS)

Traffic
Adam Kerr, P.E. (KHA)

Geotechnical Services
Raj Krishnasamy, P.E. (TSF)
Ramakumar Vedula, P.E. (TSF)

Grant/DBE Support
Sheryl Dickey (DCS)
Carlos Maeda, P.E. (KHA)

Landscape Architecture
Jonathan Haigh, RLA, ASLA (KHA)

LEGEND

KHA	Kimley-Horn and Associates, Inc.
ACAI	ACAI Associates, Inc. (DBE, M/WBE)
CRJ	CRJ & Associates, Inc. (DBE)
DCS	Dickey Consulting Services, Inc. (DBE, M/WBE)
HEE	Hillers Electrical Engineering, Inc.
QS	Quantum Spatial
SA	Stoner & Associates, Inc.
TSF	Tierra South Florida, Inc. (DBE, MBE)

Kimley»Horn

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER 1

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
Fort Lauderdale FXE Taxiway Foxtrot Pavement Rehabilitation, Fort Lauderdale, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Fort Lauderdale	Fernando Blanco	954.828.6536

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

Taxiway Foxtrot was exhibiting multiple types of distresses which collectively were causing the pavement to be deficient. The distresses consist of longitudinal and transverse cracking, alligator cracking, patching, rutting, raveling and weathering. Kimley-Horn provided design and construction phase services to rehabilitate 4,500 linear feet of Taxiways Foxtrot, Bravo, Papa, and Lima. The project consists of milling and overlying P-401 bituminous asphalt pavement along the western portion of Taxiway Foxtrot. Fillets were designed to bring the intersection of Taxiways Foxtrot and Bravo and the Taxiway Foxtrot curve north of Runway 13-31 into conformance with current Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A, Change 1. The new fillets require the relocation of airfield guidance signs and taxiway edge lights. P-608 seal coating will be applied to Taxiway F5 north of the Runway 13-31's safety area.

Cores were taken on the existing pavement to determine the asphalt's thickness, the depth of the cracks, and the damage to the underlying layers. This information was used to determine what degree of rehabilitation which would be required.

Kimley-Horn used the FAA's Rigid and Flexible Iterative Elastic Layered Design (FAARFIELD) modeling program to determine if the existing pavement sections would be adequate to meet future loading requirements. Based on the analyses, 2 inches of additional asphalt was recommended for the taxiways.

Construction is currently ongoing. Kimley-Horn is providing construction phase services for general contract administration, shop drawing review, review of the asphalt plant, responding to requests for information, coordination of meetings, construction observation with a resident project representative, material testing, pay application reviews, and preparation of close out documentation.

Construction Cost: $2,190,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	West Palm Beach, FL	Project Management, Design, and Contract Administration Services
b.	Kimley-Horn	Plantation, FL	Principal-in-Charge and Resident Project Representative
c.	Kimley-Horn Puerto Rico, LLC (KHPR)	Guaynabo, PR	QA/QC Engineering
d.	Dickey Consulting Services, Inc.	Fort Lauderdale, FL	DBE Compliance
	Hillers Electrical Engineering, Inc.	Boca Raton, FL	Electrical
e.	Tierra South Florida, Inc.	West Palm Beach, FL	Geotechnical

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: 2

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

Fort Lauderdale Executive Airport (FXE) Taxiway Charlie and Delta Rehabilitation, Fort Lauderdale, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2011	2012

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Fort Lauderdale	Clara Bennett	954.828.4969

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

Taxiways Charlie and Delta as well as their associated taxiway connectors were showing severe signs of longitudinal and transverse cracking, depressions, and weathering. Kimley-Horn provided design and construction phase services to rehabilitate 1,985 linear feet of Taxiway Charlie and 1,620 linear feet of Taxiway Delta. The project consisted of milling and overlaying existing bituminous pavements, grade correction, pavement striping, new airfield signage, and replacing all edge lighting with LED lights. Additionally, a mid-field run-up area was repaved and marked. Asphalt millings from the project were used to armor the berm adjacent to that run-up area, cost effectively eliminating an issue of blowing sand that occurred when jets used the area and reducing the amount of waste material that needed to be trucked off the airport. Paved shoulders along Taxiway Delta were treated with GSB-88 to preserve the pavement condition while minimizing costs.

Asphalt pavement cores were taken on the existing pavement to determine asphalt thickness, the depth of the cracks, and the damage to the underlying layers to determine what degree of rehabilitation would be required. The FAA Rigid and Flexible Iterative Elastic Layered Design (FAARFIELD) modeling program was used to create pavement models and determine if the existing pavement sections would be adequate to meet future loading requirements. Based on the analyses, additional asphalt strengthening was recommended for portions of the taxiways.

As part of the project, an existing taxiway edge "apron" was removed and three full strength taxiway connectors were constructed to the east shoulder of Taxiway Charlie to eliminate the possibility of aircraft parking within the Taxiway Safety Area. Careful construction phasing was required as access to tenant/fixed base operator ramps and the Customs ramp needed to be maintained during daylight hours.

During construction, Kimley-Horn worked with the City staff and City Resident Project Representative providing construction phase services including general contract administration, shop drawing review, preproduction inspection of the asphalt plant, coordination of meetings, periodic inspections, testing and preparation of close out documentation.

Construction commenced in spring 2012 and was concluded in December 2012. The project was completed on time, and was under budget with no change orders being issued.

Cost: $1.68 million (construction)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	West Palm Beach, FL	Airfield Engineering, Design
b.	Kimley-Horn Puerto Rico, LLC (KHPR)	Guaynabo, PR	Project Management
c.	Kimley-Horn	Orlando, FL	Airfield Engineering
d.	Hillers Electrical Engineering, Inc.	Boca Raton, FL	Electrical
e.	Tierra South Florida, Inc.	West Palm Beach, FL	Geotechnical

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER 3

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
City of Fort Lauderdale Executive Airport (FXE) **General Engineering Consultant**	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Fort Lauderdale	Clara Bennett	954.828.4969

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

Kimley-Horn was retained by the City of Fort Lauderdale under a general services contract for their Executive Airport. FXE is a high traffic general aviation airport located in close proximity to the Fort Lauderdale-Hollywood International Airport (FLL). Our aviation specialists use their nationwide expertise to assist the airport for a variety of improvement projects and studies. Under this contract Kimley-Horn has provided services on several service orders including the following:

Runway 9-27 (formerly 8-26) Rehabilitation. Kimley-Horn provided the design and construction phase services for the rehabilitation of primary Runway 8-26, construction of paved shoulders and blast pads, and the relocation of Taxiway Hotel. Construction for the runway rehabilitation was performed on a continuous 24-hour basis under total runway closure. Multiple pavers and milling machines were utilized to accomplish all work in 11 calendar days in July 2004. Kimley-Horn senior engineering and inspection staff provided oversight and quality assurance during three daily shift of work.

Runway 13-31 Rehabilitation. Kimley-Horn provided design and construction phase services for the rehabilitation of cross runway 13-31. The project consisted of milling and overlay of Runway 13-31, including grooving of the entire runway length. Taxiway connectors were also rehabilitated past the runway safety area. Also included construction of new blast pads on both ends of the runway. Construction limits were from the south end of runway 31 to the southern limits of the runway 8-26 safety area. The north end of runway 13-31 had previously been rehabilitated as part of the runway 8-26 rehabilitation project to minimize operational impacts associated with this project. This phasing allowed the project to be completed without the need to close the main runway. The inclusion of the taxiway connectors allowed future rehabilitation of the taxiways without the need to close runway 13-31 again minimizing operational impacts. The project also included new runway end indicator lights and obstruction lighting on the existing blast deflector.

Airfield Pavement Management System. Kimley-Horn prepared an Airport Pavement Management System for all airport maintained airfield pavements at Fort Lauderdale Executive Airport. The objective of this system is to prioritize maintenance and rehabilitation work to make optimal use of limited maintenance and reconstruction funds. The airfield pavements were divided into a network of branches, sections and sample units. Field observations were then made of a percentage of the sample units to observe pavement conditions and to record distresses found in the pavement. Based on that data, MicroPaver was used to assign a Pavement Condition Index (PCI) number and to prioritize rehabilitation based on condition and traffic. Several Maintenance and Repair programs were developed based on different funding levels to allow the airport to input needs into its capital improvement program in a time frame that maximizes pavement life when balanced against available funding.

Security Improvement Project. Kimley-Horn prepared construction plans and provided construction phase services for a fiber optic loop system around Fort Lauderdale Executive Airport (FXE). The system included a new central computer system and database to control 28 vehicle gates around the airport. The system is Ethernet/IP based and includes the flexibility for future modifications, including security cameras and data exchange. Approximately six miles of fiber optic cable was installed, and the system is now complete and fully functional. Initially, FXE hired Kimley-Horn to provide an airfield safety, security, and access study to develop a plan that improved airport safety and reduced surface incidents by implementing an improved access control and security system into the FXE airside area. To achieve that goal, Kimley-Horn completed the following steps: Collected data/took inventory, including condition of existing equipment, existing signing and marking, traffic volumes, and interviews with FBOs and FXE staff Evaluated/analyzed existing airport conditions. Researched various technologies that could help reduce the surface incident rate. Developed four implementation packages; an opinion of probable costs for each implementation package; and a concept plan for the recommended approach.

Continues next page.

Based FXE's objectives, Kimley-Horn recommend an approach to minimize labor requirements for operation and provide the infrastructure to allow future upgrades at a minimum cost. In addition, the system flexibility provided opportunities not only to address tenant needs and requirements, but also to incorporate existing operating procedures.

The firm's long-standing relationship with the City of Fort Lauderdale to provide other engineering services has enabled Kimley-Horn to quickly and seamlessly serve the City and its aviation needs.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	West Palm Beach, FL	Prime
b.	Kimley-Horn	Plantation, FL	Prime
c.	Kimley-Horn Puerto Rico, LLC (KHPR)	Guaynabo, PR	Prime
d.	Kimley-Horn	Vero Beach, FL	Prime
e.	Kimley-Horn	Orlando, FL	Prime
f.	Hillers Electrical Engineering, Inc.	Boca Raton, FL	Electrical

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER 4

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Naples Municipal Airport (APF) Runway 5-23 Threshold Improvements, Naples, FL	2012	2012

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Naples Airport Authority	Kerry Keith	239.643.1827

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

Kimley-Horn provided design and construction-phase services for the Naples Municipal Airport Runway 5-23 Threshold Improvements project. This project included improving the existing 290-foot threshold displacement on the Runway 5 end by 510 feet and creating an 800-foot displaced threshold on the Runway 23 end of the runway. Both paved displaced thresholds were 150 feet wide and included a 100-foot by 150-foot blast bad at each end. Additional work on the project included 50' wide extensions of Taxiway A and Taxilane D to provide access to the improved displaced thresholds.

Specific elements associated with threshold improvements project included:

- Clearing, grubbing, and earthwork
- New bituminous asphalt pavement construction
- Runway grooving
- Pavement markings
- Drainage improvements including the creation of new on-site stormwater areas and the installation of culverts
- Erosion control
- Installation of runway lighting and signage for the displaced thresholds and taxiways

Kimley-Horn design services included preparing construction plans and specifications for the design of the threshold improvements and associated work, revisions to the Airport Layout Plan, and an environmental assessment (EA). The EA included detailed gopher tortoise and burrowing owl surveys, Phase I environmental site assessments, cumulative impact assessments, detailed alternatives analysis, and public involvement. The EA resulted in the issuance of a Finding of No Significant Impact (FONSI) and allowed the development to proceed with minimal mitigation efforts.

Cost: $2.3 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	West Palm Beach, FL	Project management and design services
b.	Kimley-Horn	Vero Beach, FL	Design and environmental services
c.	Kimley-Horn	Orlando, FL	Design services
d.	Hillers Electrical Engineering, Inc.	Boca Raton, FL	Electrical engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER 5

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Daytona Beach International Airport, Cutover of Taxiway Y and Relocation of Taxiways E2 and W2, Daytona Beach, FL	2012	2013

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Volusia County	Karen Feaster	386.248.8030, ext. 18304

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

Kimley-Horn provided design, bidding, and construction phase services for the construction of Taxiways Y, W2, and E2 at the Daytona Beach International Airport—approximately 12,000 SY of new bituminous P-401 pavement. Design elements included reducing the confusion related to the signage at the intersection of Taxiway Whiskey and Taxiway Sierra by adding signage and markings, constructing a cutover Taxiway Y connecting Taxiway S and W, and relocating Taxiways W2 and E2.

Prior to construction, Kimley-Horn led a detailed discussion covering the project's complete scope of work. The work would require the closing of Runway 16-34 (the airport's cross-wind runway) and parallel Taxiways W and E (critical taxiways that are the only connection between the north and south sides of the airfield). Accordingly, Kimley-Horn paid careful attention to the project's phasing. Special attention was given to the contractor's hours of operation, schedule for work (including what infrastructure would be closed and when), the airport's requirements for closing infrastructure, and Advisory Circular 150/5370-2F Operational Safety on Airports During Construction. Kimley-Horn also walked attendees through the recent changes to the AC 150/5370-2F.

Kimley-Horn also participated in a stakeholders meeting that was attended by representatives from FAA, FDOT, Delta Air Lines, US Airways, Embry-Riddle Aeronautical University, NASCAR, Sheltair (FBO), ATP Jet Center (FBO), and others. During the meet-ing, Kimley-Horn led discussions regarding the project's scope of work and phasing.

Once Notice to Proceed was given to the contractor, Kimley-Horn's responsibilities included reviewing and responding to Requests for Information (RFIs), reviewing shop drawings and submittals, reviewing change order requests, performing periodic field visits to review conformance with contract documents, completing FAA quarterly progress reports, and attending construction coordination meetings.

During the construction of Taxiway E2, the contractor unearthed several large tree trunks while preparing the taxiway's base for construction. This was an unforeseen field condition which required immediate attention as the contractor could not proceed until the issue was resolved. Upon being notified, Kimley-Horn traveled on a Sunday evening to Daytona to be on site first thing on Monday morning to tour the found condition and determine a solution. Ultimately, Kimley-Horn decided that the best and most economical solution would be to excavate and remove the organic material and replace it with clean fill. The field directive required revisions to plans, including regrading certain areas where the organic material was found. Similarly, clay was found while the contractor was excavating to construct the connections of Taxiways W2 and E2 to Runway 16-34. The material was poor construction material and Kimley-Horn determined that the most economical method for correcting the existing condition was to excavate and remove the clay. These two construction issues were resolved quickly with minimal impacts to construction schedule and cost. They serve as examples of Kimley-Horn's dedication to resolving construction issues immediately and ensuring that projects stay on schedule.

Cost: $1,600,000 (construction)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	West Palm Beach, FL	Airside Engineering and Construction Administration
b.	Kimley-Horn	Plantation, FL	Landside Engineering
d.	Kimley-Horn	Orlando, FL	FAA Coordination

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER 6

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Belle Glade State Municipal Airport, General Engineering Services, Belle Glade, FL	Ongoing	(See below)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Belle Glade	Larry Tibbs	(561) 992-1610

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

Kimley-Horn is currently serving as general engineering aviation consultant and extension of staff for the Belle Glade State Municipal Airport (X10). Several services orders have assigned and completed by Kimley-Horn including the following three tasks:

Runway 9-27 Rehabilitation. The pavement on Runway 9-27, the airport's only runway, was in disrepair and was creating a potentially unsafe condition for operations. Despite the name of the project, the condition of the pavement was so poor that runway reconstruction was required due to loading, climate, and age distresses. In addition to the runway's pavement deficiencies, its geometry and pavement markings did not meet current FAA standards. The runway was also situated so an adjacent property encroached onto the runway's "object free area." The approach to Runway 9 was also obstructed by powerlines and tall trees.

Kimley-Horn provided design services to correct all these deficiencies. Full-depth pavement reconstruction was performed to address the pavement distresses. The original runway was demolished and realigned 35 feet to the south and 100 feet to the east, allowing the airport to correct its object-free area and obstruction issues. The runway was also widened to 60 feet to address FAA requirements and shortened slightly, on the west end, to mitigate other approach obstruction issues. The final dimensions for the runway are 3,450 feet by 60 feet, meeting all FAA General Aviation Facility requirements. Kimley-Horn also provided construction phase services and a fulltime resident project representative to observe work. Construction Cost: $1,980,000. Design was completed in 2016 and construction was completed in 2017

Solar Power Lighting Project. Prior to this project, Belle Glade State Municipal Airport was not lighted for nighttime operations. Per the airport's capital improvement plan, $800,000 was earmarked for a future project to address this matter. City and State officials, however, anticipated that procuring the funds to install lighting would be difficult. Kimley-Horn, however, found an innovative solution for the lighting issue. For less money than would be required to design a conventional incandescent airfield lighting system, a solar LED lighting system could be designed, purchased, and installed. This project was the first time a solar-powered aviation lighting system has been installed at a publicly-owned airport in Florida. The Florida Department of Transportation is currently performing a study to determine if this solar lighting system is viable for other rural, unlit general aviation airports. Kimley-Horn's responsibilities consisted of designing the system and observing its installation. Construction Cost: $126,000. Design was completed in 2016 and construction was completed in 2017.

Environmental Contamination Assessment and Mediation Planning. The western section of the airfield is heavily contaminated with several organochlorine pesticides (OCPs), including toxaphene and dichloro–diphenyl–trichloroethane (DDT). Kimley–Horn helped secure funding from the Florida Department of Transportation (FDOT) to allow for completion of additional site assessment, soil pilot study, feasibility study, and remediation design at the facility. Kimley-Horn is currently in the process of completing a feasibility study evaluating several options for remediation of soil. The feasibility study includes evaluation of future use plans for the facility and integration of site future development with cleanup. Work is ongoing for this task.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	West Palm Beach, FL	Project Management, Airfield Design, and Security Design Services
b.	Kimley-Horn	Jacksonville, FL	Environmental
c.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER 7

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Lee County Port Authority, Southwest Florida International Airport (RSW), Apron Expansion and Airfield Improvements, Fort Myers, FL	2009	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Lee County Port Authority	Mark Fisher	239.590.4600

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

Kimley-Horn was selected for a seven-year contract to evaluate and expand the airside facilities to accommodate growth at the new midfield terminal complex at Southwest Florida International Airport (RSW). Historically, particularly during the peak passenger season between Thanksgiving and Easter, RSW has had a need for additional hard-stand parking ramp. This need stems from unscheduled diversion of traffic into Miami International (primary American Airlines) due to weather and air traffic congestion, overnight aircraft parking of scheduled air carriers or charters that have more late evening arrivals and early morning departures than have available gates, or scheduled carriers needing places to hold departure aircraft for a short time because of weather delays at the destination airport. These and other factors contribute to the need for additional parking near the existing terminal area.

The first task was to evaluate, recommend, and program the airside facilities for potential concourse expansion and aircraft hardstand positions. Kimley-Horn used Aeroturn software to plan aircraft taxiing and parking movements and prepared a decision matrix with more than 20 possible options for aircraft taxiing and parking. As part of the preparation of the decision matrix, Kimley-Horn met with user groups, including the airlines, tenants, the local FAA ATCT, and airport staff. From the options, cost estimates were prepared and a recommended course of action developed.

Phase I of the program includes portions of the cross-field taxiway for the new parallel runway. Kimley-Horn is acting as a subconsultant to the program manager, providing geometry and pavement marking plans and overall quality control reviews. The project, with a construction value in excess of $20 million, was advertised for construction in 2011. Dependent on the economy and the growth of the Airport, additional terminal pavements will include remote aircraft hard stands and possible gate and terminal expansion.

Cost: $279,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	Plantation, FL	Planning and Design
b.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER 8

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
Pompano Beach Airpark Continuing Services (including Runway 15-33 Rehabilitation), Pompano Beach, FL	Ongoing	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Pompano Beach	Steve Rocco	954.786.4135

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

Since 2005, Kimley-Horn has provided general aviation consulting services for the City's Airpark. To date, we have accomplished more than 20 tasks, including the following:

Runway 15-33 Rehabilitation and Extension. Kimley-Horn was selected in 2008 for the most important airfield construction project the airport has experienced in many years, the extension and rehabilitation of its main runway at the Airpark, Runway 15-33. The runway had performed admirably for 40 years without any structural rehabilitation, but preventative maintenance was no longer sufficient to maintain the long-term structural integrity of the runway. While the runway was closed, several improvements included in the most recent master plan update were accomplished, including extending Runway 15- 33 by 500 feet to the northwest, displacing the Runway 33 threshold by 340 feet, and replacing the aging Omni-directional Approach Light System (ODALS) with a new Medium Intensity Approach Light System (MALS).

The rehabilitation and extension of the runway has been met with several unique challenges. The extension of the runway 500 feet to the northwest required an environmental assessment in which intense negotiations with the Broward County Environmental Protection and Growth Management Department resulted in the need to obtain a variance from placing a conservation easement over an area of mitigation. Kimley-Horn was successful working with the City and Broward County in obtaining the variance and the required tree removal permit. As a result a FONSI was obtained on the project. Additionally, the Airpark is the home to many Gopher Tortoise and Burrowing Owls, Tortoise were permitted to be removed and transplanted to Central Florida while owl nest were taken by permit out of nesting season.

While the City had planned to extend the runway for more than 20 years and the project has been reflected on the airport layout plan for many years, Kimley-Horn had to justify the additional runway length by performing a runway length analysis. Additionally, Kimley-Horn has worked closely with the City and FAA in the development of an FAA reimbursable agreement for the ultimate takeover and maintenance of the newly-installed MALS, as well as reimbursement of FAA costs to make the necessary modifications to the air traffic control tower cab and flight check the Runway 15 localizer. One of the critical factors in the project was the project phasing. The project was subdivided into six phases with an emphasis on keeping the other runways open as much as possible. There were two of the six phases in which two of the three runways were closed at once by in no cases were all three runways on the airport closed at once.

The City is extremely pleased with the final product and anticipates the project having a positive impact on traffic at the airport.

Cost: $2.1 million (firm); $7 million (construction).

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	West Palm Beach, FL	QA/QC
b.	Kimley-Horn	Plantation, FL	Project Management
c.	Kimley-Horn	Vero Beach, FL	Environmental
d.	Kimley-Horn	Orlando, FL	FAA Technical Support, Permitting

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER 9

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
Tampa International Airport, Airfield Pavement Rehabilitation, FY 15, 16, and 17, Tampa, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Hillsborough County Aviation Authority	Scott Nesbitt	813.870.7810

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

Kimley-Horn provides professional design services for HCAA's airfield pavement rehabilitation program at Tampa International Airport. This project includes the rehabilitation of a substantial portion of the pavements east of Runway 1R/19L. This work is being performed due to the poor condition of the pavements and recent FAA Advisory Circular changes that affected pavement geometry. The project includes the rehabilitation of Taxiway E north of Taxiway J and connector Taxiway U to Runway 1R/19L. Work also will include the rehabilitation of Taxiways G, N-1, and S as well as the replacement of the connector taxiways to the FBO apron and rehabilitation of portions of the apron itself. Additionally, the project includes the removal of Taxiways H and F. The electrical scope of work for this project that is to provide airfield lighting and signage design services in support of the civil work that will take place to rehabilitate most of the pavement on the airport east of Runway 1R/19L. Another project at the airport includes professional services associated with the design for the removal and remarking of taxiway and taxilane markings within the airfield movement area. All new markings will conform to the most current FAA Advisory Circular.

This program also addresses runway incursion mitigation (RIM) within the airport's east airfield requiring the design for the removal of taxiways, construction of new taxiways, mill/overlay of taxiways, and reconstruction of taxiways. All projects require the management of multiple disciplines, coordination with FAA, and stakeholders. Each bid package requires the preparation of contract drawings, specification, and engineer's estimate of probable costs.

Cost: $13,900,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	Kimley-Horn	West Palm Beach, FL	Airfield Engineering
b.	Kimley-Horn	Plantation, FL	Airfield Engineering
c.	Kimley-Horn Puerto Rico, LLC (KHPR)	Guaynabo, PR	Airfield Engineering
d.	Kimley-Horn	Orlando, FL	Planning

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*	20. EXAMPLE PROJECT KEY NUMBER **10**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
FXE ADMINISTRATIVE BUILDING PRE-DESIGN & LEED CONSULTING *Fort Lauderdale, Florida*	2013	N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Fort Lauderdale, Florida	Fernando Blanco	(954) 828-6536

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

ACAI provided architectural schematic evaluations for the interior and exterior renovations to the FXE Airport Administration building.

The architectural evaluations included the addition of patio and lanai space at rear of facility, replacing storefront at large conference room, replacement of restroom fixtures, floor carpet, ceiling tile, light fixtures, providing lighting controls, new paint scheme, replace entire HVAC system and components, provide building signage, evaluate roof leaks and provide probable cost estimate as well as provide an evaluation of achieving LEED certification for the project.

25. FIRMS FROM SECTION C INVOLVED IN THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	ACAI Associates, Inc.	Fort Lauderdale, Florida	Architecture, Master Planning, Programming, Design Criteria Documents, Construction Management
b.	Kimley-Horn and Associates, Inc.	Fort Lauderdale, Florida	Prime Consultant
c.			
d.			
e.			
f.			

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Tom O'Donnell III, P.E.	Project Manager; Airfield; Construction Phase Services/ Bidding Assistance	X	X	X	X	X	X	X		X	X
Mike Carey, P.E.	Principal-in-Charge	X				X		X	X	X	
Eileen Velez-Vega, P.E.	Quality Assurance/Quality Control	X	X	X						X	X
Stephanie Lopez-Cruz, P.E.	Airfield	X						X	X	X	
Julia Focaracci, E.I.	Airfield							X	X		
Tomas Olivera	Landside Design							X	X		
Stefano Viola, P.E.	Landside Design; Land Development/Utilities/Zoning; Draingae								X		
Gary Ratay, P.E.	Land Development/Utilities/ Zoning			X							
Lynn Kiefer	Environmental				X		X	X	X		
Carlos Maeda, P.E.	Grant/DBE Support	X	X	X	X	X			X	X	
Jonathan Haigh, PLA, ASLA	Landscape Architecture										X
Adam Kerr, P.E.	Traffic										
Mike Russell	Security										
ACAI Associates, Inc.	Architecture										X
Dickey Consulting Services, Inc.	Grant/DBE Support	X	X	X							X
Hillers Electrical Engineering, Inc.	Electrical Design	X	X	X	X	X		X	X		
Tierra South Florida, Inc.	Geotechnical Services	X	X				X		X		
Stoner & Associates, Inc.	Surveying										
CRJ & Associates, Inc.	Construction Phase Services/ Bidding Assistance										

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Fort Lauderdale FXE Taxiway Foxtrot Pavement Rehabilitation	6	Belle Glade State Municipal Airport, General Engineering Services
2	Fort Lauderdale Executive Airport (FXE) Taxiway Charlie and Delta Rehabilitation	7	Lee County Port Authority, Southwest Florida International Airport (RSW), Apron Expansion and
3	City of Fort Lauderdale Executive Airport (FXE) General Engineering Consultant	8	Pompano Beach Airpark Continuing Services (including Runway 15-33 Rehabilitation)
4	Naples Municipal Airport (APF) Runway 5-23 Threshold Improvements	9	Tampa International Airport, Airfield Pavement Rehabilitation, FY 15, 16, and 17
5	Daytona Beach International Airport, Cutover of Taxiway Y and Relocation of Taxiways E2 and W2	10	FXE Administrative Building Pre-Design and LEED Consulting

H. ADDITIONAL INFORMATION

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

Kimley-Horn has a long history working with the City of Fort Lauderdale, and in particular with the Executive Airport (FXE). We are proud to have previously served airport staff for 17 years, 13 of which we served as your general engineering consultant. Together, we have accomplished many tasks including airfield pavement projects covering the majority of your airport, airfield lighting, security, and landside development projects.

In addition to the insights we have gained over the many years working with airport staff and the personal relationships built, we know that Kimley-Horn is uniquely qualified to perform general engineering aviation services. When considering whom you would select to be your consultant, we would like to emphasize several key features that separate Kimley-Horn from the competition:

Unparalleled Airfield Experience. No other consultant has more knowledge of Ft. Lauderdale Executive Airport's infrastructure. As previously discussed, we have had 13 years of experience serving as your airport's general engineering consultant. During that tenure, we have been your trusted partner for all the airport's pavement projects including: Runways 8-26 and 13-31 and Taxiways A, B, C, D, E, and G. On the Airport's landside, we have designed the U.S. Customs Building, Airfield Rescue and Firefighting Facility (ARFF), and the Aviation Equipment and Service Facility (the AES Building/Maintenance Building).

With Kimley-Horn you get a consultant who will not require a learning curve to solve your challenges. We have firsthand knowledge of your airport's infrastructure and will customize the right design to suit your needs. This will save time and money during design and construction.

Grant Writing and Administration. Kimley-Horn has a breadth of experience with the FAA that few consultants can provide. Two of our team members, **Carlos Maeda, P.E.** and **Michael Carey, P.E.** were former employees of the FAA. We understand that obtaining successful funding sources is critical to your project. As of 2015, Kimley-Horn has provided assistance to our clients resulting in more than $165.5 million in grants and outside funding. We have developed a resource library of information on state and federal funding sources and will assist you in making the most of the available resources. Kimley-Horn staff works hand-in-hand with airports to identify eligible projects, prepare the proper project descriptions, and other grant-required data to provide the FAA with all required grant application information. We have also partnered with **Dickey Consulting Services, Inc. (DCS)** to supplement our grant administration services. DCS's responsibilities will include DBE monitoring and reporting during the construction phase.

Experienced Project Team. I, **Tom O'Donnell, P.E.**, will serve as the project manager and primary point of contact with FXE staff. I have more than 17 years of experience in airport engineering, which consists of all facets of airport development, including an extensive knowledge of airfield pavement design, phasing, airspace analysis (Part 77), and construction phase services. I have a proven track record at FXE, putting my experience to use by serving as your airport engineer on several projects including project manager for the Rehabilitation of Taxiways Charlie, Delta, and Foxtrot. I am supported by a strong team of professionals who have direct experience at FXE: **Michael Carey, P.E.** and **Eileen Velez-Vega, P.E.** Mike has 35 years of experience in aviation planning and engineering and is currently serving as principal-in-charge for the FXE Taxiway Foxtrot Pavement Rehabilitation Project. Eileen has formerly served as your project manager for six years under previous General Engineering Consulting contracts. Our electrical subconsultant, **Hillers Electrical Engineering, Inc.**, has an extensive knowledge of your airfield electrical system. In addition, our architect, **ACAI Associates, Inc.**, has designed the Customs, ARFF, and AES Buildings.

With Kimley-Horn you get a consultant who understands your airfield's operations. This is critical to properly phasing construction during design to minimize operational impacts to your tenants. This will simplify the contractor's activities and result in lower construction costs. We also have an excellent understanding of the City's administrative process as it applies to contracts.

Summary. Our knowledge of your infrastructure, grant writing and administration, and the team's experience coupled with the resources of a national leader in aviation consulting make the Kimley-Horn team the right choice for your consultant. We offer unmatched client service, exceptional resources, commitment to quality, and knowledge of the Airport's goals. We are excited about this contract and genuinely want to serve you.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE	32. DATE
Gary R Rataj	3/30/018

33. NAME AND TITLE

Gary R. Rataj, P.E., Vice President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFQ #12120-986

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: Kimley-Horn and Associates, Inc.	3. YEAR ESTABLISHED: 1968
	4. DUNS NUMBER: 061099131
2b. STREET: 1920 Wekiva Way, Suite 200	5. OWNERSHIP
2c. CITY: West Palm Beach; 2d. STATE: FL; 2e. ZIP CODE: 33411	a. TYPE: Corporation
	b. SMALL BUSINESS STATUS: No
6a. POINT OF CONTACT NAME AND TITLE: Jonathan Haigh, PLA, ASLA, Landscape Architect	7. NAME OF FIRM *(If block 2a is a branch office)*: APHC, Inc.
6b. TELEPHONE NUMBER: 561.845.0665; 6c. E-MAIL ADDRESS: Jonathan.Haigh@kimley-horn.com	
8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED / 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	(2) BRANCH
62	Water Resources Engineers	43	2
02	Administrative	244	28
08	CADD Technicians	105	4
12	Civil Engineers	1123	40
13	Communications Engineers	39	3
15	Construction Inspectors	14	2
63	Design Technicians	81	4
23	Environmental Engineers	21	1
26	Forensic Engineers	3	1
66	Graphic Designers	46	3
39	Landscape Architects	112	3
42	Mechanical Engineers	8	5
48	Project Managers	167	8
57	Structural Engineers	66	4
65	Technical Support	218	2
64	Technical Writers	101	8
58	Technician/Analysts	315	7
60	Transportation Engineers	290	6
	Other Employees	131	0
	Total	3127	131

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A05	Airports; Navaids; Airport Lighting; Aircraft	5
A06	Airports; Terminals; & Hangars; Freight	4
B02	Bridge Design	3
C08	Codes; Standards; Ordinances	2
C12	Communications Systems; TV; Microwave	5
C15	Construction Management	1
D04	Design-Build - Preparation of Requests for	4
E09	Environmental Impact Studies, Assessments	3
F05	Forensic Engineering	6
H07	Highways; Streets; Airfield Paving; Parking	7
L03	Landscape Architecture	2
O01	Office Building; Industrial Parks	2
P05	Planning (Community; Regional; Areawide &	2
R04	Recreational Facilities (Parks; Marinas; etc.)	2
R11	Rivers Canals; Waterways; Flood Control	1
S04	Sewage Collection, Treatment & Disposal	3
S07	Solid Wastes; Incineration; Landfill	2
S09	Structural Design; Special Structures	2
T03	Traffic & Transportation Engineering	6
U02	Urban Renewals; Community Development	1
W02	Water Resources; Hydrology; Ground Water	2
W03	Water Supply; Treatment and Distribution	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	3
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: Gary R Ratay

b. DATE: 3/30/2018

c. NAME AND TITLE: Gary R. Ratay, P.E., Vice President

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STANDARD FORM 330 (REV. 8/2016) PAGE 6

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFQ #12120-986

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: Kimley-Horn and Associates, Inc.	3. YEAR ESTABLISHED: 1983
	5. DUNS NUMBER: 061099131
2b. STREET: 600 North Pine Island Road, Suite 450	5. OWNERSHIP
2c. CITY: Plantation / 2d. STATE: FL / 2e. ZIP CODE: 33324	a. TYPE: Corporation
	b. SMALL BUSINESS STATUS: No
6a. POINT OF CONTACT NAME AND TITLE: Tom O'Donnell III, P.E., Engineer	7. NAME OF FIRM *(If block 2a is a branch office)*: APHC, Inc.
6b. TELEPHONE NUMBER: 954.535.5100 / 6c. E-MAIL ADDRESS: Tom.ODonnell@kimley-horn.com	
8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED / 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	(2) BRANCH
02	Administrative	244	3
12	Civil Engineers	1123	25
13	Communications Engineers	39	3
15	Construction Inspectors	14	2
63	Design Technicians	81	1
26	Forensic Engineers	3	1
48	Project Managers	167	2
65	Technical Support	218	4
58	Technician/Analysts	315	4
60	Transportation Engineers	290	9
62	Water Resources Engineers	43	1
	Other Employees	590	0
	Total	3127	55

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A05	Airports; Navaids; Airport Lighting; Aircraft	4
A06	Airports; Terminals; & Hangars; Freight	4
C10	Commercial Building; (low rise); Shopping	4
C12	Communications Systems; TV; Microwave	3
E04	Electronics	3
G01	Garages; Vehicle Maintenance Facilities;	3
H07	Highways; Streets; Airfield Paving; Parking	5
H10	Hotels; Motels	2
H11	Housing (Residential, Multifamily,	4
I04	Intelligent Transportation Systems	4
L03	Landscape Architecture	2
O01	Office Building; Industrial Parks	1
P05	Planning (Community; Regional; Areawide &	2
P06	Planning (Site, Installation and Project)	2
P12	Power Generation, Transmission,	1
R03	Railroad and Rapid Transit	6
R04	Recreational Facilities (Parks; Marinas; etc.)	3
S01	Safety Engineering; Accident Studies; OSHA	1
S13	Stormwater Handling & Facilities	2
T03	Traffic & Transportation Engineering	5
U02	Urban Renewals; Community Development	2
W02	Water Resources; Hydrology; Ground Water	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: Gary R Ratay

c. DATE: 3/30/2018

c. NAME AND TITLE: Gary R. Ratay, P.E., Vice President

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STANDARD FORM 330 (REV. 8/2016) PAGE 6

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFQ #12120-986

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: Kimley-Horn Puerto Rico, LLC (KHPR)	3. YEAR ESTABLISHED: 2010
	6. DUNS NUMBER: 061099131
2b. STREET: Millennium Park Plaza, Suite 435 Metro Office Park, #15 Second Street	5. OWNERSHIP
2c. CITY: Guaynabo / 2d. STATE: PR / 2e. ZIP CODE: 00968	a. TYPE: Corporation
	b. SMALL BUSINESS STATUS: No
6a. POINT OF CONTACT NAME AND TITLE: Eileen Velez-Vega, P.E., Engineer	7. NAME OF FIRM *(If block 2a is a branch office)*: APHC, Inc.
6b. TELEPHONE NUMBER: 787.782.5050 / 6c. E-MAIL ADDRESS: Eileen.Velez@kimley-horn.com	
8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED / 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	(2) BRANCH
02	Administrative	244	1
12	Civil Engineers	1123	1
	Other Employees	1760	0
	Total	3127	2

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A05	Airports; Navaids; Airport Lighting; Aircraft	3
A06	Airports; Terminals; & Hangars; Freight	1
C10	Commercial Building; (low rise); Shopping	1
C12	Communications Systems; TV; Microwave	1
C15	Construction Management	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	4
c. Total Work	4

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: Gary R Ratay

d. DATE: 3/30/2018

c. NAME AND TITLE: Gary R. Ratay, P.E., Vice President

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (REV. 8/2016) PAGE 6

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFQ #12120-986

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: Kimley-Horn and Associates, Inc.	3. YEAR ESTABLISHED: 1987
	7. DUNS NUMBER: 061099131
2b. STREET: 445 24th Street, Suite 200	5. OWNERSHIP
2c. CITY: Vero Beach / 2d. STATE: FL / 2e. ZIP CODE: 32960-5169	a. TYPE: Corporation
	b. SMALL BUSINESS STATUS: No
6a. POINT OF CONTACT NAME AND TITLE: Lynn Kiefer, Environmental Scientist	7. NAME OF FIRM *(If block 2a is a branch office)*: APHC, Inc.
6b. TELEPHONE NUMBER: 772.794.4100 / 6c. E-MAIL ADDRESS: Lynn.Kiefer@kimley-horn.com	
8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED / 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	(2) BRANCH
02	Administrative	244	8
08	CADD Technicians	105	5
12	Civil Engineers	1123	17
13	Communications Engineers	39	1
15	Construction Inspectors	14	1
63	Design Technicians	81	1
38	Land Surveyors	16	2
39	Landscape Architects	112	0
47	Planners: Urban/Regional	68	0
48	Project Managers	167	6
65	Technical Support	218	1
64	Technical Writers	101	0
58	Technician/Analysts	315	6
60	Transportation Engineers	290	1
		2893	
	Other Employees	234	0
	Total	3127	49

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A05	Airports; Navaids; Airport Lighting; Aircraft	1
A06	Airports; Terminals; & Hangars; Freight	1
C08	Codes; Standards; Ordinances	1
C10	Commercial Building; (low rise); Shopping	8
C11	Community Facilities	1
C15	Construction Management	1
E10	Environmental and Natural Resource	1
E09	Environmental Impact Studies, Assessments	3
E11	Environmental Planning	2
H07	Highways; Streets; Airfield Paving; Parking	4
L02	Land Surveying	1
L03	Landscape Architecture	1
O01	Office Building; Industrial Parks	2
P05	Planning (Community; Regional; Areawide &	1
R04	Recreational Facilities (Parks; Marinas; etc.)	1
R11	Rivers Canals; Waterways; Flood Control	1
S04	Sewage Collection, Treatment & Disposal	1
S09	Structural Design; Special Structures	2
T03	Traffic & Transportation Engineering	3
U02	Urban Renewals; Community Development	5
W02	Water Resources; Hydrology; Ground Water	2
W03	Water Supply; Treatment and Distribution	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: Gary R Ratay

e. DATE: 3/30/2018

c. NAME AND TITLE: Gary R. Ratay, P.E., Vice President

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STANDARD FORM 330 (REV. 8/2016) PAGE 6

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFQ #12120-986

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: Kimley-Horn and Associates, Inc.	3. YEAR ESTABLISHED: 1980
	8. DUNS NUMBER: 061099131
2b. STREET: 189 South Orange Avenue, Ste. 1000	5. OWNERSHIP
	a. TYPE: Corporation
2c. CITY: Orlando / 2d. STATE: FL / 2e. ZIP CODE: 32801	b. SMALL BUSINESS STATUS: No
6a. POINT OF CONTACT NAME AND TITLE: Carlos Maeda, P.E., Regional Vice President/Aviation	7. NAME OF FIRM *(If block 2a is a branch office)*: APHC, Inc.
6b. TELEPHONE NUMBER: 407.898.1511 / 6c. E-MAIL ADDRESS: Carlos.Maeda@kimley-horn.com	
8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED / 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	(2) BRANCH
57	Structural Engineers	66	2
02	Administrative	244	14
08	CADD Technicians	105	3
12	Civil Engineers	1123	38
13	Communications Engineers	39	2
63	Design Technicians	81	3
26	Forensic Engineers	3	1
66	Graphic Designers	46	2
39	Landscape Architects	112	4
42	Mechanical Engineers	8	2
47	Planners: Urban/Regional	68	2
48	Project Managers	167	5
65	Technical Support	218	6
64	Technical Writers	101	11
58	Technician/Analysts	315	14
60	Transportation Engineers	290	6
		2986	
	Other Employees	141	0
	Total	3127	115

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A05	Airports; Navaids; Airport Lighting; Aircraft	5
A06	Airports; Terminals; & Hangars; Freight	5
C08	Codes; Standards; Ordinances	2
C10	Commercial Building; (low rise); Shopping	5
C15	Construction Management	3
D04	Design-Build - Preparation of Requests for	1
E02	Educational Facilities; Classrooms	2
F05	Forensic Engineering	3
H07	Highways; Streets; Airfield Paving; Parking	6
H11	Housing (Residential, Multifamily,	4
I04	Intelligent Transportation Systems	3
L03	Landscape Architecture	2
O01	Office Building; Industrial Parks	2
P05	Planning (Community; Regional; Areawide &	0
P06	Planning (Site, Installation and Project)	1
R03	Railroad and Rapid Transit	1
R04	Recreational Facilities (Parks; Marinas; etc.)	2
S13	Stormwater Handling & Facilities	1
T03	Traffic & Transportation Engineering	5
U02	Urban Renewals; Community Development	4
W03	Water Supply; Treatment and Distribution	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: Gary R Ratay

f. DATE: 3/30/2018

c. NAME AND TITLE: Gary R. Ratay, P.E., Vice President

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (REV. 8/2016) PAGE 6

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*
RFQ #12120-986

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME	3. YEAR ESTABLISHED	4. DUNS NUMBER
ACAI Associates, Inc.	1985	161188289

2b. STREET	5. OWNERSHIP
2937 W Cypress Creek Road - Suite 200	a. TYPE: Corporation
2c. CITY: Fort Lauderdale; 2d. STATE: FL; 2e. ZIP CODE: 33309	b. SMALL BUSINESS STATUS: FDOT DBE / FL MBE
6a. POINT OF CONTACT NAME AND TITLE: Adolfo J. Cotilla, Jr., AIA- President & CEO	7. NAME OF FIRM *(If block 2a is a branch office)*
6b. TELEPHONE NUMBER: 954-484-4000; 6c. E-MAIL ADDRESS: adolfo@aecmworld.com	

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER
		16-118-8289

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administration	3	
06	Architect	8	
08	CADD Technician	4	
15	Construction Inspector	3	
16	Construction Manager	2	
37	Interior Designer	1	
39	Landscape Architect	1	
48	Project Manager	6	
57	Structural Engineer	1	
	Other Employees	4	
	Total	**33**	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A06	Airports; Terminals & Hangers; Freight Handling	4
A11	Auditoriums & Theaters	5
C09	Cold Storage; Refrigeration & Fast Freeze	2
C15	Construction Management/Administration	4
E02	Educational Facilities; Classrooms	7
F02	Field Houses; Gyms; Stadiums	1
G01	Garages; Vehicle Maintenance Facilities; Parking Decks	6
G02	Gas Systems (Propane; Natural, etc.)	1
H09	Hospitals & Medical Facilities	6
H10	Hotels; Motels	1
I05	Interior Design; Space Planning	5
J01	Judicial and Courtroom Facilities	5
L01	Laboratories; Medical Research Facilties	6
L03	Landscape Architecture	3
L04	Libraries; Museums; Galleries	2
O01	Office Buildings; Industrial Parks	3
P06	Planning (Site, Installation & Project)	3
P13	Public Safety Facilities	5
R04	Recreation Facilities (Parks, Marinas, etc.)	5
R06	Rehabilitation (Bldgs; Structures; Facilities)	3
R12	Roofing	4
W03	Water Supply; Treatment and Distribution	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	7
c. Total Work	7

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE: 3/22/2018

c. NAME AND TITLE: Adolfo J. Cotilla, Jr., AIA

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STANDARD FORM 330 (REV. 3/2013)

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: 12120-986

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (*or Branch Office*) NAME: CRJ & Associates, Inc.	3. YEAR ESTABLISHED: 1999 / 4. UNIQUE ENTITY IDENTIFIER: 015317475
2b. STREET: 2699 Stirling Road, Suite B-201	5. OWNERSHIP
2c. CITY: Ft. Lauderdale / 2d. STATE: FL / 2e. ZIP CODE: 33312	a. TYPE: S Corporation
6a. POINT OF CONTACT NAME AND TITLE: Marc A. Fermanian, P.E. - President	b. SMALL BUSINESS STATUS: Disadvantaged Business Enterprise
6b. TELEPHONE NUMBER: 954-239-4330 / 6c. E-MAIL ADDRESS: mfermanian@crjassociates.com	7. NAME OF FIRM *(If Block 2a is a Branch Office)*

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	c. Number of Employees (2) BRANCH
02	Administrative	1	
08	CADD Technician	1	
12	Civil Engineer	3	
	Other Employees		
	Total	5	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A06	Airport; Terminals & Hangars	2
C15	Construction Management	2
D02	Dams (Earth; Rock); Dikes; Levee	2
E09	Environmental Impact Statements	2
E11	Environmental Planning	2
H07	Highways/Streets; Airfield; Parking	2
P06	Planning (Site and Project)	2
R11	Rivers; Canals; Waterways; Flood	2
S04	Sewage Collection	2
S13	Stormwater	2
W02	Water Resources; Hydrology;	2
W03	Water Supply	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	2
b. Non-Federal Work	3
c. Total Work	4

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 

b. DATE: March 22, 2018

c. NAME AND TITLE: Marc A. Fermanian, P.E. - President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Dickey Consulting Services, Inc.			**3. YEAR ESTABLISHED** 1995	**4. DUNS NUMBER** 133416144
2b. STREET 1033 NW 6 Street, Suite 206			**5. OWNERSHIP** **a. TYPE** Corporation	
2c. CITY Fort Lauderdale	**2d. STATE** FL	**2e. ZIP CODE** 33311	**b. SMALL BUSINESS STATUS** DBE	
6a. POINT OF CONTACT NAME AND TITLE [Sheryl A. Dickey, President/CEO]			**7. NAME OF FIRM** *(If block 2a is a branch office)* N/A	
6b. TELEPHONE NUMBER 954-467-6822	**6c. E-MAIL ADDRESS** sdickey@dickeyinc.com			
8a. FORMER FIRM NAME(S) *(If any)* N/A			**8b.YR ESTABLISHED** N/A	**8c. DUNS NUMBER** N/A

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
	Public Relations/DBE Liaison and Project Management Services	2	2
	Total	2	2

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
	Public Relations/DBE Liaison Services	4
		4

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	2
b. Non-Federal Work	2
c. Total Work	4

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	**b. DATE** 03-28-18
c. NAME AND TITLE Sheryl A. Dickey, President/CEO	

ARCHITECT–ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If Any)*: 12120-986

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: Hillers Electrical Engineering, Inc.	3. YEAR ESTABLISHED: 1994 / 4. DUNS NUMBER: 876227059
2b. STREET: 23257 State Road 7, Suite 100	5. OWNERSHIP
2c. CITY: Boca Raton / 2d. STATE: Florida / 2e. ZIP CODE: 33428	a. TYPE: Corporation
6a. POINT OF CONTACT NAME AND TITLE: Paul Hillers, President	b. SMALL BUSINESS STATUS: Active
6b. TELEPHONE NUMBER: 561-451-9165 / 6c. E-MAIL ADDRESS: phillers@hillersee.com	7. NAME OF FIRM *(If block 2a is branch office)*

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER
NA	NA	NA

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
21	Electrical & Instrumentation Design Engineers	9	
16	Electrical Construction Manager	4	
08	CADD Technician	1	
02	Administrative	1	
	Other Employees		
	Total	15	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A05	Airport NAVAIDS, ILS, Lighting, Aircraft Fueling	5
A06	Airport Terminals and Hangars;Freight Handling	5
E03	Electrical Studies and Design	4
W03	Water Supply; Treatment and Distribution(Electrical and instrumentation design	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	6
c. Total Work	**7**

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: P. Hillers

b. DATE: 3/20/2018

c. NAME AND TITLE: Paul Hillers, President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: 12120-986

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: **Quantum Spatial, Inc.**	3. YEAR ESTABLISHED: 2013
	4. DUNS NUMBER: 80-854-4175
2b. STREET: 45180 Business Court, Suite 800	5. OWNERSHIP
	a. TYPE: C-Corporation
2c. CITY: Dulles / 2d. STATE: VA / 2e. ZIP CODE: 20166	b. SMALL BUSINESS STATUS: N/A
6a. POINT OF CONTACT NAME AND TITLE: Robert Vander Meer, Vice President	7. NAME OF FIRM *(If block 2a is a branch office)*: Quantum Spatial
6b. TELEPHONE NUMBER: (800) 558-6707 / 6c. E-MAIL ADDRESS: rvandermeer@quantumspatial.com	
8a. FORMER FIRM NAME(S) *(If any)*: Aero-Metric, Inc.; Air Survey Corporation	8b. YR. ESTABLISHED: 1946 / 8c. DUNS NUMBER: 80-854-4175

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	**72**	6
03	Aerial Photographer	**30**	0
14	Computer Programmer	**32**	1
29	GIS Specialist	**32**	0
38	Land Surveyor	**29**	2
45	Photo Interpreter	**26**	14
46	Photogrammetrist	**7**	1
48	Project Manager	**25**	2
49	Remote Sensing Specialist	**12**	0
58	Technical/Analyst	**37**	3
	Pilot	**16**	0
	LiDAR	**116**	0
	Total	**434**	29

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A02	Aerial Photography; Airborne Data & Imagery Collection & Analysis	8
C01	Cartography	6
C03	Charting	3
D05	Digital Elevation & Terrain Dev	6
D06	Digital Orthophotography	8
E10	Enviro. & Natural Resource Mapping	5
G03	Geodetic Surveying	4
G04	GIS Services	8
G05	Geospatial Data Conversion	5
H13	Hydrographic Surveying	1
L02	Land Surveying	6
P03	Photogrammetry	9
R07	Remote Sensing	6
S10	Surveying; Platting; Mapping; Flood	6
T04	Topographic Surveying & Mapping	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	9
b. Non-Federal Work	10
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: 

b. DATE: 3/27/2018

c. NAME AND TITLE: Robert Vander Meer, Vice President

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STANDARD FORM 330 (REV. 8/2016) **PAGE 6**

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: 12120-986

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (*or Branch Office*) NAME: Stoner & Associates, Inc.	3. YEAR ESTABLISHED: 1988 / 4. UNIQUE ENTITY IDENTIFIER: 195500624
2b. STREET: 4341 S.W. 62nd Avenue	5. OWNERSHIP
2c. CITY: Davie / 2d. STATE: FL / 2e. ZIP CODE: 33314	a. TYPE: S-Corporation
6a. POINT OF CONTACT NAME AND TITLE: James D. Stoner, PSM, President	b. SMALL BUSINESS STATUS: 541370
6b. TELEPHONE NUMBER: (954)585-0997 / 6c. E-MAIL ADDRESS: Jstoner@stonersurveyors.com	7. NAME OF FIRM *(If Block 2a is a Branch Office)*: N/A

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
N/A		

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	c. Number of Employees (2) BRANCH
38	Land Surveyor	1	
48	Project Manager	2	
08	CADD Technician	2	
02	Administrative	1	
	Other Employees	10	
	Total	16	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
L02	Land Surveying	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	5
c. Total Work	5

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE: 03/08/2017

c. NAME AND TITLE: James D. Stoner, PSM, President

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: 12120-986

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: TIERRA SOUTH FLORIDA, INC.		3. YEAR ESTABLISHED: 2003	4. DUNS NUMBER: 829296222
2b. STREET: 2765 Vista Parkway, Suite 10		5. OWNERSHIP	
2c. CITY: West Palm Beach	2d. STATE: FL / 2e. ZIP CODE: 33411	a. TYPE: Corporation	
6a. POINT OF CONTACT NAME AND TITLE: Raj Krishnasamy, P.E. / Principal Engineer, President		b. SMALL BUSINESS STATUS: Florida Statewide OSD MBE	
6b. TELEPHONE NUMBER: (561)687-8539	6c. E-MAIL ADDRESS: Raj@TierraSF.com	7. NAME OF FIRM *(If block 2a is a branch office)*: N/A	

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER
N/A	N/A	N/A

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
2	Administrative	6	6
8	CADD Technician	2	2
27	Foundation/Geotechnical Eng	5	5
58	Technician/Analyst	30	30
58	Technician/Inspector	6	6
	Total	49	49

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
S05	Soils and Geologic Studies; Foundations	5
T02	Testing and Inspection Services	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	3
b. Non-Federal Work	5
c. Total Work	6

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000.
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	March 26, 2018
c. NAME AND TITLE: Raj Krishnasamy, P.E. / President and Principal Engineer	

Tab 4. Organizational Profile and Project Team

Qualifications of Key Project Team Members

The City of Fort Lauderdale needs a consultant team that can navigate the wide-ranging responsibilities and challenges presented by this contract with a clear, visionary approach, as well as a proactive partner who is familiar with the local community, a multitude of stakeholders, and your goals. Kimley-Horn's longstanding experience with similar projects and communities in Florida provides you with unmatched service, responsiveness, and essential local knowledge.

Kimley-Horn is pleased to present the qualifications of our project team, offering you the seamless combination of relevant experience and proven schedule adherence and cost control management techniques. Our employees are sincere, reliable, and professional with the drive and fervor to initiate innovative methods and solutions to your requests. We are confident that we can offer you quality customer service with the most beneficial outcome, and we sincerely want to serve you on this important contract.

Our key team members and their specific roles, educational background, level of involvement we anticipate they will have on this contract, and qualifications for this contract are outlined below. ***SF 330 Part I Section E Resumes of all of our team members are provided at the end of this section.***

Experience of the Project Manager

Tom O'Donnell, P.E. — *Project Manager*

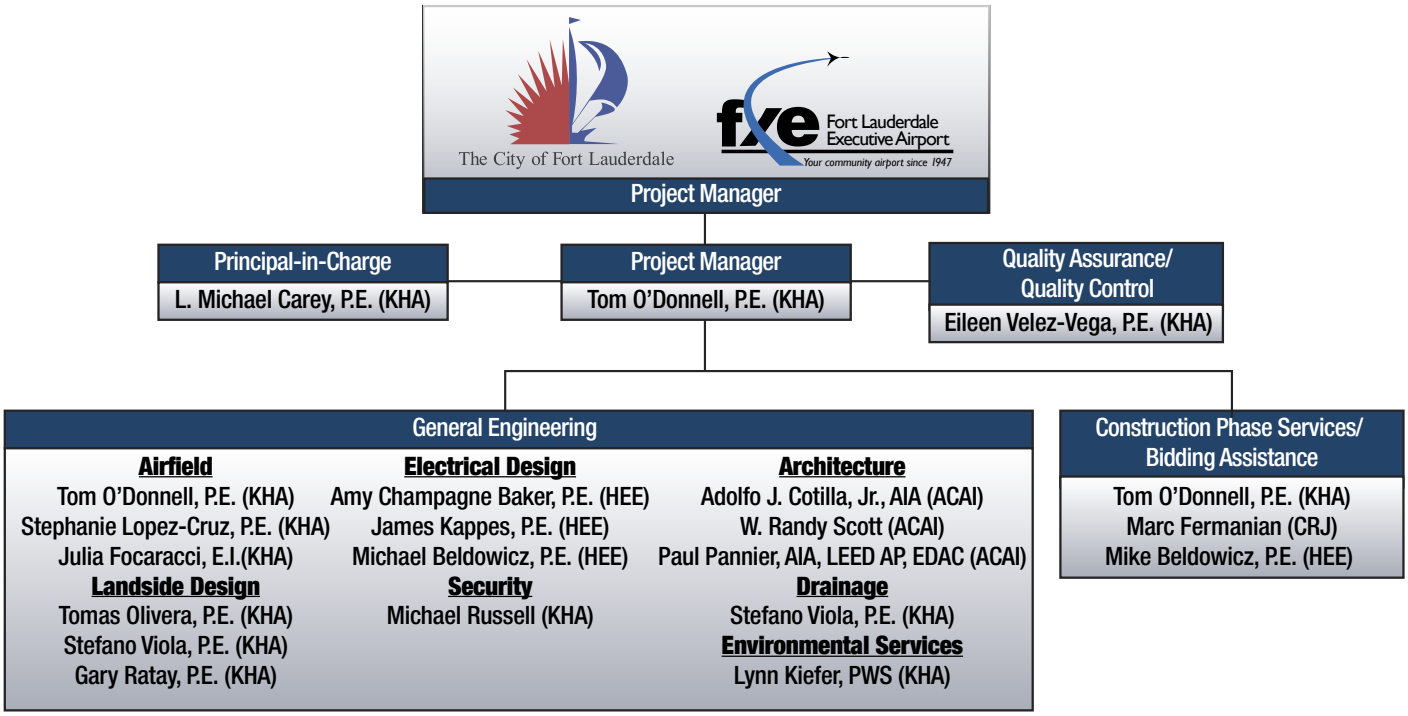
Level of Involvement: High

Thomas "Tom" O'Donnell, P.E. will serve as your Project Manager. Tom will lead all aspects of this contract throughout the design, permitting, bidding, and construction phase services. He is a licensed Professional Engineer in Florida with more than 17 years of experience providing planning, design, zoning, and construction phase services for various aviation projects. The first of these projects was the Rehabilitation of Runway 9-27 (formerly Runway 8-26) at Fort Lauderdale Executive Airport (FXE) where Tom started his aviation career as an engineering analyst. He views this experience as indispensable in is his professional development and accordingly has always had a strong passion for working at your airport.

Years later Tom took the knowledge learned at FXE to Naples Municipal Airport where he was giving the opportunity to manage his first projects. At Naples, he would be responsible for design, environmental, bid and construction phase service for two of the airport's most important projects: the rehabilitation of their primary Runway 5-23 by mill and overlay and a year later the extension of the same runway 800' to the north and 800' to the south. In addition to the traditional engineering services associated with airfield projects the extension project required extensive coordination with the public and the FAA.

After serving Naples for five years, Tom returned to Fort Lauderdale Executive Airport to serve as your project manager on the Rehabilitation of Taxiways Charlie and Delta project and most recently Taxiway Foxtrot Rehabilitation project.

As a professional engineer, Tom's primary responsibility is to solve problems; this begins with listening and understanding the needs of his clients. He has a thorough understanding of FAA standards with experience including project management, rehabilitation/new construction of several taxiways, runways, and ramps; airfield geometric and pavement design; airfield project phasing; pavement management; obstruction evaluation of tall structures (Part 77); design of helicopter landing facilities; and security/access control including barriers to prevent errant vehicles from entering unauthorized facilities. Tom also has extensive experience in administering construction projects. He has the know how to serve as an extension of your staff performing comprehensive design, bid, and construction phase services. His expertise runs the breadth and depth of projects, from conceptual design to enforcing the contract documents during construction. A proud Gator, Tom earned his Bachelor of Science degree in Civil Engineering from the University of Florida. In addition to holding a license in Florida, he is also a registered Professional Engineer in Puerto Rico.



Working closely with Tom are individuals committed to the success of this project.

L. Michael Carey, P.E. — *Principal-in-Charge*

Level of Involvement: moderate

L. Michael Carey, P.E. will serve as principal-in-charge. With 38 years of aviation service, Michael has gained in-depth experience in all facets of airport operations and development. Beginning as an employee of the Federal Aviation Administration (FAA) Mike learned the functions, duties and roles of the FAA. Over his consulting life, Michael has developed an in-depth knowledge of the inner workings of an airport, including business, finance, maintenance, operations, planning, and development. His primary focus on this project will be to provide high level oversight.

Eileen Velez-Vega, P.E. — *Quality Assurance/Quality Control*

Level of Involvement: Moderate

Eileen Velez-Vega, P.E. is a Florida registered professional engineer in the firm's aviation division. She has 15 years of experience and specializes in aviation design and pavement management. Six of these years she served as Fort Lauderdale Executive Airport's project manager for general engineering services. Her experience also includes aviation project management including pavement grading, geometry, phasing, cost estimates, and technical specifications, as well as bid phase services, pavement design, pavement management, and construction phase services. She has also led the production of the design and construction of airport runways, taxiways and aprons, as well as Airport Rescue and Fire Fighting (ARFF) Facilities, U.S. Customs and Border Protection Facilities, and terminal airside work. Prior to joining Kimley-Horn, Eileen was a research civil engineer in the U.S. Army Engineer Research and Development Center, Geotechnical and Structures Laboratory in Vicksburg, Mississippi. As part of the U.S. Army Corps of Engineers, she was involved with research and development in pavement management, non-destructive testing, soil stabilization, and rubblization of concrete pavements for the Department of Defense and the Federal Aviation Administration (FAA). Eileen's primary focus under this contract will be to provide independent quality assurance/quality control review of all contract documents.

Stephanie Lopez-Cruz, P.E. — *Airfield Design*

Level of Involvement: High

Stephanie is a licensed Florida professional engineer with over four years of experience in aviation design, pavement management, and construction phase services. Her design experience includes aviation on-calls, airfield geometric design, pavement design, airfield grading, drainage improvements, pavement markings, technical specification preparation, and preparation of opinions of probable cost. She has honed these skills performing professional services at Fort Lauderdale-Hollywood International Airport, Orlando International Airport, Tampa International Airport, and Southwest Florida International Airport – four of Florida's top six busiest airports. Most recently she has served as resident project representative on the Taxiway Foxtrot Pavement Rehabilitation project at Fort Lauderdale Executive Airport. Her responsibilities on this project include reviewing the contractor's work for conformance with the Contract Documents, plans interpretation, keeping track of quantities, reviewing submittals and shop drawings, and coordinating and reviewing material field testing. Stephanie has experience with several types of design software including AutoCAD, AeroTURN, and ArcGIS. Her primary focus on this project will be performing airfield design services under Tom's supervision.

Julia Focaracci, E.I. — *Airfield Design*

Level of Involvement: High

Julia is an engineering analyst with four years of experience in with aviation projects in south Florida, including at Fort Lauderdale Executive Airport (FXE), Fort Lauderdale-Hollywood International Airport (FLL), Southwest Florida International Airport (RSW), and Pompano Beach Airpark (PMP). She completed FDOT Pavement Management Training. Her experience includes airfield geometric design, pavement design, airfield grading, drainage improvements, pavement markings, technical specification preparation, and preparation of opinions of probable cost. Julia has served as lead design engineer for RSW. Her primary focus on this project will be performing airfield design services under Tom's supervision.

Tomas Olivera — *Landside Design*

Level of Involvement: Moderate

Tomas has more than 16 years of transportation engineering experience, including planning, design, value analysis, probable construction cost estimates, and construction phase services. His experience also includes the civil design of major roadways, foundations, and utilities for major transportation facilities. With more than 10 years of project management experience, Tomas has developed/implemented comprehensive project management plans, design, coordination,

and production of detailed engineering documentation, and specifications per the Federal Aviation Administration (FAA) guidelines and per International Civil Aviation Organization (ICAO), for different type of project delivery methods including Design-Build. He has managed the Terminal Expansion and the Fuel Farm Expansion at the Tocumen International Airport, Panama; the North Airfield Rehabilitation at the Fort Lauderdale-Hollywood International Airport; and the Rehabilitation of Airfield Pavements at the Fort Myers International Airport. Tomas's focus on this contract will be leading landside design services.

Stefano Viola, P.E. — *Landside Design; Land Development/Utilities/Zoning; Drainage*

Level of Involvement: Moderate

Stefano has 12 years of diverse civil engineering experience, including roadway restoration and resurfacing, drainage modeling, water/wastewater utility design, stormwater master planning, preparation of engineering drawings, permitting and site/plan preparation and review. He also has experience serving a diverse group of clients, including counties, municipalities, government agencies, and private developers. Most recently he is serving as your project manager for the Master Drainage project at Fort Lauderdale Executive Airport. He also has experience with AutoCAD, WaterCAD, StormCAD, and Cascade software programs and design analysis software. Stefano's primary focus on this contract will be leading drainage design services. He will also be assisting with various landside design services.

Lynn Kiefer — *Environmental*

Level of Involvement: Moderate

A senior environmental scientist with 27 years of experience, Lynn's practice includes managing the natural resource aspects of projects requiring evaluation under the National Environmental Policy Act (NEPA), including airports, roadways, and Section 404 dredge and fill permitting. She leads a team of environmental scientists in the collection and analysis of environmental data and in the preparation of various NEPA documents, including environmental impacts statements (EIS), environmental assessments (EA), categorical exclusions, and PD&E documents. Lynn was the environmental task manager responsible for all natural resource evaluations for the preparation of the EIS for the proposed relocation of Panama City-Bay County International Airport. Tasks included evaluation of significant wetland, stream, and seagrass resources; listed species surveys and evaluation; and potential contamination sites within the existing and proposed airport facilities. She was also responsible for coordinating seasonal listed species surveys on 8,000-acre study area, preparation of listed species reports, and preparation of the natural resource chapters for the draft and final EIS.

Carlos Maeda, P.E. — *Grant/DBE Support*

Level of Involvement: Low

Carlos has 37 years of experience in transportation and public infrastructure projects, planning, design, and construction management. His professional background includes administrative management and business development, in addition to technical experience. He served with the Federal Aviation Administration (FAA) as program manager, technical expert, and principal advisor for all airport planning and engineering-related programs for large metropolitan areas. Carlos has also managed airport development projects funded under the Airport Improvement Program and Passenger Facility Charge Program, and served as the agency point-of-contact within the assigned area for airport planning and engineering, compatible land use, noise, and environmental planning. He has been a tireless advocate for his clients to obtain additional funds from the FAA's Airport Improvement Program (AIP) and has handled many FAA Airport Compliance, Noise, Passenger Facility Charge (PFC), and Land Acquisitions issues, including serving successfully as an FAA expert witness in court.

Subconsultant Partners

We believe in meeting all the needs of our clients by retaining the highest quality team members available. To supplement our own in-house expertise, we have added 7 subconsultants whom we trust to provide FXE with services at the same high level of service for which we hold ourselves accountable. As project manager Tom will coordinate our subconsultant partners that consist of the following firms:

ACAI Associates, Inc. – *Architecture, Structural, Mechanical, Electrical, and Plumbing*

CRJ & Associates, Inc. – *Resident Project Representative*

Dickey Consulting Services, Inc. — *Grant/DBE Support*

Hiller Electrical Engineering — *Electrical Design*

Stoner & Associates, Inc. — *Survey*

Tierra South Florida — *Geotechnical/Material Testing Services*

Quantum Spatial – *aGIS/eALP*

More detailed information on our subconsultants can be found in Section 8.

Project Team Resumes

As requested, resumes for the Kimley-Horn team have been provided in SF 330 format on the following pages.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Tom O'Donnell III, P.E.	Project Manager; Airfield; Construction Phase Services/Bidding Assistance	17	17

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., West Palm Beach, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science/Civil Engineering	FL/Professional Engineer/62478

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Tom is a licensed Professional Engineer in Florida with more than 17 years of experience providing planning, design, and zoning services for various municipal civil and structural engineering projects. He has a diverse background of knowledge spanning from structural engineering to aviation design. He has a thorough knowledge of FAA standards and has been responsible for performing several obstruction evaluation and airspace analysis (Part 77).

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Taxiway Foxtrot Pavement Rehabilitation Project - Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL**

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION *(If Applicable)*: Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager for the rehabilitation of pavement for Taxiway Foxtrot. The project includes the milling, resurfacing and reconstruction of 4,500 LF of airfield pavement along the western portion of Taxiway Foxtrot, including the reconstruction of the taxiway intersections to conform with current Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A, change 1, relocation of airfield guidance signs and taxiway edge lights, and pavement striping. Construction Cost: $2,190,000

b.

(1) TITLE AND LOCATION *(City and State)*: **Taxiways Charlie and Delta Pavement Rehabilitation and Replace Airfield Lighting – Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL**

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2013; CONSTRUCTION *(If Applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager during design phase and deputy project manager for construction phase. Taxiways Charlie, Delta and their connectors were showing severe signs of longitudinal and transverse cracking, depressions, and weathering. Kimley-Horn was retained to provide design services for the rehabilitation of 1,985 linear feet of Taxiway Charlie and 1,620 linear feet of Taxiway Delta. The project consisted of milling and overlaying existing bituminous pavements, grade correction, striping, and replacing all edge lighting with LED lights. Careful construction phasing was also required as access to fixed base operator ramps and the Customs ramp needed to be maintained during daylight hours. Construction Cost: $1,350,000

c.

(1) TITLE AND LOCATION *(City and State)*: **General Consulting Services – Daytona Beach International Airport (DBA), Daytona Beach, FL**

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2014; CONSTRUCTION *(If Applicable)*: 2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager. Kimley-Horn provided construction phase services for the construction of Taxiways Y, W2, and E2 at the Daytona Beach International Airport. Construction included reducing the confusion related to the signage at the intersection of Taxiway Whiskey and Taxiway Sierra by adding signage and markings, constructing a cutover Taxiway Y connecting Taxiway S and W, and relocating Taxiways W2 and E2. Responsibilities included reviewing shop drawings, change order requests, and requests for information. Construction Cost: $1,500,000

d.

(1) TITLE AND LOCATION *(City and State)*: **Pavement Markings & East Airfield Pavement Rehabilitation – Tampa International Airport (TPA), Tampa, FL**

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2016; CONSTRUCTION *(If Applicable)*: 2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Lead Airfield Engineer. This project was for the design and preparation of contract documents for the rehabilitation of asphalt pavements at Tampa International Airport within the East Airfield and for the removal and reinstallation of pavement markings airfield wide. The project included 68,000 square yards of taxiway removal, 106,000 square yards of P-401 asphalt mill/overlay, detailed/comprehensive construction phasing, new taxiway connectors, and over 600,000 square feet of airfield markings. This project required close coordination with multiple airport departments, tenants and FAA. Construction Cost: $13,900,000

e.

(1) TITLE AND LOCATION *(City and State)*: **Pavement Rehabilitation Program – Naples Municipal Airport (APF), Naples, FL**

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2012; CONSTRUCTION *(If Applicable)*: 2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Completed five design and construction project valued at over $10 million. Responsible for both project manager and lead project engineer services. Led team which successfully assisted Naples's staff with procuring over $6.7 million in FAA grants plus $200 thousand in matching FDOT grants. Projects include: Runway 5-23 Extension; Runway 5-23 Rehabilitation; Rehabilitation of Taxiways A, B, C, and D; Extension of Taxiways A west and D east; and the Rehabilitation of the General Aviation Ramp. Responsible for asphalt (P-401) and concrete (P-501) pavement design, grading, afield marking, airfield lighting and signage, project phasing, opinion of cost, development of technical specifications, and engineer's report. Led construction phase and contract administration services during construction. Construction costs: $10 million.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Mike Carey, P.E.	Principal-in-Charge	38	14

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Plantation, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science/Civil Engineering	FL/Professional Engineer/35487

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Airport Consultants Council

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Taxiway Foxtrot Pavement Rehabilitation Project - Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-Charge for the rehabilitation of pavement for Taxiway Foxtrot. The project includes the milling, resurfacing and reconstruction of 4,500 LF of airfield pavement along the western portion of Taxiway Foxtrot, including the reconstruction of the taxiway intersections to conform with current Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A, change 1, relocation of airfield guidance signs and taxiway edge lights, and pavement striping. Construction Cost: $2,190,000

b.

(1) TITLE AND LOCATION *(City and State)*
Aerostar Airport Holdings, Runway 8/26 and Taxiway Sierra Rehabilitation – San Juan Luis Muñoz Marin International Airport (SJU), San Juan, PR

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-Charge. Kimley-Horn provided design for the pavement rehabilitation of Runway 8/26, Taxiway Sierra and associated taxiway connectors. Eileen led the production which consisted of the rehabilitation of the center 9,300 feet of Runway 8/26, the parallel Taxiway Sierra (length = 3,200 feet) the taxiway connectors, and electrical work. The project included the mill and overlay of asphalt and concrete pavement on the runway and taxiway. Concrete rehabilitation work on the taxiway connectors as well as associated lighting and electrical work, pavement markings, grading, phasing as well as cost estimates, technical specifications and bidding assistance. Project Cost: $638,000

c.

(1) TITLE AND LOCATION *(City and State)*
Southwest Florida International Airport (RSW), General Engineering Consultant and Project Specific Consultant, Fort Myers, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager for the Kimley-Horn team that was selected in 2011 as one of the General Engineering Consultants for the Lee County Port Authority which operates both Southwest Florida International Airport (RSW) and Page Field (FMY). To date, Kimley-Horn has been assigned more than 50 tasks, including Mitigation Park Evaluation Report, Checkpoint Evaluation, Parcel Development Evaluation, Runway 6-24 Pavement Classification, and Federal Tiger Grant Application Assistance. Kimley-Horn specialties used to date include security and IT services, environmental services, traffic studies, cost estimates, land development due diligence, pavement evaluations, aircraft loading bridge reconfiguration, passenger planning activities, curb front studies, PA system upgrades, parking reviews and garage structural repairs. Additionally, Kimley-Horn has been active in using local small business in introducing them to the airport environment and mentoring them in developing aviation design related skills. Cost: Varies per task order

d.

(1) TITLE AND LOCATION *(City and State)*
Pompano Beach Airpark Continuing Services (including Runway 15-33 Rehabilitation), Pompano Beach, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager and primary client contact responsible for providing consulting services on this general aviation airport in Broward County. Mike has worked with City staff at the airpark for more than 20 years on a variety of projects. Most recently, Kimley-Horn was selected for the relocation of Taxiway Kilo at PMP. This project is needed to alleviate a non-standard condition at the airpark. The construction value is estimated at approximately $3 million. Mike was also project manager for the rehabilitation of the primary runway at the airpark, Runway 15-33. In addition to the rehabilitation of Runway 15-33, Mike has served as project manager/primary client contact for a variety of projects at PMP including: Master Plan Update; Fillet Widening, Taxiway F and Taxiway D; Continual Pavement Maintenance Program; Airspace Study Approvals and Related Work. Cost: Varies per task order.

e.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale-Hollywood International Airport, Rehabilitation of North Airfield Pavements, Engineered Material Arresting System Beds, and RIM, Broward County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager. The Broward County Aviation Department (BCAD) has selected Kimley Horn to provide professional engineering services associated with the rehabilitation of Runway 10L/28R and other airfield pavements at Fort Lauderdale-Hollywood International Airport (FLL). This Capital Improvement Project will enable BCAD to maintain the primary runway, 10L-28R, and other airfield pavements in good operational condition. Project tasks include traffic modeling, fleet mix turning analysis, geometric evaluation, hot spot reconfiguration, pavement evaluation, pavement rehabilitation design, rehabilitation options evaluation, and life cycle cost analysis. The project will also include replacement of the EMAS beds and jet blast deflectors. Cost: $2,186,289

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Eileen Velez-Vega, P.E.	Quality Assurance/Quality Control	a. TOTAL: 15	b. WITH CURRENT FIRM: 12

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn Puerto Rico, LLC (KHPR), Guaynabo, PR

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Master of Science/Civil Engineering Bachelor of Science/Civil Engineering	FL/Professional Engineer/68333 PR/Professional Engineer/22544

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Society of Hispanic Professional Engineers, Society of Women Engineers, American Society of Civil Engineers, Transportation Research Board

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Taxiway Foxtrot Pavement Rehabilitation Project - Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION *(If Applicable)*: Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Quality Assurance/Quality Control manager for the rehabilitation of pavement for Taxiway Foxtrot. The project includes the milling, resurfacing and reconstruction of 4,500 LF of airfield pavement along the western portion of Taxiway Foxtrot, including the reconstruction of the taxiway intersections to conform with current Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A, change 1, relocation of airfield guidance signs and taxiway edge lights, and pavement striping. Construction Cost: $2,190,000

b.

(1) TITLE AND LOCATION *(City and State)*: **Taxiways Charlie and Delta Pavement Rehabilitation and Replace Airfield Lighting – Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013; CONSTRUCTION *(If Applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager during construction phase and deputy project manager for design. Taxiways Charlie, Delta and their connectors were showing severe signs of longitudinal and transverse cracking, depressions, and weathering. Kimley-Horn was retained to provide design services for the rehabilitation of 1,985 linear feet of Taxiway Charlie and 1,620 linear feet of Taxiway Delta. The project consisted of milling and overlaying existing bituminous pavements, grade correction, striping, and replacing all edge lighting with LED lights. Careful construction phasing was also required as access to fixed base operator ramps and the Customs ramp needed to be maintained during daylight hours. Construction Cost: $1,350,000

c.

(1) TITLE AND LOCATION *(City and State)*: **Taxiway Golf Relocation – Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013; CONSTRUCTION *(If Applicable)*: 2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Eileen served as project manager. Kimley-Horn provided professional engineering services for design of a relocated Taxiway Golf to include demolition of the existing taxiway; grading and drainage; paving of the new taxiway; pavement markings; lighting and signage; turfing; and associated work. In adherence to FAA Advisory Circulars for runway safety requirements. Construction Cost: $2.3 million.

d.

(1) TITLE AND LOCATION *(City and State)*: **Aerostar Airport Holdings, Runway 8/26 and Taxiway Sierra Rehabilitation – San Juan Luis Muñoz Marin International Airport (SJU), San Juan, PR**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2014; CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Kimley-Horn provided design for the pavement rehabilitation of Runway 8/26, Taxiway Sierra and associated taxiway connectors. Eileen led the production which consisted of the rehabilitation of the center 9,300 feet of Runway 8/26, the parallel Taxiway Sierra (length = 3,200 feet) the taxiway connectors, and electrical work. The project included the mill and overlay of asphalt and concrete pavement on the runway and taxiway. Concrete rehabilitation work on the taxiway connectors as well as associated lighting and electrical work, pavement markings, grading, phasing as well as cost estimates, technical specifications and bidding assistance. Project Cost: $638,000

e.

(1) TITLE AND LOCATION *(City and State)*: **Professional Architectural/Engineering Services – Puerto Rico Ports Authority, Islandwide, PR**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION *(If Applicable)*: Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Kimley-Horn is under contract to provide professional engineering services for the Puerto Rico Ports Authority in their 9 airports in Puerto Rico. Services to date have included rehabilitation of Runway 8/26 at Arecibo Airport (ABO), the Study of the Reconstruction Alternatives of Runway 8-26 and Tower Site Analysis at the Aguadilla Airport (BQN) and the Regional Airport Pavement Management and Maintenance Program for all airports in the PR public system. Cost: Varies per task order.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Stephanie Lopez-Cruz, P.E.	Airfield	a. TOTAL: 4	b. WITH CURRENT FIRM: 4

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Plantation, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science/Civil Engineering	FL/Professional Engineer/84685 PR/Professional Engineer/26998

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
American Society of Civil Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Taxiway Foxtrot Pavement Rehabilitation Project - Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Resident Project Representative for the rehabilitation of pavement for Taxiway Foxtrot. The project includes the milling, resurfacing and reconstruction of 4,500 LF of airfield pavement along the western portion of Taxiway Foxtrot, including the reconstruction of the taxiway intersections to conform with current Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A, change 1, relocation of airfield guidance signs and taxiway edge lights, and pavement striping. Project Cost: $2,190,000

b.

(1) TITLE AND LOCATION *(City and State)*
East Airfield Rehabilitation and Airfield Markings – Tampa International Airport (TPA), Tampa, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2016	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Airfield engineer. This project was for the design and preparation of contract documents for the rehabilitation of asphalt pavements at Tampa International Airport within the East Airfield and for the removal and reinstallation of pavement markings airfield wide. The project included 68,000 square yards of taxiway removal, 106,000 square yards of P-401 asphalt mill/overlay, detailed/comprehensive construction phasing, new taxiway connectors, and over 600,000 square feet of airfield markings. This project required close coordination with multiple airport departments, tenants and FAA. Construction Cost: $13,900,000

c.

(1) TITLE AND LOCATION *(City and State)*
South Terminal C, Phase 1 Expansion, Orlando International Airport (MCO), Orlando, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2017	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer for the airside design of the new South Terminal C. The scope included the design of apron and taxiway pavements, pavement markings, airfield electrical, a hydrant fueling system, drainage design, and an airside roadway system. The taxiways will provide access between the new terminal and the existing airfield. Kimley-Horn assisted the airport in the location and geometry of the new taxiways to meet the FAA requirements for Runway Incursion Mitigation (RIM). The first stage of Phase I of the STC will consist of 16 gates and roughly 91 acres of pavement. Project cost: $1.8 billion (estimated)

d.

(1) TITLE AND LOCATION *(City and State)*
Aerostar Airport Holdings, Runway 8/26 and Taxiway Sierra Rehabilitation – San Juan Luis Muñoz Marin International Airport (SJU), San Juan, PR

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer. Kimley-Horn provided design for the pavement rehabilitation of Runway 8/26, Taxiway Sierra and associated taxiway connectors. Eileen led the production which consisted of the rehabilitation of the center 9,300 feet of Runway 8/26, the parallel Taxiway Sierra (length = 3,200 feet) the taxiway connectors, and electrical work. The project included the mill and overlay of asphalt and concrete pavement on the runway and taxiway. Concrete rehabilitation work on the taxiway connectors as well as associated lighting and electrical work, pavement markings, grading, phasing as well as cost estimates, technical specifications and bidding assistance. Project Cost: $638,000

e.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale-Hollywood International Airport, Rehabilitation of North Airfield Pavements, Engineered Material Arresting System Beds, and RIM, Broward County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project analyst. The Broward County Aviation Department (BCAD) has selected Kimley Horn to provide professional engineering services associated with the rehabilitation of Runway 10L/28R and other airfield pavements at Fort Lauderdale-Hollywood International Airport (FLL). This Capital Improvement Project will enable BCAD to maintain the primary runway, 10L-28R, and other airfield pavements in good operational condition. Project tasks include traffic modeling, fleet mix turning analysis, geometric evaluation, hot spot reconfiguration, pavement evaluation, pavement rehabilitation design, rehabilitation options evaluation, and life cycle cost analysis. The project will also include replacement of the EMAS beds and jet blast deflectors. Cost: $2,186,289

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Julia Focaracci, E.I.	Airfield	4	4

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Plantation, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science/Civil Engineering	FL/Engineering Intern/1100017656

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
American Society of Civil Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Fort Lauderdale-Hollywood International Airport (FLL), Terminal 4 Expansion, Fort Lauderdale, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project analyst. The replacement of Terminal 4 at Fort Lauderdale-Hollywood International Airport (FLL) is a phased program to replace the existing Concourse H. The existing concourse aircraft parking configuration has significant conflicts with the new Runway 10R/27L and the new program will resolve these issues. The program, when complete, will consist of 14 gates that replace the existing 10-gate Concourse H. The new facilities will provide more concessions, passenger amenities, and be a more environmentally friendly facility than the existing concourse. Once completed the project will be the most modern building at the airport. Cost: $874,633

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Fort Lauderdale-Hollywood International Airport, Rehabilitation of North Airfield Pavements, Engineered Material Arresting System Beds, and RIM, Broward County, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project analyst. Kimley-Horn is providing professional engineering services to rehabilitate Runway 10L/28R and other airfield pavements at FLL to maintain the primary runway and other airfield pavements in good operational condition. The scope of services includes geometric review of the airfield pavement, assessment of hotspot and runway/taxiway end geometry, runway incursion mitigation (RIM) design, existing pavement evaluation, runway and taxiway rehabilitation options benefit-cost analysis, Engineered Materials Arresting System (EMAS) evaluation and options review, environmental permitting review and development options, topographic survey, electrical systems inventory and review, stakeholders review, existing utilities review, and construction documents and design phase services. Cost: $2,186,289

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Pompano Beach Air Park, Taxiway D Relocation Pompano Beach, FL		

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project analyst. Kimley-Horn was retained by Pompano Beach to provide design, bidding, site development, and construction phase services for the relocation of Taxiway Delta. Tasks will include burrowing owl and gopher tortoise site surveys, development of plans, permitting assistance, and bid assistance.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Southwest Florida International Airport CCTV Surveillance System Upgrade, Fort Myers, FL		

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project analyst for the design of the fiber optic communications infrastructure for the security network to support approximately 400 CCTV cameras throughout the airport facility. The services included the evaluation of the candidate Video Management System (VMS), Access Control System (ACS), Perimeter Intrusion Detection System (PIDS), Network Storage for CCTV Surveillance System, CCTV cameras and network devices (e.g. L3 Ethernet Distribution switches, L2 Ethernet Access switches, servers) and generation of the Technical Specifications used for procurement.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Sheltair Northside Fixed Base Operator (FBO) at Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL	Ongoing	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project analyst. Kimley-Horn is working with Sheltair to develop a fixed base operator (FBO) on the north side of FXE. We are preparing construction drawings for site improvements that include hangar and office space and taxiway relocation. Kimley-Horn is assisting the architect for processing the site plan by providing conceptual engineering drawings identified in the scope of work.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Tomas Olivera	Landside Design	16	<1

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Plantation, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor/Civil Engineering Master of Science/Engineering Management	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Society of Hispanic Professional Engineers, American Society of Civil Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
FDOT Aviation and Spaceport Office Statewide Airfield Pavement Management Program - System Update, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2015	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Team Member. Team member. Kimley-Horn has performed the updates since 2010 to the Statewide Airfield Pavement Management Program (SAPMP) that consists of 95 public use airfield facilities in accordance with the FAA AC 150/5380-7B and 150/5380-6C with adherence to the ASTM D5340-12 in the performance of visual condition PCI Surveys. Kimley-Horn has continued the implementation and advancement of PAVER to perform condition analysis, condition forecasting, maintenance and rehabilitation, and long-range major rehabilitation planning. Kimley-Horn has enhanced the FDOT SAPMP with the implementation of robust airfield pavement network definition models using AutoCAD Civil 3D and Esri ArcMap for in-field navigation with GPS-enabled tablets and smartphones. The program consists of 95 airports at approximately 36.9M SY of airfield pavement. Cost: $316,000

b.

(1) TITLE AND LOCATION *(City and State)*
Puerto Rico Port Authority Islandwide Airport Pavement Maintenance Management Program, Puerto Rico

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Kimley-Horn was contracted to develop the first Islandwide Airfield Pavement Maintenance Management Program for the Puerto Rico Ports Authority; the program consisted of 9 public airports within the commonwealth of Puerto Rico. Engineering assessments performed consisted of a pavement condition index survey in accordance with the ASTM D5340-12 and the determination of a PCN in accordance with the FAA AC 150/5335-5C. Kimley-Horn coordinated the efforts of a visual condition assessment and a structural condition assessment with subsurface geotechnical exploration and non-destructive falling weight deflectometer testing.

c.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale-Hollywood International Airport, Rehabilitation of North Airfield Pavements, Engineered Material Arresting System Beds, and RIM, Broward County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer. The Broward County Aviation Department (BCAD) has selected Kimley Horn to provide professional engineering services associated with the rehabilitation of Runway 10L/28R and other airfield pavements at Fort Lauderdale-Hollywood International Airport (FLL). This Capital Improvement Project will enable BCAD to maintain the primary runway, 10L-28R, and other airfield pavements in good operational condition. Project tasks include traffic modeling, fleet mix turning analysis, geometric evaluation, hot spot reconfiguration, pavement evaluation, pavement rehabilitation design, rehabilitation options evaluation, and life cycle cost analysis. The project will also include replacement of the EMAS beds and jet blast deflectors. Cost: $2,186,289

d.

(1) TITLE AND LOCATION *(City and State)*
United Airlines, Chicago O'Hare International Airport C10 United Club, Chicago, IL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer. Kimley-Horn is providing design, bidding, and construction phase support for the expansion of Concourse C to accommodate a new United Airlines Club. The project includes an extension of Concourse C into the terminal apron, requiring the relocation of water main, storm pipe, and hydrant fueling. The location of the project requires minimal impacts to adjacent active international gates that are critical to United's global operations. Cost: $162,294

e.

(1) TITLE AND LOCATION *(City and State)*
Tocumen Airport Expansion, Panama City, Panama

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

manager. The responsibilities include the budgeting, staffing, scheduling, and project management for the landside and airside scope of work for this design/build project. Demonstrating experience in order to serve as key technical lead in planning/design/construction related to the aviation project. Directing the preparation, tracking and submission of the project deliverables. Preparing and tracking the different subprojects, ensuring delivery of projects on time and within budget. Serving as direct client contact. Working on the development of proposals for added scope of work and change orders. Negotiating contract fees. Managing client expectations and assuring client satisfaction related to the projects.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Stefano Viola, P.E.	Landside Design; Land Development/Utilities/ Zoning; Drainage	12	12

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Plantation, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science/Civil Engineering	FL/Professional Engineer/74655

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Florida Engineering Society, American Society of Civil Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport (FXE), Master Drainage/ Conceptual Environmental Resources Permit (ERP), Fort Lauderdale, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Serving as project manager. The City of Fort Lauderdale selected Kimley-Horn to prepare a Master Drainage/Conceptual Environmental Resources Permit (ERP) for their 678 - acre Executive Airport. The project is intended to be a guide for improving FXE's stormwater drainage systems performance and to ensure that FXE continues to meet the requirements of all applicable environmental regulatory agencies. The ERP will include a preliminary schedule of prioritized capital improvements necessary to allow FXE's stormwater systems to meet the increasing performance and regulatory demands. The ERP will also provide guidance for modernizing the existing systems while maintaining a high level of service as well as set guidelines for future development.

b.

(1) TITLE AND LOCATION *(City and State)*
Floranada Business Development Stormwater Improvements, Oakland Park, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2012	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project analyst for the design and construction of FBD/NE 6th Terrace Drainage Project. The project involved the installation of three stormwater pumping stations that will deliver stormwater via drainage force mains to three proposed Biscayne Aquifer Wells. The project also involved the connection and upsizing of antiquated drainage systems and construction of exfiltration trenches within the FBD. Professional services included stormwater analysis, civil and electrical engineering design, permitting, and construction phase services. Cost: $193,515

c.

(1) TITLE AND LOCATION *(City and State)*
Lloyd Estates Streetscape and Drainage Improvements Oakland Park, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2012	2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer for permitting elements. Also provided utility coordination. Kimley-Horn provided professional engineering services for the design and construction of the Lloyd Estates Residential and Industrial Area Drainage Project. The project involves phased drainage and water distribution system improvements consisting of the construction of a stormwater collection system with water quality treatment measures and possible upgraded outfalls, as well as replacement of select existing water mains within the project area. The professional services include surveying, stormwater analysis, civil and electrical engineering design, landscaping and irrigation, permitting, coordinating with utility providers for adjustments and or relocations, preparing quantity calculations, and engineer's estimates of probable costs. Cost: $2,740,000

d.

(1) TITLE AND LOCATION *(City and State)*
Miami Lakes Downtown Phase I and II, and Lake Patricia Roadway/Drainage Improvement Projects, Miami Lakes, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2012	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer. Kimley-Horn was involved with the design and permitting services to implement a large roadway and drainage improvement project located in Downtown Miami Lakes. The project area consisted of Bull Run Road from NW 67th Avenue south to Ludlum Road and Miami Lakeway North from NW 67th Avenue to Miami Lakes Drive. It also included Main Street and Meadow Walk from Bull Run to Miami Lakeway North. The capital project included approximately one mile of roadway restoration/resurfacing and drainage improvements in residential/business areas, curbing and sidewalk improvements, a new outfall pipe, swale restoration, signing and pavement markings, and site restoration. The drainage improvements consisted of approximately 3,000 linear feet of exfiltration trench, approximately 2,500 linear feet of HDPE piping, approximately 40 drainage structures and one outfall structure and headwall. Kimley-Horn also provided construction phase services to expedite the project, confirm the project was built in accordance with the design plans, and to minimize impacts to the community during construction. Cost: $1,240,000

e.

(1) TITLE AND LOCATION *(City and State)*
Broward Center for the Performing Arts (Esplanade) (includes renovation/expansion)

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer. Also provided utility coordination. The Broward Center of the Performing Arts is a public-private partnership which was originally constructed in 1989 and is located in the heart of the Fort Lauderdale Arts and Science District. Kimley-Horn provided the traffic access, circulation, and parking studies for the original facility. In 2012, Kimley-Horn provided traffic studies and site civil engineering for the expansion and renovation of the facility. The expansion included a production wing, an educational wing, and a pavilion along the river walk. The expansion construction started in 2013 and was completed in 2014. The six-acre site required extensive drainage modeling for an Environmental Resource Permit (ERP)/ Broward County Stormwater Permit modification. Cost: $135,698

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Gary Ratay, P.E.	Land Development/Utilities/Zoning	a. TOTAL: 31	b. WITH CURRENT FIRM: 21

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Plantation, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science/Mechanical Engineering	FL/Professional Engineer/0046682

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Florida Engineering Society, National Society of Professional Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
City of Fort Lauderdale Executive Airport (FXE) General Engineering Consultant, Fort Lauderdale, FL

(2) YEAR COMPLETED: PROFESSIONAL SERVICES 2014; CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Team Member. Kimley-Horn served as a general consultant to the City of Fort Lauderdale for FXE for more than 12 years. In that role, we have completed numerous services, including the airfield-wide rehabilitation of airside signage, lighting, and electrical services; the rehabilitation of Runway 8-26 and relocation of Taxiway Hotel; the rehabilitation of Runway 13-31; a new Airport Rescue and Fire Fighting (ARFF) station; a fiber-optic communications system connecting the airport gate system to a central computer; security improvements; relocation of Taxiway Alpha; evaluation of the existing customs facility and site selection for a new facility, design of an Aviation Equipment and Services Facility; rehabilitation of Taxiway Bravo; an Airport Master Plan and Strategic Business Plan; a pavement management study; and numerous other projects. We have truly functioned as an extension of FXE's staff, filling the gaps and helping the City as it operates one of the busiest general aviation airports in the country. Cost: $4,200,000

b.

(1) TITLE AND LOCATION *(City and State)*
North Aviation Business Park at the Piarco International Airport, Trinidad and Tobago, West Indies, Piarco

(2) YEAR COMPLETED: PROFESSIONAL SERVICES 2013; CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. Project engineer. Kimley-Horn provided design services for the 68-hectare North Aviation Business Park (NABP) Phase I infrastructure improvements at the Piarco International Airport on the Island of Trinidad for the Airports Authority of Trinidad and Tobago (AATT). Work included providing design of roadways, earthwork, water distribution mains, sewer collection and transmission mains, electrical distribution lines, street lights, dry utility conduits, box culverts, and drainage improvements. This design-build project was completed in May 2013. Cost: $1,144,600

c.

(1) TITLE AND LOCATION *(City and State)*
Miami Lakes Downtown Phase I and II, and Lake Patricia Roadway/Drainage Improvement Projects, Miami Lakes, FL

(2) YEAR COMPLETED: PROFESSIONAL SERVICES 2012; CONSTRUCTION *(If Applicable)* 2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager. Kimley-Horn was involved with the design and permitting services to implement a large roadway and drainage improvement project located in Downtown Miami Lakes. The project area consisted of Bull Run Road from NW 67th Avenue south to Ludlum Road and Miami Lakeway North from NW 67th Avenue to Miami Lakes Drive. It also included Main Street and Meadow Walk from Bull Run to Miami Lakeway North. The capital project included approximately one mile of roadway restoration/resurfacing and drainage improvements in residential/business areas, curbing and sidewalk improvements, a new outfall pipe, swale restoration, signing and pavement markings, and site restoration. The drainage improvements consisted of approximately 3,000 linear feet of exfiltration trench, approximately 2,500 linear feet of HDPE piping, approximately 40 drainage structures and one outfall structure and headwall. Kimley-Horn also provided construction phase services to expedite the project, confirm the project was built in accordance with the design plans, and to minimize impacts to the community during construction. Cost: $1,240,000

d.

(1) TITLE AND LOCATION *(City and State)*
North Miami 10-inch to 16-inch Force Main Rehabilitation (NE 131st Street and NW 2nd Avenue), North Miami, FL

(2) YEAR COMPLETED: PROFESSIONAL SERVICES 2014; CONSTRUCTION *(If Applicable)* 2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Project manager. Kimley-Horn, provided professional engineering services associated with upgrading force main transmission piping along NE 131st Street from NE 12th Avenue to NE 8th Avenue and along NW 2nd Avenue between NW 135th Street and NW 131st Street. Cost: $156,500; $990,000 (construction)

e.

(1) TITLE AND LOCATION *(City and State)*
Bid Pack 4 Water Main and Force Main Replacement Oakland Park, FL

(2) YEAR COMPLETED: PROFESSIONAL SERVICES 2011; CONSTRUCTION *(If Applicable)* 2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-charge for the replacement of more than 27,000 linear feet of water main and force main in the City of Oakland Park. The project consists of replacing existing water mains that have been identified as being substandard with respect to system pressures during fire flow. Services and meter boxes will be replaced to the property line on new water line installations and fire hydrants will be installed in residential and commercial areas. $581,087

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Lynn Kiefer	Environmental	a. TOTAL: 27	b. WITH CURRENT FIRM: 25

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Vero Beach, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Master of Science/Coastal Zone Management/Oceanography Bachelor of Science/Marine Biology	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Society of Wetland Scientists

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Daytona Beach International Airport General Consulting Services – Cutover Taxiways Y, W2 and E2, Daytona Beach, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2012 — CONSTRUCTION *(If Applicable)*: 20136

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Taxiway W2 was designed to 420' long extending from the centerline of R/W 16-34 to centerline of Taxiway W. The new pavement length is 314'. Taxiway E2 was designed at 400' long extending from the centerline of R/W 16-34 to centerline of Taxiway E. The actual new pavement length is 305'. Taxiways W2 and E2 are 90'wide (due to tapers) and designed for standard ADG III aircraft. The County of Volusia desired to prevent incursions on Runway 7R-25L at the Daytona Beach International Airport caused by aircraft taxiing south on Taxiway W. Concepts for accomplishing this included signage modification at the intersection of Taxiway Whiskey and Taxiway Sierra and eliminating this hot spot, constructing a cutover Taxiway Y connecting Taxiway S and W, and relocating Taxiways W2 and E2. Cost: $1,600,000. (construction)

b.

(1) TITLE AND LOCATION *(City and State)*: **Pompano Beach Airpark Continuing Services (including Runway 15-33 Rehabilitation), Pompano Beach, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2010 — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Environmental manager for the preparation of the Environmental Assessment for the extension of Runway 15-33. Services include listed species surveys for gopher tortoise, scrub jays and burrowing owls as well as data collection and analysis for social, natural and physical environmental effects. Responsible for the permitting of gopher tortoise and burrowing owl relocations and coordination with FAA. Ms. Kiefer is also responsible for the tree removal and mitigation permits and for providing testimony at the County Variance Hearing. Cost: $2,105,720

c.

(1) TITLE AND LOCATION *(City and State)*: **Runway 9/27 Relocation Belle Glade State Municipal Airport Belle Glade, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Environmental task manager for the preparation of the Documented Categorical Exclusion (CATEX) for the relocation of Runway 9/27 to address FAA safety guidelines. Improvements included relocation of the Runway 9/27 centerline approximately 35 feet south of its existing location as part of an interim strategy to mitigate the Part 77 Primary Surface and Runway Safety Area (RSA) concerns associated with the existing Runway and to allow the Runway Object Free Area (ROFA) to be clear of all existing obstructions. Additionally, Runway 9/27 was widened to 60 feet to meet current FAA standards. A temporary grass runway was constructed south of the construction area within the X10 infield, and was in operation during construction to minimize disruptions to the existing airport operations. A documented Categorical Exclusion was prepared and coordinated with the Orlando ADO. A Cultural Resources Assessment Survey was conducted and coordinated with the State Historic Preservation Officer and the locally recognized tribes. *This project won the 2017 Airport of the Year Award from the FDOT Aviation and Spaceports Office.* Cost: $607,835

d.

(1) TITLE AND LOCATION *(City and State)*: **Southwest Florida International Airport, Mitigation Park Fort Myers, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2012 — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager. Kimley-Horn assisted Lee County Port Authority (LCPA) in mapping and assessing the 7,000-acre mitigation park that was created to compensate for impacts with the development of a new terminal. GIS mapping and ground truthing were conducted to identify and map the exotic and nuisance species to determine if the mitigation park was in compliance with the existing state and federal permits, to assess the site conditions, and to make recommendations regarding future maintenance. Kimley-Horn prepared a detailed mitigation assessment report and provided short- and long-term maintenance recommendations for consideration by LCPA. Following completion of the assessments, Kimley-Horn prepared technical specifications package for contractor bidding. Kimley-Horn also provided construction phase services for the first phase of treatment. Cost: $57,000

e.

(1) TITLE AND LOCATION *(City and State)*: **Daytona Beach International Airport (DBIA) Tree Mitigation Project, Daytona Beach, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2015 — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Kimley-Horn assisted DBIA in implementing the recommendation in their Wildlife Hazard Management Plan to remove the trees and wetland areas on parcels immediately adjacent Runway 16/34. This included wetland delineation, permitting and mitigation coordination; gopher tortoise survey, permitting and relocation; evaluation of the existing closed landfill and preparation of a plan to avoid disturbance to the landfill; preparation of clearing and grading plans, stormwater modeling and design, access and safety plans; preparation of the Construction Safety and Phasing Plan per FAA AC 150/5370-2F; permitting; assistance with the bidding the project and preparation of the documented Categorical Exclusion for submittal to FAA. Cost: $2,057,000 (construction)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Carlos Maeda, P.E.	Grant/DBE Support	a. TOTAL: 37	b. WITH CURRENT FIRM: 7

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Orlando, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Master of Science/Management Bachelor of Science/Civil Engineering	FL/Professional Engineer/41381 PR/Professional Engineer/24769

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Society of American Military Engineers, American Association of Airport Executives, Florida Engineering Society, National Society of Professional Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Daytona Beach International Airport General Consulting Services – Cutover Taxiways Y, W2 and E2, Daytona Beach, FL

(2) YEAR COMPLETED: PROFESSIONAL SERVICES 2012 | CONSTRUCTION *(If Applicable)* 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer. Taxiway W2 was designed to 420' long extending from the centerline of R/W 16-34 to centerline of Taxiway W. The new pavement length is 314'. Taxiway E2 was designed at 400' long extending from the centerline of R/W 16-34 to centerline of Taxiway E. The actual new pavement length is 305'. Taxiways W2 and E2 are 90'wide (due to tapers) and designed for standard ADG III aircraft. The County of Volusia desired to prevent incursions on Runway 7R-25L at the Daytona Beach International Airport caused by aircraft taxiing south on Taxiway W. Concepts for accomplishing this included signage modification at the intersection of Taxiway Whiskey and Taxiway Sierra and eliminating this hot spot, constructing a cutover Taxiway Y connecting Taxiway S and W, and relocating Taxiways W2 and E2. Cost: $1,600,000. (construction)

b.

(1) TITLE AND LOCATION *(City and State)*
Pompano Beach Airpark Continuing Services (including Runway 15-33 Rehabilitation), Pompano Beach, FL

(2) YEAR COMPLETED: PROFESSIONAL SERVICES Ongoing | CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Task Manager. Provided FAA technical support and permitting support for the Reconstruct Taxiway Kilo. Cost: $2,105,720

c.

(1) TITLE AND LOCATION *(City and State)*
Broward County Aviation Department, Airport Planning Consultant Services, Broward County, FL

(2) YEAR COMPLETED: PROFESSIONAL SERVICES Ongoing | CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

QC/QA Reviewer. Kimley-Horn was selected as the prime consultant to lead the comprehensive airport planning services for Broward County Aviation Department (BCAD). The Kimley-Horn team is providing a wide range of professional and technical services in support of BCAD's airside, landside, and facilities planning initiatives. Project assigned to date include: North Perry Airport Interactive Airport Layout Plan/Three-Dimensional Airspace Analysis Programs (iALP/3DAAP), Review of Airports GIS Project, Port Everglades (PEV) Airspace Analysis, and North Perry Airport Runway Safety Enhancements EA. Cost: $5,000,000

d.

(1) TITLE AND LOCATION *(City and State)*
Aerostar, Professional Architectural/Engineering Services Islandwide, PR

(2) YEAR COMPLETED: PROFESSIONAL SERVICES Ongoing | CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

QC/QA Reviewer. Kimley-Horn Puerto Rico, LLC is under contract to provide professional engineering services for the Luis Munoz Marin International Airport. Services to date have included rehabilitation of Runway 8/26 at SJU and safety management system implementation. Cost: Varies per task order

e.

(1) TITLE AND LOCATION *(City and State)*
Orlando International Airport (OIA) Continuing Civil Engineering Services, Orlando, FL

(2) YEAR COMPLETED: PROFESSIONAL SERVICES Ongoing | CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer. Since 2008, Kimley-Horn has been serving the Greater Orlando Aviation Authority (GOAA) as one of their continuing civil engineering prime consultants. Through this contract, we have developed strong relationships with GOAA staff, knowledge of GOAA's policies and procedures, and a thorough understanding of OIA's operations and safety requirements. Involved with the following project: BP-433: Runway 17L-35R Joint Repairs – Kimley-Horn provided pavement distress survey and rehabilitation design for the rehabilitation of all joints (from preformed to silicone) on the 9,000 foot long Runway 17L-35R. The repairs consisted of re-sealing concrete pavement joints, removing and replacing full-strength runway concrete pavement, and airfield lights as necessary. Kimley-Horn also worked with GOAA Airfield Operations staff to replace pavement markings on OIA's 17R complex. Kimley-Horn also provided construction administration inspections and services for the joint sealant and slab repairs within the 150-foot-wide by 9,000-foot-long boundaries of Runway 17L-35R pavement. Contract amount: >$2,000,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jonathan Haigh, PLA, ASLA	Landscape Architecture	a. TOTAL: 22	b. WITH CURRENT FIRM: 13

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., West Palm Beach, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Landscape Architecture/Landscape Architecture	FL/Prof Landscape Architect/6666795

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
American Society of Landscape Architects

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Opa-locka Executive Airport (OPF), Air Traffic Control Tower (ATCT), Opa-locka, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: | CONSTRUCTION *(If Applicable)*: 2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape architect. Kimley-Horn provided design, permitting, and construction phase services for the construction of a 220-foot-tall new air traffic control tower (ATCT) and a 2,980-square-foot ancillary base building at the Opa-Locka Executive Airport (OPF). This comprehensive design included architectural, structural, mechanical, electrical, plumbing, civil, landscape architecture, and radio equipment. In addition to these services, Kimley-Horn also provided special inspection services for the review of precast components, foundation construction, steel installation, and threshold inspection. Cost: $1,100,000

b.

(1) TITLE AND LOCATION *(City and State)*: **P-8A Simulator JAX Naval Air Station (NAS) Training Facility, Jacksonville, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2012 | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape architect for design of a 165,665-square-foot operational training facility for Multi-Mission Maritime Aircraft (MMA)/P-8A is located at the Jacksonville Naval Air Station base in Jacksonville. The facility includes an area to place 10 Operational Flight Trainers (OFT), a two-story administrative office space, and a meeting and conference center. As a subconsultant to the lead architect, Kimley-Horn provided site planning, landscape architecture, LEED certification assistance, and site civil engineering. The project will pursue LEED-NC Gold certification. Cost: $345,677

c.

(1) TITLE AND LOCATION *(City and State)*: **15th Street Streetscape West Palm Beach, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2015 | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager and landscape architect. Kimley-Horn developed plans for streetscape improvements for 15th Street in West Palm Beach. This streetscape features a full complement of Complete Streets elements, such as dedicated bike lanes, on street parking, improved accessibility, street furnishings, and new landscaping. The bike lanes will be emphasized with a green performance asphalt coating. The street also features new bulb-out islands to help better define and organize parking as well as act as percolating bioswales that will take in stormwater from the existing gutter. Kimley-Horn developed plans for streetscape improvements for 15th Street in West Palm Beach This streetscape features a full complement of Complete Streets elements, such as dedicated bike lanes, on street parking, improved accessibility, street furnishings, and new landscaping. The bike lanes are emphasized with a green performance asphalt coating. The street also features new bulb-out islands to help better define and organize parking as well as percolating bioswales that will take in stormwater from the existing gutter. Cost: $124,000

d.

(1) TITLE AND LOCATION *(City and State)*: **Boynton Beach Boulevard Design from East of I-95 to US-1 Boynton Beach, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape architect providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of I-95 to US-1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and expanded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services. Project Cost: $570,000

e.

(1) TITLE AND LOCATION *(City and State)*: **SR A1A Streetscape Improvements Fort Lauderdale, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing | CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape architect. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project consists of improving the sidewalk on both sides of the street outside of the curbing in order to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant cafÃ© zone, and improve pedestrian experience while walking along the beach and to its businesses. The trees and light poles are being consolidated near the back of curb to open up the pedestrian zone and provide a clear walking path. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project. Cost: $1812,696

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Adam Kerr, P.E.	Traffic	16	16

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., West Palm Beach, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science/Civil Engineering	FL/Professional Engineer/64773

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Boca Raton Continuing Traffic Engineering Services
Boca Raton, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Transportation engineer for traffic engineering review services on an ongoing basis. Services include review of traffic concurrency studies, parking studies, and technical deviation requests. Kimley-Horn has reviewed traffic and parking studies for a large student housing complex proposed to serve Florida Atlantic University students, a redevelopment of the Glades Plaza Shopping Center, and the redevelopment of a convenience store along Glades Road. Also provides assistance to City staff, meets with applicants, and supports City staff at public hearings. Cost: Varies per task order

b.

(1) TITLE AND LOCATION *(City and State)*
Wiles Road Design from Riverside Drive to Rock Island Road
Broward County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. One of the major accomplishments of this segment's design was to work with all stakeholders to avoid issues related to private property impacts given the narrow corridor and proximity of private features. Another major accomplishment was an innovative drainage solution that added new outfalls through City owned property to an existing undersized drainage system to avoid reconstructing the entire Wiles Road system. We coordinated closely with the County to tackle issues related to the narrow areas of the corridor, including a balance between traffic lane, sidewalk and bike lane widths. This segment had grant funding from FDOT and the improvements included roadway design, Complete Streets design, drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination, permitting coordination with the City of Coral Springs and detailed traffic control plans. The project required extensive landscape plans and coordination to resolve issues related to private landscape encroachments into County right of way. Our team provided tree mitigation permit services and coordinated with both County and City forester. We incorporated the Broward Complete Streets guidelines on this project (also prepared by Kimley-Horn), which were endorsed by the Broward MPO. Cost: $1,095,357

c.

(1) TITLE AND LOCATION *(City and State)*
City of Miramar Continuing Engineering Services
Miramar, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Lead traffic engineer providing on call traffic engineering services. Areas of assistance include review of traffic impact analyses and parking studies specific to development applications. Additional services include involvement as a member of the City of Miramar's land development staff to provide traffic and transportation input to the Planning and Zoning Board and the City Commission for traffic operation issues and proposed development site plans. Cost: $1,300,000

d.

(1) TITLE AND LOCATION *(City and State)*
I-95 Master Plan for 17 Interchanges from Linton Blvd. to Northlake Blvd., FDOT District Four

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2016	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Traffic engineer for this project that entailed the identification of 17 interchange improvement projects (from south of Linton Boulevard to north of Northlake Boulevard) that could move into the design phase in FY 2013/14 and FY 2014/2015. To accomplish this, Kimley-Horn developed a methodology that proposed a two-tier approach to identify and prioritize those interchanges that could advance quickly and have conceptual improvement plans completed by July 1, 2013; the remaining interchange studies were completed by February 2015 and documented in an Interchange Master Plan (IMP). Cost: $1,615,874

e.

(1) TITLE AND LOCATION *(City and State)*
General Traffic Services
Boca Raton, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm

Prepared reviews and comments of traffic studies and site plans as part of the City's development review process. Prepared signal modification plans at the intersection of Spanish River Boulevard and SR A1A.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Mike Russell	Security	28	23

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Plantation, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science/Computer Science	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport (FXE) General Engineering Consultant, Fort Lauderdale, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. Fort Lauderdale Executive Airport Telecommunications, Video, and Gate Security, FL â€" Project engineer for Ethernet/IP telecommunications infrastructure, equipment selection, certification and testing, gate modifications, integration of security technologies, topology, and architecture development as proof of concept and deployment. The deployment includes 28 gate stations, six miles of fiber infrastructure, and 46 CCTV cameras on poles. Cost: $4,200,000

b.

(1) TITLE AND LOCATION *(City and State)*
Miami International Airport (MIA) Airfield Security Miami, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2009	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer for telecommunications infrastructure, equipment selection, certification and testing, gate modifications, integration of security technologies, topology, and architecture development as proof of concept and deployment. Cost: $7,500,000

c.

(1) TITLE AND LOCATION *(City and State)*
US 441 (SR 7) Prospect Road "Breeze" Bus Queue Jumper Fort Lauderdale, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2008	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Systems engineer on the Kimley-Horn team that provided planning and design services for two transit signal priority (TSP) projects in Broward County, including a bus queue jumper lane at the US 441/Prospect Road intersection. We prepared system functional requirements for the queue jumper function. In addition, Kimley-Horn prepared the signal design plan set for this queue jumper demonstration project. Cost: $200,000

d.

(1) TITLE AND LOCATION *(City and State)*
Broward County Advanced Traffic Management System (ATMS) Communications Design, Broward County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. Assistant project manager and project engineer for Ethernet/IP communications infrastructure, equipment selection, testing of technologies, topology, and architecture development as proof of concept for deployment. The deployment includes 500+ intersections 28, 20+ dynamic message signs, 50+ closed circuit televisions, and fiber infrastructure. Cost; $2,400,000

e.

(1) TITLE AND LOCATION *(City and State)*
Miami-Dade Advanced Traffic Management System (ATMS) Miami-Dade County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2017	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager for integration and operations of ATMS controller integration, infrastructure upgrade, equipment selection, alpha-test, and deployment. The deployment includes more than 2,700 intersections. Cost: $2,00,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Adolfo J. Cotilla, Jr., AIA	**President & CEO**	**38**	**33**

15. FIRM NAME AND LOCATION *(City and State)*

ACAI Associates, Inc. – Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Master of Fine Arts in Architecture, University of Florida	Registered Architect Florida (#8011), New York (#4040282), Puerto Rico (#19882), Georgia (#RA012877) Registered General Contractor (#CGC010769)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

AIA – American Institute of Architects
NTHP – National Trust for Historic Preservation
RCI - Roofing Consultants Institute
NRCA - National Roofing Contractors Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport Administration Building
Fort Lauderdale, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2013	**N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

As Principal-in-Charge Mr. Cotilla was responsible for communicating with the ACAI project manager and lead consultant, Kimley-Horn to ensure that the ACAI team managed the architectural schematic evaluations for the interior and exterior renovations to the FXE Airport Administration building. The architectural evaluations included the addition of patio and lanai space at rear of facility, replacing storefront at large conference room, replacement of restroom fixtures, floor carpet, ceiling tile, light fixtures, providing lighting controls, new paint scheme, replace entire HVAC system and components, provide building signage, evaluate roof leaks and provide probable cost estimate as well as provide an evaluation of achieving LEED certification for the project. Cost: $11,412

b.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport General Engineering Services
Fort Lauderdale, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2013	**N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

For this contract ACAI was the architect on the Kimley-Horn team. In his role as principal-in-charge Mr. Cotilla was responsible for ensuring that all members of the ACAI team fulfill their responsibilities to the prime consultant and FXE staff. Some of the services provided included schematic evaluations, addition of patio and lania space, roofing services, and cost estimating. Cost: $586,904

c.

(1) TITLE AND LOCATION *(City and State)*
Broward County Aviation Department Airports Planning Services
Broward, County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2013	**N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

Working with the prime consultant, Leigh Fisher, Inc., ACAI provided continuing planning and design services for the Broward County Aviation Department. In his role as principal-in-charge for the ACAI team Mr. Cotilla oversaw that the development of Design Guidelines for Fort Lauderdale - Hollywood International Airport (FLL). The scope of services included the production of design standards for the terminal areas of FLL. The goal of these standards is to establish a general direction for all future development of the terminal areas; create a descriptive criterion regarding appearance, cost and maintenance goals; establish a format for the Guidelines and establish a process for the implementation of the Guidelines. Cost: $199,410

d.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport ARFF
Fort Lauderdale, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2008	**2008**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

As principal-in-charge Mr. Cotilla oversaw the management of the ACAI team ensuring that the design criteria, programming, construction management, and architectural and engineering services were complete to the FXE's expectation. The ARFF is a consolidation of the city's multiple Fire Fighting activities under one roof. Housed in 24,000 sq. ft. of space the facility includes apparatus area, the City's west Emergency Operations Center, and Fire and Rescue Training Facilities. The two-story structure contains fire department related offices, kitchen facilities, and sleeping quarters for 12 firefighters. The facility has been designed to handle airport runway emergencies as well as landside and City fire emergencies and is serviced by an emergency generator to prevent any disruption of service to the community. Cost: $173,987

e.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport Administration Building
Addition and Renovation, Fort Lauderdale, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Ongoing	**N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

As principal-in-charge Mr. Cotilla is overseeing the preparation of construction documents for the addition and renovations to the FXE Administration Building. The tasks involve converting the existing conference room into offices, adding a new conference/multi-purpose room, and a new patio. Cost to date: $73,090

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
W. Randy Scott	**Project Manager**	**25**	**10**

15. FIRM NAME AND LOCATION *(City and State)*

ACAI Associates, Inc. – Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
B.A. Architecture, Southern University	N/A

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Certifications: ADA Coordinator

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport Administration Building
Fort Lauderdale, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2013	**N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

In his role as project manager Mr. Scott managed prepared the architectural schematic evaluations for the interior and exterior renovations to the FXE Airport Administration building. The architectural evaluations included the addition of patio and lanai space at rear of facility, replacing storefront at large conference room, replacement of restroom fixtures, floor carpet, ceiling tile, light fixtures, providing lighting controls, new paint scheme, replace entire HVAC system and components, provide building signage, evaluate roof leaks and provide probable cost estimate as well as provide an evaluation of achieving LEED certification for the project. Cost: $11,412

b.

(1) TITLE AND LOCATION *(City and State)*
Broward County Aviation Department Airports Planning Services
Broward, County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2013	**N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

Working with the prime consultant, Leigh Fisher, Inc., ACAI provided continuing planning and design services for the Broward County Aviation Department. In his role as project manage for the ACAI team Mr. Scott was responsible for the development of Design Guidelines for Fort Lauderdale - Hollywood International Airport (FLL). The scope of services included the production of design standards for the terminal areas of FLL. The goal of these standards is to establish a general direction for all future development of the terminal areas; create a descriptive criterion regarding appearance, cost and maintenance goals; establish a format for the Guidelines and establish a process for the implementation of the Guidelines. Cost: $199,410

c.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport ARFF
Fort Lauderdale, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2008	**2008**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

Mr. Scott was the project manager for the ACAI team for the design criteria, programming, construction management, and architectural and engineering services. The ARFF is a consolidation of the city's multiple Fire Fighting activities under one roof. Housed in 24,000 sq. ft. of space the facility includes apparatus area, the City's west Emergency Operations Center, and Fire and Rescue Training Facilities. The two-story structure contains fire department related offices, kitchen facilities, and sleeping quarters for 12 firefighters. The facility has been designed to handle airport runway emergencies as well as landside and City fire emergencies and is serviced by an emergency generator to prevent any disruption of service to the community. Cost: $173,987

d.

(1) TITLE AND LOCATION *(City and State)*
Fort Lauderdale Executive Airport Administration Building Addition and Renovation, Fort Lauderdale, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Ongoing	**N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

Mr. Scott is the ACAI project manager on this contract with the prime consultant HDR. As project manager Mr. Scott is responsible for is managing the ACAI team as well as assisting with the preparation of construction documents for the addition and renovations to the FXE Administration Building. The tasks involve converting the existing conference room into offices, adding a new conference/multi-purpose room, and a new patio. Cost to date: $73,090

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Paul Pannier, AIA, LEED AP, EDAC	**Architect**	**33**	**5**

15. FIRM NAME AND LOCATION *(City and State)*

ACAI Associates, Inc. – Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
B.A. Architecture, University of Kansas A.S. Architecture, Southern Illinois	Registered Architect Florida (AR91829)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Certifications: EDAC – Evidence-Based Design Accreditation & Certification; LEED Accredited Professional
Affiliations: AIA – American Institute of Architects

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Fort Lauderdale-Hollywood International Airport Terminal 4 Reconfiguration and Expansion of Federal Inspection Services Facility (FIS), Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: **Ongoing** — CONSTRUCTION *(If applicable)*: **Ongoing**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

In his role as project manager, Mr. Pannier is responsible for coordinating user group meetings, and overall design coordination for architectural and engineering services. He is also responsible for managing the ten subconsultants on the team through all phases of design; programming to construction administration. The project involved the renovation and expansion of 120,000 SF of the Federal Inspection Station (FIS) at Terminal 4. This project is one of the first in the US to implement the next generation of Customs and Border Protection technology and use Automated Passport Control (APC) kiosks. The project was designed in phases to accommodate the uninterrupted ability of the facility to process up to 1200 Passengers per hour, with the ability to expand to 1800 passengers per hour. Cost: $2.5mil

b.

(1) TITLE AND LOCATION *(City and State)*: **FLL – Southwest Airlines Terminal 1 – Concourse A Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: **Ongoing** — CONSTRUCTION *(If applicable)*: **Ongoing**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

Southwest Airlines Concourse A line MX Expansion is a 9,000 SF facility renovation inside Terminal 1 of the Fort Lauderdale-Hollywood International Airport. The Scope of work includes storage and business areas with rooms for lockers, equipment, records, oxygen tanks, compressors, a break area, a conference area, offices, open work areas and storage for tools with work tables. As the project manager for this contract Mr. Pannier is responsible for coordinating site visits, user group reviews and overall design delivery. Cost: $190,330 (concourse A and B)

c.

(1) TITLE AND LOCATION *(City and State)*: **FLL – Southwest Airlines Terminal 1 – Concourse B Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: **Ongoing** — CONSTRUCTION *(If applicable)*: **Ongoing**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

Southwest Airlines Concourse B Expansion is a relocation and expansion of the ground operations area. The new facility is a 17,300 SF space with a station service area, operations area, ramp supervisors' area, training room with offices for training managers, command center, large employee break room, lockers for men and women, and offices with a large conference room. The project is to be completed in phases to allow ongoing operations of the departments. As the project manager Mr. Pannier is responsible for overseeing user group meetings and overall design coordination for architectural and engineering services. Cost: $190,330 (concourse A and B)

d.

(1) TITLE AND LOCATION *(City and State)*: **Fort Lauderdale-Hollywood International Airport Master Plan Design Guidelines Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: **2017** — CONSTRUCTION *(If applicable)*: **N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **X** Check if project performed with current firm

As the project manager for this contract, Mr. Pannier was responsible for coordinating all group meetings as well as overall design services. The project included developing design guidelines for the terminal areas of Fort Lauderdale International Airport and BIM Standards Airport-wide. The goal of these documents was to establish a general direction for all future developments, including the terminal areas; create descriptive criteria regarding appearance, cost and maintenance goals; and establish a format a process for the implementation of all project delivery and facility management. Cost: $44,293

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Marc A. Fermanian, MSCE, P.E.	Civil Engineer	26	18

15. FIRM NAME AND LOCATION *(City and State)*
CRJ & Associates, Inc.- 2699 Stirling Road, Suite B-201, Ft. Lauderdale, Florida

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
University of South Florida Masters of Science Civil Engineering University of Massachusets-Lowell Bachelor of Science Civil Engineering	Professional Civil Engineer #52626

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Interior Service Road (Phase 2), Opa -Locka Executive Airport Opa-Locka, Florida	ongoing	ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Engineer, Civil Site Design & Inspection - Modifications to roadway alignment in order to best facilitate future FBO development; Alignment modifications to remain compliant to Taxiway Object Free Area of 130 ft. Since the project was not originally part of the Airports Master Plan; CRJ had to file for a SFWMD ERP Major Modification to OPF's existing SFWMD Permit. An individual ERP Application was filed and CRJ has successfully completed the permitting efforts with no changes to our stormwater design. The total construction site area was determined to be 20.4 Acres that incudes both a new roadway and a segment of existing roadway requiring mill and overlay for handling fuel trucks, as necessary. Total Compensation: $149,620 Construction Cost: $2.7 M

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Parcel S-5 / Parcel Opt. 1 Development Palm Beach International Airport - Galaxy Aviation	2013	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Engineer, Civil Site Design & Project Manager - Marc was responsible for the civil site design and construction management for the largest fixed based operaror's site development at PBIA. The concept was to take an abandoned landside restaurant and convert it into a 9.19 Acre site development. Marc oversaw this project from concept to completion.
Total Compensation: $165,000 Construction Cost: $6.4 M

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Airfield Lighting Rehabilitation Ft. Lauderdale Executive Airport, Ft. Lauderdale, Florida	ongoing	ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Engineer & Inspector - This is an airfield lighting project to update FXE by replacing Quartz fixtures with LED on the Taxiways and Runways. Marc is responsible for the construction inspection services team, ensuring that proper procedures are followed and materials are used per the plans and specifications. He also assists with ensuring that quantities are tracked and calculated correctly.
Total Compensation: $132,500 Construction Cost: $2.8 M

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Runway 8R-26L Pavement Rehabilitation Miami International Airport, Miami, Florida	2011	2011

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Engineer & Inspector - The project consisted of roughly 130,000 Tons of asphalt, and the design of airfield lighting and circuits to illuminate over 2,000 fixtures. Marc was responsible for the overall CIS management, which included: scheduling construction, writing work orders, comprising a daily effort for tracking quantities, reviewing inspector reports, monitoring as-builts and project closeout.
Total Compensation: $210,000 Construction Cost: $28 M

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Tank Farm Utilities Modification Miami International Airport, Miami, Florida	ongoing	ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Engineer, Civil Site Design & Project Manager - This projects objective is to revise and update existing overhead utilities to underground utility trenches. Marc is part of the team responsible for the design and also consulting services. In addition, he was also involved in the design of the MOT plan, and security measures on the AOA.
Total Compensation: $170,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Sheryl A. Dickey	President/Project Manager	a. TOTAL: 30	b. CURRENT FIRM: 21

15. FIRM NAME AND LOCATION *(City and State)*
Dickey Consulting Services, Inc., Fort Lauderdale, FL

16. EDUCATION *(Degree and Specialization)*
B.S.S.W.

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Certification – Charrette Planner and Public Meeting Facilitator – Virginia Tech

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Justina I. Hicklyn	Project Coordinator	a. TOTAL: 8	b. CURRENT FIRM: 5

15. FIRM NAME AND LOCATION *(City and State)*
Dickey Consulting Services, Inc., Fort Lauderdale, FL

16. EDUCATION (Degree and Specialization)
Bachelor of Science

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
N/A

19. REVELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Public Relations and Community Awareness Services,
South County Neighborhood Improvement Project
Broward County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 1999-2016
CONSTRUCTION*(if applicable):*

(3) BRIEF DESCRIPTION AND SPECIFIC ROLE

☐ Check if project performed with current firm

Provide assistance to the staff relative to the public awareness program. Development of a database tracking system for community concerns and responses to the project team for management purposes. Prepare project collateral brochures, flyers, fact sheets, notification letters, news articles, and public notices. Dissemination of brochures, flyers, and notices. Prepare a database of homeowners, residents and businesses. Attend meetings with established neighborhood associations or community groups, schools, PTA's, and business owners. Attend progress meetings and provide coordination assistance during construction. Development and distribution of a newsletter for residents and businesses.

Ref: Pat Gibney, Craven Thompson & Associates, 954/739-6400

b.

(1) TITLE AND LOCATION *(City and State)*
Public Relations and Community Awareness Services North Central Neighborhood Improvement Project Broward County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: May 2002-2013
CONSTRUCTION*(if applicable):*

(3) BRIEF DESCRIPTION AND SPECIFIC ROLE

☐ Check if project performed with current firm

Provided assistance relative to the public awareness program. Prepared project collateral brochures, flyers, fact sheets, notification letters, news articles, and public notices. Dissemination of brochures, flyers, and notices. Prepared a database of homeowners, residents and businesses. Attended meetings with established neighborhood associations or community groups, schools, PTA's, and business owners. Attended progress meetings and provided coordination assistance during construction. Development and distribution of a newsletter for residents and businesses. DCS provided public awareness, public relations coordination and community services.

Ref: Pat Gibney, Craven Thompson & Associates, 954/739-6400

c.

1) TITLE AND LOCATION *(City and State)*
Public Relations and Community Awareness Services, North County Neighborhood Improvement Project – Broward Co., FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: Oct 2002-2014
CONSTRUCTION*(if applicable):*

(3) BRIEF DESCRIPTION AND SPECIFIC ROLE

☐ Check if project performed with current firm

Provided assistance to the staff relative to the public awareness program. Prepared project collateral brochures, flyers, fact sheets, notification letters, news articles, and public notices. Dissemination of brochures, flyers, and notices. Prepared a database of homeowners, residents and businesses. Attended meetings with established neighborhood associations or community groups, schools, PTA's, and business owners. Attended progress meetings and provide coordination assistance during construction. Development and distribution of a newsletter for residents and businesses.

Ref: Pat Gibney, Craven Thompson & Assoc. 954/739-6400

d.

1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
City of Ft. Lauderdale Water & Wastewater Capital Improvement Program (WaterWorks 2011) Ft. Lauderdale, FL	PROFESSIONAL SERVICES: Oct 2001-2012	CONSTRUCTION*(if applicable):*

(3) BRIEF DESCRIPTION AND SPECIFIC ROLE ☐ Check if project performed with current firm

Provided Professional Consulting Services in support of the planning and implementation of Public Communication and Public Outreach activities for the Program Management team. Developed and maintained detailed stakeholder and points of communication lists for diverse elements of the City of Fort Lauderdale community; Developed and implemented media communication plans to create positive public perception and support for the program to promote a positive image for the program Management team; Developed communication and outreach activity plans detailing specific events and messages to targeted stakeholders, and programming of communication and outreach activities; Prepared documents and graphics for use in public communication activities. Coordinated and managed public communication events.

Ref: Luis Rioseco, CH2M Hill 954/522-2604

e.

1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
UAZ 310 WWS/WWED Project #100829 Broward County, FL	PROFESSIONAL SERVICES: April 2015 - Present	CONSTRUCTION*(if applicable):*

(3) BRIEF DESCRIPTION AND SPECIFIC ROLE ☐ Check if project performed with current firm

DCS has successfully established a public awareness program which includes but is not limited to various public relations efforts between the county/engineer/contractor and the affected communities. Developed and maintain a database of homeowners, residents and businesses; which is used to distribute a weekly Traffic Impact Reports and new developments throughout the project. Tasks also, include attending the bi-weekly progress meeting, responding to inquiries from residents regarding the construction, conducting site visits several times per week and providing a written report and photographs.

Ref: Pat Gibney, Craven Thompson & Assoc. 954/739-6400

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Amy Champagne Baker, P.E.	Electrical Design	21	21

15. FIRM NAME AND LOCATION *(City and State)*

Hillers Electrical Engineering, Boca Raton, FL.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BSEE/1997/Electrical Engineering	FL/#73735 CT #27854

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Amy Champagne Baker Project Engineer, brings to this project over 21 years of electrical design and project management experience on major air carrier aviation airport runways, taxiways and apron edge lighting systems, instrumentation landing systems, airfield electrical vaults water and wastewater facilities, water management pumping stations, structures, lift stations, state-of-the-art distributed control systems, DOT expressways, interchanges, toll plazas, toll collection, bridges implementation of commercial – industrial load control program systems for large industrial power users, value engineering, energy audits, cost estimates, testing, startups, lighting systems, security systems, low and medium voltage distribution systems, normal and stand-by generation for facilities in the U.S. and internationally.

19. RELEVANT PROJECTS

a.

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

PBIA Rehabilitation of Taxiway C, Palm Beach International Airport, West Palm Beach, Florida

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	On-going

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed for Taxiway Systems (10,000 ft.), taxiway connectors electrical & lighting systems, LED lighting fixtures, guidance signage, RGL system, airfield lighting vault electrical and airfield lighting computer control monitoring system modifications, Provided construction administrative services.

Electrical construction cost: $1.1M. Project ongoing. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

b.

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

PBIA Taxiway Alpha Rehabilitation, Palm Beach International Airport, West Palm Beach, Florida

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed for Taxiway Systems (3,000 ft.), taxiway connectors electrical & lighting systems, LED lighting fixtures, guidance signage, non-taxi islands, airfield lighting vault electrical and airfield lighting computer control monitoring system modifications, Provided construction administrative services.

Electrical construction cost: $850K. Project completed 2017. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

c.

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

PBIA Construct Taxiway W, Palm Beach International Airport, West Palm Beach, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed for Taxiway Systems (4,000 ft.), taxiway connectors electrical & lighting systems, LED lighting fixtures, guidance signage, airfield lighting vault electrical and airfield lighting computer control monitoring system modifications, Provided construction administrative services.

Electrical construction cost: $500KM. Project completed 2016. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

d.

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

Palm Beach County Department of Airports - Runway Signage and Marking Re-Designation Project

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed new runway ant taxiway signage replacement for general aviation airports. Included Provided construction administrative services.

Electrical construction cost: $500K. Project Ongoing. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

e.

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

FLL WP-304/305 Runway, Crossfield Taxiways & Holdpad Paving, Lighting and Signage, Ft. Lauderdale International Airport, Ft. Lauderdale, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2013	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed for new Runway 9R-27L (8,000 ft.), (6) taxiways and (19) connectors electrical & lighting systems, included (250) in pavement lighting fixtures and (700) elevated lighting fixtures, guidance signage, (2) FAA MALSF systems, airfield lighting vault electrical and airfield lighting computer control monitoring system modifications, (2) BCAD PAPI systems, (3) wind cones, and power and control distribution ductbank systems for (6) FAA NAVAIDS systems. Providing construction administrative services.

Estimated construction budget: $13.8M. David Roepnack – BCAD Project Manager. Project completed 2017.

☒ Check if project performed with current firm

STANDARD FORM 330 (6/2004)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
James Kappes, P.E.	Electrical Design	12	12

15. FIRM NAME AND LOCATION *(City and State)*

Hillers Electrical Engineering, Boca Raton, FL.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BSEE/2005/Electrical Engineering	FL/#71499

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

James Kappes, P.E. brings to this project over 12 years of electrical design and project management experience on major air carrier aviation airport runways, taxiways and apron edge lighting systems, instrumentation landing systems, airfield electrical vaults, water and wastewater facilities, water management pumping stations, lift stations, state-of-the-art distributed control systems, DOT expressways, interchanges, value engineering, energy audits, cost estimates, testing, startups, lighting systems, security systems, fire alarm system, low and medium voltage distribution systems, normal and stand-by generation, short circuit calculations, fault current calculations, protective device coordination, arc flash analysis, and power, control, instrumentation for facilities in the U.S. and internationally.

19. RELEVANT PROJECTS

a.

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

FLL WP-304/305 Runway, Crossfield Taxiways & Holdpad Paving, Lighting and Signage, Ft. Lauderdale International Airport, Ft. Lauderdale, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2013	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed for new Runway 9R-27L (8,000 ft.), (6) taxiways and (19) connectors electrical & lighting systems, included (250) in pavement lighting fixtures and (700) elevated lighting fixtures, guidance signage, (2) FAA MALSF systems, airfield lighting vault electrical and airfield lighting computer control monitoring system modifications, (2) BCAD PAPI systems, (3) wind cones, and power and control distribution ductbank systems for (6) FAA NAVAIDS systems. Providing construction administrative services.

Estimated construction budget: $13.8M. David Roepnack – BCAD Project Manager

☒ Check if project performed with current firm

b.

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

Palm Beach County Glades Airport Airfield Electrical Improvement, Palm Beach International Airport, West Palm Beach, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2012	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed 4,100 Ft. runway and parallel taxiway edge lighting system, guidance signage, (2) REIL Systems, (2) two-box PAPI systems, airport lighted beacon and tower, apron lighting system, airfield electrical vault building, and airfield vault electrical distribution systems. Provided construction services.

Electrical construction cost: $1.5M. Project completed 2014. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

c.

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

PBIA Runway 10L-28R Pavement Rehabilitation, Palm Beach International Airport, West Palm Beach, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2012	2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed for Runway 10L-28R (10,000 ft.), (22) taxiway connectors electrical & lighting systems, (300) in pavement lighting fixtures, guidance signage, FAA MALSR system, airfield lighting vault electrical and airfield lighting computer control monitoring system modifications, (8) runway guard lighting bar systems and (3) LAHSO systems. Provided construction administrative services.

Electrical construction cost: $3M. Project completed 2013. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

d.

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

Palm Beach County Department of Airports - Runway 10R-28L Rehabilitation, West Palm Beach, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed new taxiway edge lighting system, new mandatory & guidance signage systems, new elevated guard lights, conductors & conduit systems, modifications to existing airfield lighting control system. Provided full construction services.

Electrical construction cost: $500K. Project completed 2017. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

e.

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

Palm Beach County Department of Airports - Taxiway A Rehabilitation, West Palm Beach, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2014	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed new taxiway edge lighting system, new mandatory & guidance signage systems, conductors & conduit systems, modifications to existing airfield lighting control system. Provided full construction services.

Electrical construction cost: $600K. Project completed 2017. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

STANDARD FORM 330 (6/2004)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Michael Beldowicz, P.E.	Construction Services	18	3

15. FIRM NAME AND LOCATION *(City and State)*

Hillers Electrical Engineering, Boca Raton, FL.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BSCE/2000/Civil Engineering	Florida - # 63849

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Michael Beldowicz, P.E. brings to this project over 18 years of civil design and project management experience on major air carrier aviation airport runways, taxiways and apron edge lighting systems, instrumentation landing systems, airfield electrical vaults, water and wastewater facilities, water management pumping stations, lift stations, state-of-the-art distributed control systems, DOT expressways, interchanges, value engineering, energy audits, cost estimates, testing, startups, lighting systems, low and medium voltage distribution systems, for facilities in the U.S. and internationally.

19. RELEVANT PROJECTS

a.

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

PBIA Golfview Infrastructure Phase 1, Palm Beach International Airport, West Palm Beach, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2013	On Going

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Full time construction oversight to install infrastructure to support the future development of the area referred to as Golfview at PBI. Installation included ductbanks to support FPL, AT&T, Comcast and Airport communications and a new service point for new street lighting and a lift station. Required extensive coordination with the utility agencies in order to phase the work such that there were no interruptions in service.

Projected electrical construction cost: $2.16M. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

b.

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

PBIA Rehabilitation of Taxiway C, Palm Beach International Airport, West Palm Beach, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	On Going

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Full time construction oversight to rehabilitate the full 10,000 foot length of Taxiway Charlie. Included new edge lights to support any geometry changes, the redesignation of the taxiway connectors names, installation of a new homerun circuit and associated junction can plazas, new signage and extensive vault modifications. Vault modifications included the relocation of several existing regulators, installation of new regulators and breaker changes in the distribution panels.

Projected electrical construction cost: $1.1M. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

c.

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

PBIA Construct Taxiway W, Palm Beach International Airport, West Palm Beach, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Full time construction oversight for the construction of new Taxiway Whiskey at the airport. The new taxiway built to service Netjets included the installation of a new ductbank system servicing the taxiway, edge lights, signs and electrical vault modifications

Electrical construction cost: $500K. Project completed 2017.

Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

d.

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

PBIA Taxiway Alpha Rehabilitation, Palm Beach International Airport, West Palm Beach, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Full time construction oversight to rehabilitate Taxiway Alpha at PBI. Task included building a new island to split the current A1 connector into two separate connectors. Also included the installation of new edge lights, signs and vault modifications.

Electrical construction cost: $850K. Project completed 2017.

Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

e.

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

Palm Beach County Glades Airport Airfield Electrical Improvement, Palm Beach International Airport, West Palm Beach, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2012	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Designed 4,100 Ft. runway and parallel taxiway edge lighting system, guidance signage, (2) REIL Systems, (2) two-box PAPI systems, airport lighted beacon and tower, apron lighting system, airfield electrical vault building, and airfield vault electrical distribution systems. Provided construction services.

Electrical construction cost: $1.5M. Project completed 2014. Cindy Portnoy – PBIA Project Manager.

☒ Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. W/CURRENT FIRM
Robert Vander Meer	**Program Manager**	17	11

15. FIRM NAME AND LOCATION (City and State)
Quantum Spatial, Sheboygan Falls, WI

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
S, Civil Engineering, Michigan Technological University, 1996	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Bob has over 15 years of business development and management experience in the geospatial industry. He serves as Vice President within Quantum Spatial's public market sector, leading the business development activities with state, municipal, and county government agencies. Bob has a strong background in project management having demonstrated exemplary leadership, contract administration, budget oversight, subcontract coordination, and personnel supervision on hundreds of multi-scale, simultaneous projects across the US.

Previously, Bob served as the Director of Transportation Programs overseeing all transportation business development for roads, airports, rail, and ports programs. Additionally, Bob has served as Director on over 460 airports under Federal Aviation Administration (FAA) Advisory Circular (AC) 150/5300-16A, -17C, -18B guidelines. His extensive experience has been invaluable in directing airport projects in accordance with FAA guidelines. Bob has managed all internal project activities, including overseeing that the airport ground surveys and collection of aeri

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Ft. Lauderdale/Hollywood International Airport **Ft. Lauderdale, FL**	2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☒ Check if project performed W/CURRENT firm

n 2015, Ft. Lauderdale/Hollywood International Airport required for the airport and aeronautical data collection supporting the development of a Master Plan and Airport Layout Plan inclusive of runways 10R/28L and 10L/28R at Fort Lauderdale/Hollywood International Airport (FLL) located in Fort Lauderdale, FL. Quantum spatial acquired new vertical stereo aerial photography at a nominal scale of 1”=360’ for the airport property (3005 acres) and an option for the port area (845 acres), as defined by your office, and 1”=1,905’covering the obstruction surface areas. The aerial photography covered all of the VG Airspace Surfaces and Part 77 surfaces and was obtained using one of our Zeiss Digital Mapping Cameras (DMC) during leaf-on conditions.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Boca Raton Airport Authority **Boca Raton, FL**	2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☒ Check if project performed W/CURRENT firm

Quantum Spatial was tasked to support the Boca Raton Airport with aeronautical obstruction survey and property mapping in compliance with AGIS policies. Quantum Spatial surveyed the airport utilizing the FAA AC 150/5300-16A, -17C, and -18B guidelines. Services included submitting the quality control, geodetic, photogrammetric mapping, acquiring ortho imagery of the airport, and completing detailed mapping including planimetric and feature attribution. For this project, Quantum Spatial acquired new vertical stereo aerial photography at a physical scale of 1”=1,905’ and the airport property scale of 1”= 508’. The coverage was for all current and planned runway endpoints. The aerial imagery covered all VG Airspace Analysis surfaces using Zeiss Z/I Digitasl Mapping Camera (DMC) during leaf-on conditions.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Orlando Executive Airport **Orlando, FL**	2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☒ Check if project performed W/CURRENT firm

Orlando Executive Airport required services for the airport and aeronautical data collection supporting the development of an Electronic Airport Layout Plan (EALP) inclusive of runways 7/25 and 13/31 at the Orlando Executive Airport (ORL) located in Orlando, FL. For this project, Quantum Spatial acquired new vertical stereo aerial photography at a nominal scale of 1”=349’ for the airport property, including additional areas outside of the property as identified by your office, and 1”=1,905’ covering the obstruction surface areas. The aerial photography covered all of the VG Airspace Surfaces using one of our Zeiss Digital Mapping Cameras (DMC) during leaf-on conditions. All photography was completed during leaf-on conditions under a single mobilization.Quantum Spatial submitted all data collected and associated required deliverables in the formats specified in the appropriate advisory circulars to the FAA Office of Airports, Airports Surveying-GIS Program.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Marlin Zook, PLS, CP	**Production Manager**	a. TOTAL: 42	b. W/CURRENT FIRM: 42

15. FIRM NAME AND LOCATION (City and State)
Quantum Spatial, Dulles, Virginia

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
AS, Civil Engineering, Penn State University, 1976 Certificate, FAA Integrated Distance Learning Environment (IDLE), Federal Aviation Administration, 2010	ASPRS Certified Photogrammetrist #R920 Professional Land Surveyor: NC #L-4207 Photogrammetric Surveyor: SC #24307 Land Surveyor Photogrammetrist: VA #408000029

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Marlin oversees all phases of the photogrammetric process for mapping projects including aerial triangulation, orthoimagery, planimetric mapping, feature attribution compilation, and digital edit. He is also responsible for directing the photo lab, quality control, and the survey team. Marlin joined Quantum Spatial in 1977. His responsibilities include all in-house project planning and coordination of digital mapping, orthoimage production, and review of final delivery items to the client. He maintains the production schedule, oversees staffing assignments, and coordinates with the project manager. He has completed Integrated Distance Learning Environment (IDLE) Training in FAA AC 150/5300-16A, -17B, and -18B. Marlin has been involved in over 475 18B AGIS projects and submittals.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Ft. Lauderdale/Hollywood International Airport **Ft. Lauderdale, FL**	2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☒ Check if project performed W/CURRENT firm

n 2015, Ft. Lauderdale/Hollywood International Airport required for the airport and aeronautical data collection supporting the development of a Master Plan and Airport Layout Plan inclusive of runways 10R/28L and 10L/28R at Fort Lauderdale/Hollywood International Airport (FLL) located in Fort Lauderdale, FL. Quantum spatial acquired new vertical stereo aerial photography at a nominal scale of 1”=360’ for the airport property (3005 acres) and an option for the port area (845 acres), as defined by your office, and 1”=1,905’covering the obstruction surface areas. The aerial photography covered all of the VG Airspace Surfaces and Part 77 surfaces and was obtained using one of our Zeiss Digital Mapping Cameras (DMC) during leaf-on conditions.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Boca Raton Airport Authority **Boca Raton, FL**	2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☒ Check if project performed W/CURRENT firm

Quantum Spatial was tasked to support the Boca Raton Airport with aeronautical obstruction survey and property mapping in compliance with AGIS policies. Quantum Spatial surveyed the airport utilizing the FAA AC 150/5300-16A, -17C, and -18B guidelines. Services included submitting the quality control, geodetic, photogrammetric mapping, acquiring ortho imagery of the airport, and completing detailed mapping including planimetric and feature attribution. For this project, Quantum Spatial acquired new vertical stereo aerial photography at a physical scale of 1”=1,905’ and the airport property scale of 1”= 508’. The coverage was for all current and planned runway endpoints. The aerial imagery covered all VG Airspace Analysis surfaces using Zeiss Z/I Digitasl Mapping Camera (DMC) during leaf-on conditions.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Orlando Executive Airport **Orlando, FL**	2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☒ Check if project performed W/CURRENT firm

Orlando Executive Airport required services for the airport and aeronautical data collection supporting the development of an Electronic Airport Layout Plan (EALP) inclusive of runways 7/25 and 13/31 at the Orlando Executive Airport (ORL) located in Orlando, FL. For this project, Quantum Spatial acquired new vertical stereo aerial photography at a nominal scale of 1”=349’ for the airport property, including additional areas outside of the property as identified by your office, and 1”=1,905’ covering the obstruction surface areas. The aerial photography covered all of the VG Airspace Surfaces using one of our Zeiss Digital Mapping Cameras (DMC) during leaf-on conditions. All photography was completed during leaf-on conditions under a single mobilization.Quantum Spatial submitted all data collected and associated required deliverables in the formats specified in the appropriate advisory circulars to the FAA Office of Airports, Airports Surveying-GIS Program.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Doug Fuller, CMS, CP	**Airport Solutions Manager**	a. TOTAL: 56	b. W/CURRENT FIRM: 44

15. FIRM NAME AND LOCATION (City and State)
Quantum Spatial, Sheboygan Falls, WI

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Certificate, FAA Integrated Distance Learning Environment (IDLE), Federal Aviation Administration, 2010	ASPRS Certified Mapping Scientist - GIS/LIS #R145 ASPRS Certified Photogrammetrist #R1077

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Doug is responsible for the estimating, flight planning, and quality assurance of new airport projects. His extensive experience is invaluable for controlling project costs. He communicates with the client, acquisition team, and production team as necessary to ensure that each project is done according to specifications using the best possible method. With his completed FAA IDLE training, he is qualified as a consultant to our airport clients in matters concerning the FAA regulations. Doug has been involved in over 475 18B AGIS projects and submittals.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Ft. Lauderdale/Hollywood International Airport
Ft. Lauderdale, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☒ Check if project performed W/CURRENT firm

n 2015, Ft. Lauderdale/Hollywood International Airport required for the airport and aeronautical data collection supporting the development of a Master Plan and Airport Layout Plan inclusive of runways 10R/28L and 10L/28R at Fort Lauderdale/Hollywood International Airport (FLL) located in Fort Lauderdale, FL. Quantum spatial acquired new vertical stereo aerial photography at a nominal scale of 1”=360’ for the airport property (3005 acres) and an option for the port area (845 acres), as defined by your office, and 1”=1,905’covering the obstruction surface areas. The aerial photography covered all of the VG Airspace Surfaces and Part 77 surfaces and was obtained using one of our Zeiss Digital Mapping Cameras (DMC) during leaf-on conditions.

b.

(1) TITLE AND LOCATION (City and State)
Boca Raton Airport Authority
Boca Raton, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☒ Check if project performed W/CURRENT firm

Quantum Spatial was tasked to support the Boca Raton Airport with aeronautical obstruction survey and property mapping in compliance with AGIS policies. Quantum Spatial surveyed the airport utilizing the FAA AC 150/5300-16A, -17C, and -18B guidelines. Services included submitting the quality control, geodetic, photogrammetric mapping, acquiring ortho imagery of the airport, and completing detailed mapping including planimetric and feature attribution. For this project, Quantum Spatial acquired new vertical stereo aerial photography at a physical scale of 1”=1,905’ and the airport property scale of 1”= 508’. The coverage was for all current and planned runway endpoints. The aerial imagery covered all VG Airspace Analysis surfaces using Zeiss Z/I Digitasl Mapping Camera (DMC) during leaf-on conditions.

c.

(1) TITLE AND LOCATION (City and State)
Orlando Executive Airport
Orlando, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☒ Check if project performed W/CURRENT firm

Orlando Executive Airport required services for the airport and aeronautical data collection supporting the development of an Electronic Airport Layout Plan (EALP) inclusive of runways 7/25 and 13/31 at the Orlando Executive Airport (ORL) located in Orlando, FL. For this project, Quantum Spatial acquired new vertical stereo aerial photography at a nominal scale of 1”=349’ for the airport property, including additional areas outside of the property as identified by your office, and 1”=1,905’ covering the obstruction surface areas. The aerial photography covered all of the VG Airspace Surfaces using one of our Zeiss Digital Mapping Cameras (DMC) during leaf-on conditions. All photography was completed during leaf-on conditions under a single mobilization.Quantum Spatial submitted all data collected and associated required deliverables in the formats specified in the appropriate advisory circulars to the FAA Office of Airports, Airports Surveying-GIS Program.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
James D. Stoner, PSM	Principal	40 years	29 years

15. FIRM NAME AND LOCATION *(City and State)*

Stoner & Associates, Inc. Davie, Florida

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Associates of Science in Land Surveying	State of Florida Professional Surveyor and Mapper License No. LS4039

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Surveying and Mapping Society
American Congress on Surveying and Mapping
Leadership Broward

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Sunrise Corporate Limits	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare city limits map based on the legal description and plot the corporate limits (11,593 acres) on aerial maps. $2,000.00

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Plantation Fire Station No. 5	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare a Boundary, Topographic, and Tree Survey of the existing fire station situated on a 1.22 acre parcel located at 901 North Pine Island Road. $5,240.00

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Town of Davie Linear Park	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare a Topographic and Tree Survey of the 8-mile long linear park located between the North bank of the South New River Canal and the South edge of pavement of Orange Drive. $21,100.00

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Town of Davie Governor Leroy Collins Park	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare a Boundary, Topographic, and Tree Survey of the proposed 85-acre park site. $32,740.00

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Cooper City Pool and Tennis Center	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare a Topographic and Tree Survey of the recreation center containing buildings, pool, pool decks, and tennis courts. $5,370.00

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Richard G. Crawford, Jr., PSM	Professional Land Surveyor	25 years	23 years

15. FIRM NAME AND LOCATION *(City and State)*

Stoner & Associates, Inc. Davie, Florida

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Associates of Science in Land Surveying	State of Florida Professional Surveyor and Mapper License No. LS5371

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Surveying and Mapping Society
American Congress on Surveying and Mapping
Leadership Broward

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Sunrise Corporate Limits	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare city limits map based on the legal description and plot the corporate limits (11,593 acres) on aerial maps. $2,000.00

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Plantation Fire Station No. 5	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare a Boundary, Topographic, and Tree Survey of the existing fire station situated on a 1.22 acre parcel located at 901 North Pine Island Road. $5,240.00

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Town of Davie Linear Park	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare a Topographic and Tree Survey of the 8-mile long linear park located between the North bank of the South New River Canal and the South edge of pavement of Orange Drive. $21,100.00

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Town of Davie Governor Leroy Collins Park	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare a Boundary, Topographic, and Tree Survey of the proposed 85-acre park site. $32,740.00

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Cooper City Pool and Tennis Center	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Prepare a Topographic and Tree Survey of the recreation center containing buildings, pool, pool decks, and tennis courts. $5,370.00

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Raj Krishnasamy, P.E.	**Principal Geotechnical Engineer**	a. TOTAL **31**	b. WITH CURRENT FIRM **18**

15. FIRM NAME AND LOCATION *(City and State)*

TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS Civil Engineering, Christian Brothers University, 1987 MS Civil Engineering, University of Memphis, 1996	Professional Engineer, Florida No. 53567

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer
Geotechnical Material Engineering Council, Past Chairman

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Fort Lauderdale Executive Airport (FXE), Loop Perimeter Road, Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the Geotechnical Engineering Services for the project which included the design phase of the Loop Perimeter Road within the Fort Lauderdale Executive Airport in Fort Lauderdale, Florida. The new 4,300± linear foot loop perimeter road along the western portion of the airport will eliminate vehicles from crossing the western approach end when relocating equipment and fueling aircraft. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the planned construction.

b.

(1) TITLE AND LOCATION *(City and State)*: **Taxiway Foxtrot Pavement Rehabilitation, Fort Lauderdale Executive Airport, Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the Geotechnical Engineering Services for the project which included pavement rehabilitation of Taxiway Foxtrot within the Fort Lauderdale Executive Airport in Fort Lauderdale, Florida. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the potential improvements. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design of construction plans for the proposed improvements.

c.

(1) TITLE AND LOCATION *(City and State)*: **Administrative Building Addition, Fort Lauderdale Executive Airport, Fort Lauderdale, Florida.**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical services for the Fort Lauderdale Executive Airport (FXE) Administration Building. The project included renovation and an addition added to the main structure of the existing building. Provided geotechnical recommendations for foundation design, foundation soil preparation requirements, Foundation types, depths, allowable bearing capacities, and an estimate of potential settlement; general site development; and comments regarding factors that may impact construction and performance of the proposed construction.

d.

(1) TITLE AND LOCATION *(City and State)*: **Fort Lauderdale Executive Airport (FXE), Electrical Vault Improvements, Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study Geotechnical Engineering Study for the project which included the installation of a new electrical vault to replace the existing one, within the Fort Lauderdale Executive Airport in Fort Lauderdale, Florida. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the potential construction. Provided a Geotechnical Services Report for the project which included a geotechnical discussion regarding subsurface conditions found at the site and foundation recommendations

e.

(1) TITLE AND LOCATION *(City and State)*: **Taxiway Echo Rehabilitation Project - Fort Lauderdale Executive Airport Broward County, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical exploration, pavement cores and laboratory testing for the rehabilitation which included reconstruction or milling and resurfacing of Taxiway Echo and connectors. Field study consisted of Standard Penetration Test (SPT) borings, BoreHole Permeability (BHP) tests, field CBR tests - Kessler Method, and pavement cores. Performed limited laboratory testing on selected soil samples, including grain size analysis, organic content, and Modified Proctor Tests. Also performed laboratory CBR tests (ASTM D1883). Provided subsurface information, soil profiles, and test results.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Kumar Vedula, P.E.	**Principal Geotechnical Engineer**	**22**	**13**

15. FIRM NAME AND LOCATION *(City and State)*

TIERRA SOUTH FLORIDA, INC. West Palm Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Engineering, Andhra University, India, 1992 MS Civil Engineering, University of Memphis, 1995	Professional Engineer, Florida No. 54873

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Civil Engineers, Past President

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Administrative Building Addition, Fort Lauderdale Executive Airport, Fort Lauderdale, Florida.**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Vedula was the Principal geotechnical engineer for the geotechnical services for the Fort Lauderdale Executive Airport (FXE) Administration Building. The project included renovation and an addition added to the main structure of the existing building. Provided geotechnical recommendations for foundation design, foundation soil preparation requirements, Foundation types, depths, allowable bearing capacities, and an estimate of potential settlement; general site development; and comments regarding factors that may impact construction and performance of the proposed construction.

b.

(1) TITLE AND LOCATION *(City and State)*: **Fort Lauderdale Executive Airport (FXE), Loop Perimeter Road, Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Vedula was the Principal geotechnical engineer for the Geotechnical Engineering Services for the project which included the design phase of the Loop Perimeter Road within the Fort Lauderdale Executive Airport. The new 4,300± linear foot loop perimeter road along the western portion of the airport will eliminate vehicles from crossing the western approach end when relocating equipment and fueling aircraft. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the planned construction.

c.

(1) TITLE AND LOCATION *(City and State)*: **Private Parking Lot-Parcel 21B, Fort Lauderdale Executive Airport, Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Vedula was the Principal geotechnical engineer for the geotechnical engineering services for the project which includes a new on-grade parking lot for 300 vehicle parking spaces and a privacy wall located off NW 21st Avenue, near Commercial Boulevard in Fort Lauderdale. The parking lot is restricted to employees, rental cars, long term customer parking, and special activities at the Fort Lauderdale Executive Airport. Provided Geotechnical engineering evaluations and recommendations regarding General site conditions; Permanent Cut and Fill Slopes; Excavations; Groundwater Control; On-Site Soil Suitability; Foundation and Pavement Design Considerations.

d.

(1) TITLE AND LOCATION *(City and State)*: **Fort Lauderdale Executive Airport (FXE), Electrical Vault Improvements, Fort Lauderdale, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Vedula was the Principal geotechnical engineer for the geotechnical engineering study Geotechnical Engineering Study for the project which included the installation of a new electrical vault to replace the existing one, within the Fort Lauderdale Executive Airport in Fort Lauderdale, Florida. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the potential construction. Provided a Geotechnical Services Report for the project which included a geotechnical discussion regarding subsurface conditions found at the site and foundation recommendations

e.

(1) TITLE AND LOCATION *(City and State)*: **Taxiway Echo Rehabilitation Project - Fort Lauderdale Executive Airport Broward County, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Vedula was the principal geotechnical engineer for the geotechnical exploration, pavement cores and laboratory testing for the rehabilitation which included reconstruction or milling and resurfacing of Taxiway Echo and connectors. Field study consisted of Standard Penetration Test (SPT) borings, BoreHole Permeability (BHP) tests, field CBR tests - Kessler Method, and pavement cores. Performed limited laboratory testing on selected soil samples, including grain size analysis, organic content, and Modified Proctor Tests. Also performed laboratory CBR tests (ASTM D1883). Provided subsurface information, soil profiles, and test results.

Tab 5. Approach to Scope of Work

Every client's needs are different due to the uniqueness of their organization, personnel and facilities. A good consultant understands those unique differences and learns how to best meet that client's needs. ***The Kimley-Horn team's long history working with Fort Lauderdale Executive Airport (FXE) puts us in a position of understanding your airport, its operations, tenants and personnel, the City's overall organization and processes, and the issues that are important to the success of the Airport and its projects.***

Our philosophy is one of exceptional client service, to the degree that at all times, the personnel we assign to a client truly becomes an extension of the client staff, proactively looking for opportunities to make the client successful. To that end, we have assembled a team that blends a long historical experience at FXE with staff based here in Palm Beach and Broward County, who is available at a moment's notice to attend meetings, resolve issues and provide advice and guidance to staff when needed.

FXE is a gem to the residents of Broward County and the City of Fort Lauderdale in particular. FXE is one of the busiest General Aviation airports in the country and the primary reliever to Fort Lauderdale-Hollywood International Airport (FLL). ***As FLL continues to develop commercial air service, the supporting Broward County Airports led by FXE will provide the needed Corporate and General Aviation support to the Broward County area.*** FXE is a unique facility in many ways and vital to the growth and prosperity to the aviation community. It's long runway, Customs Facility, access to I-95 and the Turnpike, as well as high quality Fixed Based Operators (FBOs) make the facility the primary attraction to corporate and business jets and aviators.

City of Fort Lauderdale Goals and Objectives

With such a valuable asset, it is imperative that the City maintain and continue to improve the facility. Put simply, there will be no new airports built in Broward County, nor will there be any new runways. Therefore, asset management is the key to the success of the facility.

With that said, both the Federal Aviation Administration (FAA) through its Orlando District Office and the Florida Department of Transportation (FDOT) through the District office located here in Fort Lauderdale, actively support the maintenance and operation of the facility through funding for construction projects, periodic certification inspections, and providing technical support on matters such as security. It is imperative that these funding sources and information keep flowing.

Kimley-Horn has a long, extensive relationship with both the FAA and FDOT. We understand the minimum standards which must be complied with, the grant assurance which must be followed, and the reporting requirements during the life of the grants. We routinely support our airport clients with needed grant support activities including on-line reporting and closeout documents. Kimley-Horn's **Carlos Maeda, P.E.**, who is providing Grant/DBE Support services, served with the FAA as program manager, technical expert, and principal advisor for all airport planning and engineering-related programs for large metropolitan areas. As a former manager at the FAA's Orlando Airports District Office (ADO), he is extremely knowledgeable and effective at procuring and securing funding for airport clients.

Kimley-Horn's goal is to keep the City on the path of least resistance for grant funding. We do this by assisting with several tasks including:

- Completing projects under budget
- Providing support with grant applications

- Developing schedules and exhibits for projects
- Breaking projects into bid alternates to meet grant amounts
- Providing cost estimates for yearly Joint Capital Improvement Program (JACIP) updates
- Completing FAA quarterly status reports
- Closing out grant as soon as possible
- FAA: providing engineer's reports, meeting minutes, invitations to meetings, and key submittals.
- FDOT: providing engineer's certifications, plans and specifications, and closeout documents.

In summary, the City's goals are Kimley-Horn's goals. As a firm with a strong aviation background and a vested interest in its success, we want FXE to be the best facility in the area.

Kimley-Horn Vision, Ideas, and Methodology

The Kimley-Horn vision for FXE is to do everything possible for the Airport to succeed. Success in the aviation industry is measured in many ways, including growth, profitability, safety, customer service, community support. It is our intent to work diligently to support the staff to make FXE and the City as successful as possible.

This is accomplished by supporting FXE with ***Aviation Professionals***. Staff who live, breathe, and support the aviation industry with a passion. ***Aviation is not a part time occupation for us*** or something we do when there are no other clients to support or projects to work on. Our staff works throughout the state and country on aviation projects, both in General Aviation, as well as Commercial Service Airports.

In addition, your Project Manager, **Tom O'Donnell**, will set up a clear line of communications with City staff resulting in an understanding of your goals, objectives, and budget. His history at the airport and our longstanding relationships with staff help ease those lines of communications and ensure that understanding.

Project Approach

Within the following narrative, we will describe our comprehensive approach and provide reasons why the City should select Kimley-Horn. To be your General Engineering Aviation Consultant one needs to understand all aspects of FAA Advisory Circulars and airport operations. Therefore, this project requires skilled airport planning and design, attention to detail, frequent communication and interaction among all parties involved, and a focused project manager who listens and responds to the City's needs. We are fully prepared to serve the City throughout the design and construction of these projects.

Kimley-Horn has assembled a team of Key and Support Personnel that are available and will be completely focused on this project. This project requires skilled professionals having acute attention to detail and structured to effectively communicate and interact among all parties involved. We have selected a project manager, **Tom O'Donnell, P.E.**, who brings a long term history of working with the City on very similar projects within FXE. Tom is a "hands-on" project manager who will listen, respond to your needs, and will execute this project efficiently. Supporting Tom, beyond those listed in the organizational chart, is the depth of resources available within Kimley-Horn. Our purpose is to serve this project effectively to ensure a smooth and issue-free experience. This is our Team's #1 goal.

To that end, the success of this program is contingent upon the City selecting an experienced team of professionals with a successful track record in airport development, as well as industry-proven procedures in the approach to the planning and design of airside projects from conception through completion. The Kimley-Horn team is collectively committed to providing these quality professional services and we will be focused on meeting the specialized needs of this assignment.

Below, we discuss our anticipated approach for the projects. Of course, it is important to note that at the center of every successful project is good communication and coordination with key stakeholders, as such, the actual approach may vary slightly.

Work Planning

It all starts with a work plan customized in concert with you during scope development to meet your specific needs and requirements. The project specific work plan will include:

- Identification of the project goals and objectives
- A detailed statement of services including tasks, subtasks, and the key personnel responsible for their successful completion
- A detailed schedule for the project
- A quality control plan with key reviewers identified

With this, we would approach a typical project with a five-step process from initiation to completion:

- Pre-design planning/project definition
- Design phase
- Permitting phase
- Bid procurement and award phase
- Construction phase

Our approach to each phase will be as follows:

Pre-Design Planning/Project Definition Phase. The pre-design phase helps ensure that each project is defined and designed to meet the overall goals and objectives of the Airport, Airport users, and other stakeholders while meeting all applicable FAA requirements. In addition, this phase engages early coordination performed with all jurisdictional agencies in order to clearly confirm what, if any, permits will be needed and how the permitting process will fit into the overall schedule for the project.

The first step in the pre-design phase is to conduct a kick-off meeting with the City Engineer, Airport Director, Airport and City Staff, and the design team to discuss and review the work plan and ensure complete and accurate understanding of each project's goals and objectives; collect pertinent historic data for review; and discuss the pros and cons of potential alternatives and potential construction impacts. The detailed design schedule for each project is reviewed and confirmed with you, including the timing for the collection of field data such as survey, electrical system testing, and geotechnical investigations, as well as early coordination meetings with the FAA. Potential operational impacts due to construction and construction phasing alternatives are discussed to ensure final construction plans will have the least impact possible on airport operations during construction.

Following the kick-off meeting, the specific pre-design elements would begin. **Hillers Electrical Engineering, Inc.**, our electrical subconsultant, will initiate their field review and test the existing electrical system components. Geotechnical testing in the form of Standard Penetration Tests (SPT), pavement cores, California bearing ratio testing (CBR), and materials sampling would be undertaken by our geotechnical subconsultant, **Tierra South Florida**, to serve as the basis for the FAARFIELD airfield pavement design. Field survey and subsurface utility exploration will be initiated by the team's subconsultant, **Stoner & Associates, Inc.**

For airside paving project a pavement section alternatives will be analyzed and will evaluate separate options for dissimilar areas. Preliminary phasing alternatives will be reviewed for constructability, operational impacts, and cost. The design will be performed in accordance with all current, applicable advisory circulars. Preliminary drawings of the pavement

geometry will be prepared to review those potential impacts. We will work with you to understand the impacts to the Airport and assist you in any necessary discussions with the FAA Airport District Office to determine how to comply and ensure that the project is grant eligible. **Carlos Maeda, P.E.**, can help coordinate FAA approvals. A Preliminary Engineering Report will also be started in order to document the findings and recommend a design section and phasing plan.

Design Phase. The design phase will move the project through the process of preparing plans, specifications, final Engineer's Report, schedules, and preliminary cost information. Plans will be developed and submitted for review by the City at the 30%, 60%, and 100% stages. We highly recommend face-to-face review meetings at each stage of completion.

During the design phase, the Kimley-Horn team will continue to define the best design solution for each area. Based on geotechnical testing, the traffic forecast, aircraft operations, and fleet mix for the airport, FAA's FAARFIELD program will be used to determine the design section for the pavement. Options will be evaluated for equivalent sections to determine the section that is the most cost effective while still providing the required strength and design life. Alternatives will be reviewed and, if appropriate, may be included in the plans as a bid alternative, letting market factors help decide the final solution.

Taxiway intersections will be designed using the FAA AC 150/5300-13A Change 1 incorporating the new geometric fillet layout. The intersections will also be analyzed using AeroTURN to confirm that they will functionally serve the aircraft used by FXE's stakeholders.

At appropriate points throughout the design, we will work with you to inform key stakeholders of the project status and get feedback on the design and its potential impacts on those stakeholders. To the greatest degree possible, efforts will be made to minimize operational impacts without compromising project quality. Experience has shown that keeping key stakeholders informed and a part of the project results in a better project with fewer issues to be resolved during construction. As soon as design reaches the appropriate level of completion, we will prepare any necessary permit applications and assemble submission packages to start the approval process and maintain the project timeline.

We understand that the City has the capability to prepare Construction Safety and Phasing Plans (CSPP) "in house," however should the need arise we have the capabilities to prepare and submit the CSPP at the 30% and 90% levels to you and the FAA.

Permitting Phase. Concurrent with the Pre-Design Planning/Project Definition Phase and the Design Phase, Kimley-Horn will initiate permitting phase services. Due to the nature of new pavement construction it is anticipated that these services will include coordination with the South Florida Water Management District (SFWMD), FAA, and other agencies.

To optimize the schedule, we will coordinate early with the SFWMD, confirming permitting requirements. As part of the coordination we will meet with staff and discuss the proposed work. In addition to standard drainage calculations, services are anticipated to include procuring an Environmental Resource Permit.

The Construction Documents will also include storm water pollution prevention (SWPP) plans and details for use by the Contractor to obtain the National Pollutant Discharge Elimination System (NPDES) – Notice of Intent (NOI) for Construction as required through the Florida Department of Environmental Protection (FDEP). Finally, as the Engineer of Record, we are committed to following through with the close-out documentation including as-built plans and certifications for the SFWMD permit.

Procurement and Award Phase. During the procurement and award phase, the Kimley-Horn team will help the City successfully choose a contractor and enter into a contract for the project. We can develop the final bid schedule, probable construction cost estimates, and procurement packages for distribution by the City. In addition, we will help with the pre-proposal meeting, respond to any questions during bidding, and issue meeting minutes and addenda as required. Once bids are received, we will review them for compliance and accuracy, compliance with DBE goals if needed, check references for the low bidder, and make a recommendation of award. After a contractor is selected, we will coordinate the preconstruction conference, work with them on a final schedule, and issue plans for construction.

Construction Phase. During construction, Kimley-Horn will monitor the project schedule, costs, construction progress, and payment tracking. We will coordinate the shop drawing and requests for information process, maintain submittal logs, ensure a timely response, and process contractor pay applications, change order requests, and record drawings. If the City desires, we can chair construction progress meetings, issue agendas and meeting minutes, and process all required FAA reports to ensure timely submission to comply with grant requirements.

Construction Administration. However, should the need arise, Kimley-Horn will be there to support you. We are flexible and will scale our services to suite. Should construction phase services be requested, our full service consulting includes comprehensive construction administration services with staff experienced in all types of construction including taxiway construction. Staffing typically includes the engineer of record, a resident project representative, and support staff capable of administering the contract, conformance with FAA Advisory Circulars (and other applicable rules and regulations) and coordinating with all stakeholders.

We believe that a project is not successful until it is built to your satisfaction and the paperwork is complete—including project documentation and close-out for any permits. As Kimley-Horn's project manager, **Tom O'Donnell, P.E.**, is responsible for your projects from the initial conceptual design until total close out. No one will know the project better or will be in a better position to ensure that the contractor meets the design intent.

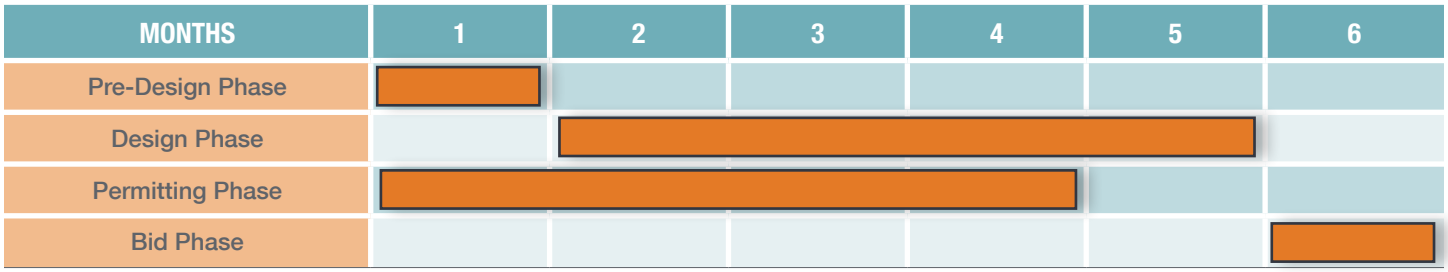
Summary

Our team was built specifically to provide the City of Fort Lauderdale with the highest level of service in serving as your engineering consultant over the next two to three years. Having served as the consultant here at FXE for many years and for general aviation (GA) and air carrier airports throughout Florida and the United States, the Kimley-Horn team understands the many challenges that arise during the short-term planning horizon at GA airports and possesses the ability to directly meet and overcome these challenges. The Kimley-Horn team will use their broad knowledge and airport engineering and planning experience to successfully address these issues. We are very excited about this opportunity to provide innovative strategies in the serving as your consultant.

Scheduling Methodology

Scheduling will be the responsibility of your project manager, **Tom O'Donnell, P.E.**, and it all begins with a clear understanding of the airport's and project's scope, goals, and milestones. This information is then used to develop three key scheduling tools for Tom to manage and track the project's progress: 1) a project outline which Kimley-Horn calls a "work plan," 2) a project Gantt chart style schedule created with Microsoft Project, and 3) Kimley-Horn's "cast-ahead" system which coordinates our staff's availability.

The work plan and schedule are then monitored for progress against the milestones on a weekly basis. Manpower is assigned based on the elements using our "cast-ahead" system. This is a monthly look at workload by individual throughout the firm. We project the effort needed for a six-month window to meet client commitments and evaluate that against personnel assigned to the projects. Should we find that we are falling behind schedule, or are overloading assigned personnel; the system allows us to identify additional qualified personnel that have availability to work on the project to get us back on schedule.



Workload Summary

Kimley-Horn is very progressive when it comes to understanding its current workload and has a long history of achieving successful project completion through a combination of effective project management and technical expertise. Consequently, Kimley-Horn is committed to providing the City of Fort Lauderdale with the highest quality staff and service to meet your project schedule and budget requirements.

The members of our project team were selected using two criteria: (1) their experience with similar projects and (2) their availability to assume major technical responsibilities within your project schedule. Kimley-Horn's proactive management system, known as "cast-aheads," is used to detail every project's personnel needs, as well as to determine each staff person's availability. By continuously matching project needs with staff availability, our cast-aheads system is an accurate tool for keeping our projects on schedule.

Based on a review of our cast-aheads, we can assure you that the staff members selected for this team are available immediately to serve you, and are in an excellent position to handle the workload of any assignment you wish to give us. In addition, we have strategically selected subconsultant partners with the technical capability and available resources to meet your needs.

The professionals included on our organization chart have worked extensively together throughout Florida and will be scheduled as needed to work on any assignment requested by the City. The table below identifies the years of experience and availability of our key team members, who have unparalleled qualifications and are eager to work for the City of Fort Lauderdale.

Team Member	Project Role	Years of Experience	Current Percent Available	Planned Percent Available
Tom O'Donnell, P.E.	Project Manager	17	20	60
Michael Carey, P.E.	Principal-in-Charge	38	10	10
Eileen Velez-Vega, P.E.	Quality Assurance/Quality Control	15	20	30
Stephanie Lopez-Cruz, P.E.	Airfield Design	4	10	60
Julia Focaracci, E.I.	Airfield Design	4	20	60
Tomas Olivera	Landside Design	16	20	60
Stefano Viola, P.E.	Landside Design; Land Development/ Utilities/Zoning; Drainage	12	20	30
Lynn Kiefer	Environmental	27	20	30
Carlos Maeda, P.E.	Grant/DBE Support	37	10	10

Volume of Work Previously Awarded by the City of Fort Lauderdale

We are proud of our long standing and successful relationship with the City of Fort Lauderdale. In the interest of clarity and brevity of this submission, we have listed our active contracts with the City below:

- Fort Lauderdale Streetscape Improvement Project - SR A1A Streetscape
- FXE Airport Master ERP Permit
- City Parking Garage Ingress/Egress Improvements
- City Parking Garage Ingress/Egress Improvements (Permitting and Bidding Phase Assistance)
- City Parking Garage Ingress/Egress Improvements (Post Design Services Assistance)
- Citywide Parking Study
- Community Investment Plan (CIP) Intersection Analyses
- Internal Resources/Miscellaneous Support to City
- Wayfinding Signage
- Crown Plaza Parking Study Review
- NEXT Las Olas Traffic Study Review
- Riverparc Square Traffic Study Review
- RD Las Olas Traffic Study Review
- 1000 West Las Olas Boulevard Stormwater Improvements
- FXE Taxiway Foxtrot Rehabilitation
- Fire Station SAR

Available Facilities, Technological Capabilities and Other Resources

Our staff is equipped with the latest commercial available design tools including Civil 3D, Microstation and GIS. We are a full production office. Additionally, our graphics arts software capabilities include SketchUp, Adobe InDesign, Adobe Photoshop, Adobe Illustrator, and Microsoft Office. Our presentation systems include high resolution digital projection of PowerPoint slide shows, interactive Smart Board displays, and DVD video. In-house production capabilities also include foam-core presentation boards and multi-media displays. Kimley-Horn also maintains digital photography equipment, digital video recording and video editing/production hardware and software.

Kimley-Horn employs more than 600 employees in Florida and just over 3,000 firmwide. We have more than 100 full-time Aviation personnel around the country.

Tab 6. References

Kimley-Horn is extremely proud of the relationships we develop with our clients and feel that their view of our work is the highest measure of our services. Below are several client references that represent a variety of aviation clients we serve. Our project manager, **Tom O'Donnell, P.E.**, and our senior project team have or are currently working with these clients and we invite you to contact them about the quality services we provide to them.

Hillsborough County Airport Authority

Client: Scott Nesbitt, Project Director
Hillsborough County Airport Authority
P.O. Box 22287 Tampa, FL 33622
Phone: 813.870.7832, E-mail: SNesbitt@TampaAirport.com

East Airfield Rehabilitation and Airfield Markings – Tampa International Airport. This project was for the design and preparation of contract documents for the rehabilitation of asphalt pavements within the East Airfield and for the removal and reinstallation of pavement markings airfield wide at Tampa International Airport (TPA). The project included 60,000 SY of taxiway removal, 107,000 SY of asphalt mill/overlay, detailed/comprehensive construction phasing, four new taxiway connectors (with current FAA intersections), new airfield lighting and signage, and over 600,000 SF of airfield markings. This project required close coordination with multiple airport departments, tenants, and the FAA.

Completion Dates: Design – November, 2015 – June, 2016; Construction – Ongoing
Construction Cost: $13,900,000

Volusia County

Client: Karen K. Feaster, Deputy Airport Director
Volusia County
700 Catalina Drive, Suite 300, Daytona Beach, FL 32114
Phone: 386.248.8030 ex 18304, E-mail: kfeaster@co.volusia.fl.us

Taxiway Y, W2, and E2 – Daytona Beach International Airport. Kimley-Horn provided design, bidding, and construction phase services for the construction of Taxiways Yankee, W2, and E2 at the Daytona Beach International Airport. The project consisted of detailed phasing, approximately 12,000 SY of new bituminous P-401 pavement, P-211 lime rock base, and airfield lighting and signage. Design elements included reducing the confusion related to the signage at the intersection of Taxiway Whiskey and Taxiway Sierra by adding signage and markings, constructing a cutover Taxiway Y, connecting Taxiway S and W, and relocating Taxiways W2 and E2. Close coordination with airport staff, commercial service airlines, Embry-Riddle Aeronautical University, and stakeholders was required.

Completion Dates: 2013
Construction Cost: $1,500,000

City of Belle Glade

Client: Larry Tibbs, Director of Finance
City of Belle Glade
110 Dr. Martin Luther King Jr. Blvd, West
Belle Glade, FL 33430-3900
Phone: 561.992.1610, E-mail: ltibbs@belleglade-fl.com

Runway 9-27 Rehabilitation project – Belle Glade State Municipal Airport. Runway 9-27 was in disrepair, its pavement condition was poor due to high severity distresses related to loading, climate, and age. Under the Runway 9-27 Rehabilitation project, all these deficiencies were corrected. Full-depth pavement reconstruction was performed to address the pavement distresses. The original runway was demolished and realigned 35 feet to the south and 100 feet to the east, allowing the airport to correct its object-free area and obstruction issues. The runway was also widened to 60

feet to address FAA requirements and shortened slightly on the west end to mitigate other approach obstruction issues. Final dimensions for the runway are 3,450 feet by 60 feet, meeting all FAA General Aviation Facility requirements.

Completion Date: 2017
Construction Cost: $1,980,000

Broward County Board of County Commissioners

Client: Marcos Souza, Project Manager
115 S. Andrews Ave. Room 212
Fort Lauderdale, FL 33301
Phone: 954.359.2468

Terminal 4 Reconfiguration and Expansion – Fort Lauderdale-Hollywood International Airport. ACAI is the Architect of Record for the Terminal 4 reconfiguration and expansion of the Federal Inspection Services (FIS) at Fort Lauderdale-Hollywood International Airport (FLL) which is used by United States Customs and Border Protection (CBP).

This new facility will increase the number of international passenger gates from seven to twelve and the total number of Terminal 4 passenger gates from ten to fourteen. The resulting customs facility will be the gateway to all international passengers arriving at FLL.

The latest advances in technology including dynamic signage, global entry, automated passport control kiosks and mobile passport control will be implemented on this project.

This technology will allow for fewer stations and faster processing of international passengers by CBP.

The new facility will include the following state-of-the-art features and enhancements that will be consistent with the latest CBP's Airport Technical Design Standard include:

- Reconfiguration and expansion of the FIS
- FIS inbound baggage area and system
- Tenant lease space
- Building life safety design
- Way finding signage
- Interior finishes
- Maintenance of operations
- Maintenance of passenger movement
- Operational phasing
- Enhanced passenger baggage re-check facility
- Administrative offices.

Completion Date: Ongoing
Construction Cost: $2.5 million

Tab 7. Minority/Women (M/WBE) Participation

Kimley-Horn is not a M/W/DBE firm. However, we are committed to engaging the services of minority business enterprises (MBE), women's business enterprises (WBE), and disadvantaged business enterprises (DBE) firms whenever possible on a project. We believe that it is important to select M/W/DBE firms who are not only qualified but also can meet the specific needs of the scope of services. Through corporate policy and philosophy, our firm actively seeks to encourage and promote the use of M/W/DBE firms. We provide interested firms with the opportunity to serve as a subconsultant on our teams and actively seek to increase and update our large database of qualified M/W/DBE firms to use on future projects. Our aggressive utilization policy ensures that Kimley-Horn is furthering the positive economic development momentum that the state of Florida advocates through the use of minority, woman, and disadvantaged businesses by its contractors.

Project Plan

Kimley-Horn's commitment to engaging the services of M/W/DBE firms whenever possible is illustrated by our inclusion of four DBE firms on our team to serve the City of Fort Lauderdale, including two that are also M/WBE firms. We believe that it is important to select M/W/DBE firms who are not only qualified but also have the ability to meet the specific needs of a project.

Given our ongoing commitment to exceeding goals, the implementation process remains the same on a project-to-project basis firmwide. We continually pledge to provide an honest effort to meet the M/W/DBE goals for each project. We identify meaningful roles for each M/W/DBE subconsultant chosen for each project. We offer our continued commitment to M/WBE and DBE participation for this project as well.

M/W/DBE Participation Record

Kimley-Horn has a recognized track record of meeting or exceeding our clients' stated M/W/DBE participation goals. Qualified M/W/DBE firms receive priority consideration when Kimley-Horn looks for suppliers to support its business operations. These businesses receive primary consideration in any proposal we submit for government contracts, as well as special consideration for proposals we submit for private sector projects.

Our commitment to retaining M/W/DBE firms to assist on projects is demonstrated by the amounts Kimley-Horn has paid to minority businesses during the past 15 years:

Year	Total Paid	No. of Minority Business Utilized
2016	$16.45 million	186
2015	$15.6 million	198
2014	$12.2 million	190
2013	$10.9 million	191
2012	$11 million	204
2011	$9 million	214
2010	$11.15 million	258
2009	$13.6 million	311

Year	Total Paid	No. of Minority Business Utilized
2008	$15.6 million	345
2007	$14.3 million	374
2006	$13.48 million	343
2005	$9.27 million	339
2004	$7.21 million	324
2003	$8.83 million	296
2002	$6.63 million	251

Kimley-Horn's internal goal in 2016 was to contract at least $10 million to M/W/DBE professional firms, consultants, or suppliers. We far exceeded that goal with a payout of over $16 million to 186 M/W/DBE firms nationwide. We believe this speaks well of Kimley-Horn's efforts to involve DBEs, MBEs, and WBEs in our practice. Kimley-Horn will continue its long-standing practice of using M/W/DBE on current and future projects.

Subconsultant Certificates

ACAI Associates, Inc.

State of Florida

Minority Business Certification

ACAI Associates, Inc

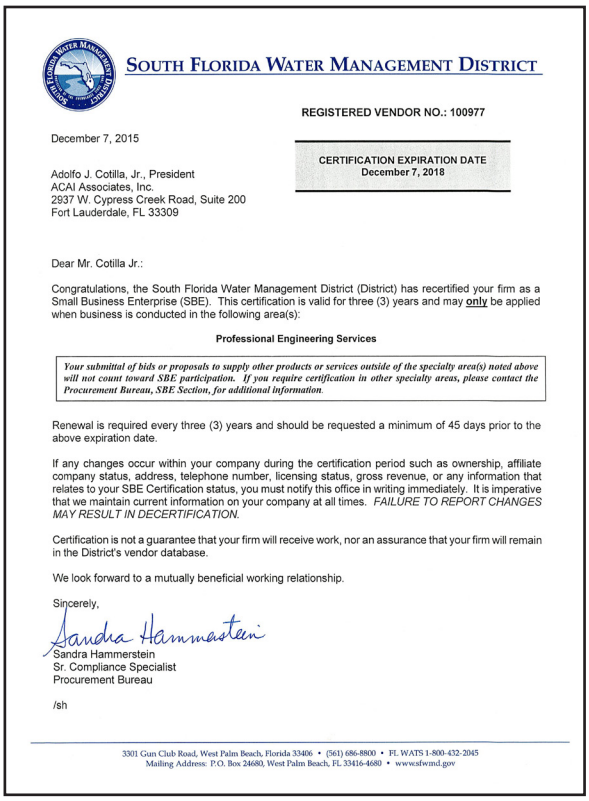
Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

12/22/2016 to 12/22/2018

Chad Poppell, Secretary
Florida Department of Management Services

office of supplier DIVERSITY

Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.dms.myflorida.com/osd



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

REGISTERED VENDOR NO.: 100977

December 7, 2015

CERTIFICATION EXPIRATION DATE
December 7, 2018

Adolfo J. Cotilla, Jr., President
ACAI Associates, Inc.
2937 W. Cypress Creek Road, Suite 200
Fort Lauderdale, FL 33309

Dear Mr. Cotilla Jr.:

Congratulations, the South Florida Water Management District (District) has recertified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may **only** be applied when business is conducted in the following area(s):

Professional Engineering Services

Your submittal of bids or proposals to supply other products or services outside of the specialty area(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times. *FAILURE TO REPORT CHANGES MAY RESULT IN DECERTIFICATION.*

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

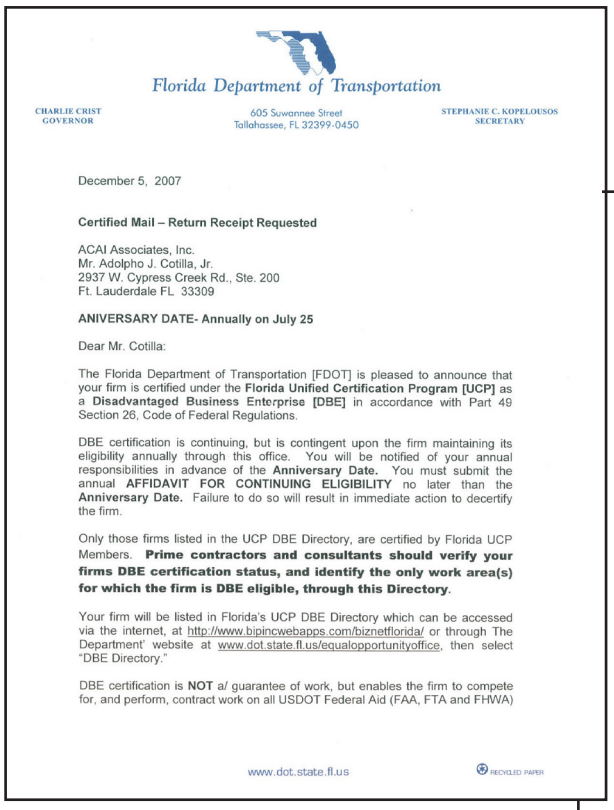
We look forward to a mutually beneficial working relationship.

Sincerely,

Sandra Hammerstein
Sr. Compliance Specialist
Procurement Bureau

/sh

3301 Gun Club Road, West Palm Beach, Florida 33406 • (561) 686-8800 • FL WATS 1-800-432-2045
Mailing Address: P.O. Box 24680, West Palm Beach, FL 33416-4680 • www.sfwmd.gov



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE C. KOPELOUSOS
SECRETARY

December 5, 2007

Certified Mail – Return Receipt Requested

ACAI Associates, Inc.
Mr. Adolpho J. Cotilla, Jr.
2937 W. Cypress Creek Rd., Ste. 200
Ft. Lauderdale FL 33309

ANIVERSARY DATE- Annually on July 25

Dear Mr. Cotilla:

The Florida Department of Transportation [FDOT] is pleased to announce that your firm is certified under the **Florida Unified Certification Program [UCP]** as a **Disadvantaged Business Enterprise [DBE]** in accordance with Part 49 Section 26, Code of Federal Regulations.

DBE certification is continuing, but is contingent upon the firm maintaining its eligibility annually through this office. You will be notified of your annual responsibilities in advance of the **Anniversary Date.** You must submit the annual **AFFIDAVIT FOR CONTINUING ELIGIBILITY** no later than the **Anniversary Date.** Failure to do so will result in immediate action to decertify the firm.

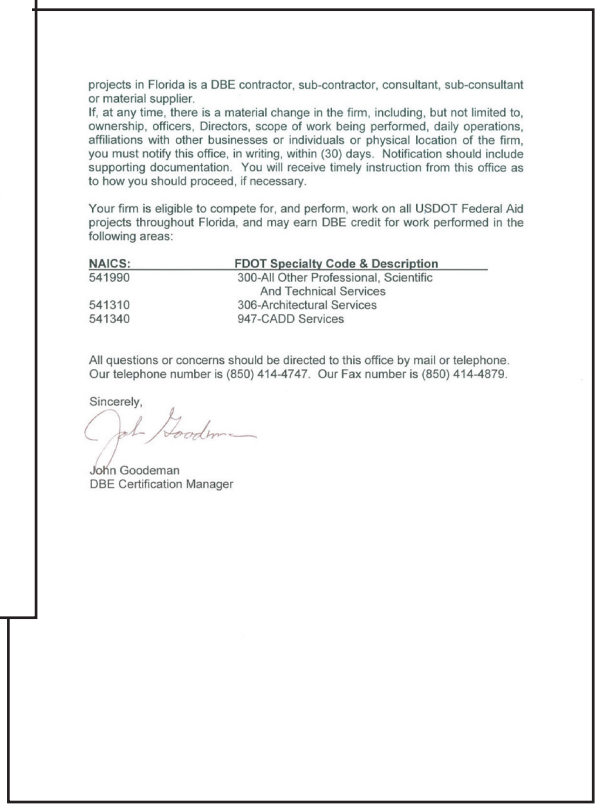
Only those firms listed in the UCP DBE Directory, are certified by Florida UCP Members. **Prime contractors and consultants should verify your firms DBE certification status, and identify the only work area(s) for which the firm is DBE eligible, through this Directory.**

Your firm will be listed in Florida's UCP DBE Directory which can be accessed via the internet, at http://www.bipincwebapps.com/biznetflorida/ or through The Department' website at www.dot.state.fl.us/equalopportunityoffice, then select "DBE Directory."

DBE certification is **NOT** a/ guarantee of work, but enables the firm to compete for, and perform, contract work on all USDOT Federal Aid (FAA, FTA and FHWA)

www.dot.state.fl.us

RECYCLED PAPER



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

Your firm is eligible to compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, and may earn DBE credit for work performed in the following areas:

NAICS:	FDOT Specialty Code & Description
541990	300-All Other Professional, Scientific And Technical Services
541310	306-Architectural Services
541340	947-CADD Services

All questions or concerns should be directed to this office by mail or telephone. Our telephone number is (850) 414-4747. Our Fax number is (850) 414-4879.

Sincerely,

John Goodeman
DBE Certification Manager

CRJ & Associates, Inc.

Disadvantaged Business Enterprise
Certificate of Eligibility

Granted to

CRJ & Associates Inc

It has been determined that the firm listed above has met the federal requirements in accordance with the Code of Federal Regulations (49 CFR Part 26) and is thereby eligible to participate in the Disadvantaged Business Enterprise Program in the State of Florida.

NAICS CODES:
541330 541340

Issue Date: October 16, 2013

VICTORIA V. SMITH
Disadvantaged Business Enterprise Certification Manager
Florida Department of Transportation

Florida UCP DBE Directory
Vendor Profile

As Of: 03/29/2018
Vendor Name: CRJ & ASSOCIATES INC
Certification: DBE
Former Name:
Business Description: ENGINEERING SERVICES

Mailing Address:
2699 STIRLING ROAD STE B-201
FT LAUDERDALE, FL 33312-

Physical Address:
2699 STIRLING ROAD STE B-201
FT LAUDERDALE FL 33312-

District: 04 **County:** BROWARD

Website:

Contact Name: MARC FERMANIAN **Phone:** (954) 239-4330 **Fax:** (954) 239-4333
Contact Email: MFERMANIAN@CRJASSOCIATES.COM

Current DBE Certification: Certified **Certifying Member:** Florida Department of Transportation
ACDBE Status: N
Statewide Availability: Y

Certified NAICS

541330 - Engineering Services
541340 - Drafting Services

Dickey Consulting Services, Inc.

State of Florida

Woman & Minority Business Certification

Dickey Consulting Services, Inc.

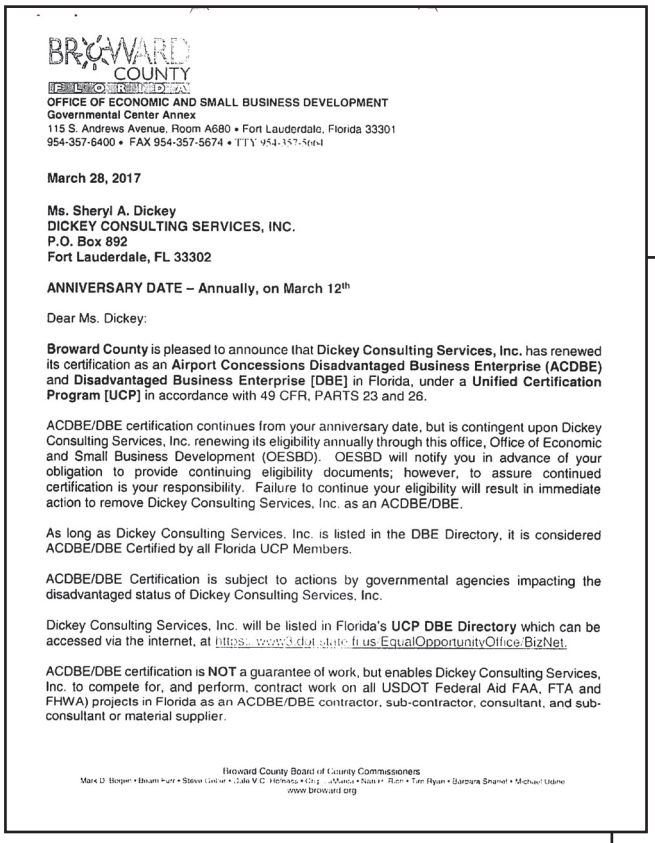
Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

10/13/2017 to 10/13/2019

Erin Rock, Secretary
Florida Department of Management Services

office of supplier DIVERSITY

Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.dms.myflorida.com/osd



BROWARD COUNTY
FLORIDA

OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5684

March 28, 2017

Ms. Sheryl A. Dickey
DICKEY CONSULTING SERVICES, INC.
P.O. Box 892
Fort Lauderdale, FL 33302

ANNIVERSARY DATE – Annually, on March 12th

Dear Ms. Dickey:

Broward County is pleased to announce that **Dickey Consulting Services, Inc.** has renewed its certification as an **Airport Concessions Disadvantaged Business Enterprise (ACDBE)** and **Disadvantaged Business Enterprise [DBE]** in Florida, under a **Unified Certification Program [UCP]** in accordance with 49 CFR, PARTS 23 and 26.

ACDBE/DBE certification continues from your anniversary date, but is contingent upon Dickey Consulting Services, Inc. renewing its eligibility annually through this office, Office of Economic and Small Business Development (OESBD). OESBD will notify you in advance of your obligation to provide continuing eligibility documents; however, to assure continued certification is your responsibility. Failure to continue your eligibility will result in immediate action to remove Dickey Consulting Services, Inc. as an ACDBE/DBE.

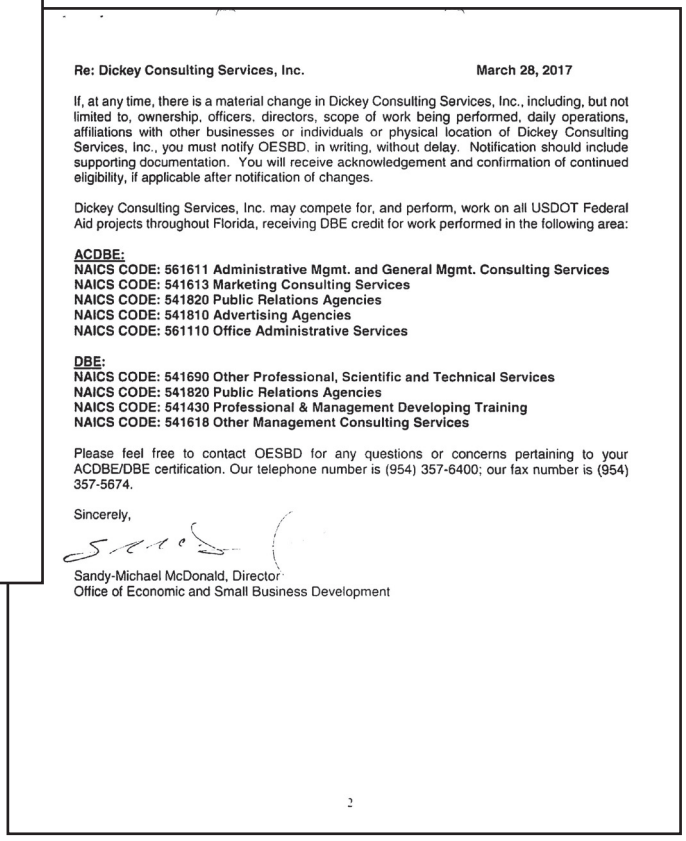
As long as Dickey Consulting Services, Inc. is listed in the DBE Directory, it is considered ACDBE/DBE Certified by all Florida UCP Members.

ACDBE/DBE Certification is subject to actions by governmental agencies impacting the disadvantaged status of Dickey Consulting Services, Inc.

Dickey Consulting Services, Inc. will be listed in Florida's **UCP DBE Directory** which can be accessed via the internet, at https://www3.dot.state.fl.us/EqualOpportunityOffice/BizNet.

ACDBE/DBE certification is **NOT** a guarantee of work, but enables Dickey Consulting Services, Inc. to compete for, and perform, contract work on all USDOT Federal Aid FAA, FTA and FHWA) projects in Florida as an ACDBE/DBE contractor, sub-contractor, consultant, and sub-consultant or material supplier.

Broward County Board of County Commissioners
Mark D. Bogen • Beam Furr • Steve Geller • Dale V.C. Holness • Chip LaMarca • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine
www.broward.org



Re: Dickey Consulting Services, Inc. **March 28, 2017**

If, at any time, there is a material change in Dickey Consulting Services, Inc., including, but not limited to, ownership, officers. directors, scope of work being performed, daily operations, affiliations with other businesses or individuals or physical location of Dickey Consulting Services, Inc., you must notify OESBD. in writing, without delay. Notification should include supporting documentation. You will receive acknowledgement and confirmation of continued eligibility, if applicable after notification of changes.

Dickey Consulting Services, Inc. may compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, receiving DBE credit for work performed in the following area:

ACDBE:
NAICS CODE: 561611 Administrative Mgmt. and General Mgmt. Consulting Services
NAICS CODE: 541613 Marketing Consulting Services
NAICS CODE: 541820 Public Relations Agencies
NAICS CODE: 541810 Advertising Agencies
NAICS CODE: 561110 Office Administrative Services

DBE:
NAICS CODE: 541690 Other Professional, Scientific and Technical Services
NAICS CODE: 541820 Public Relations Agencies
NAICS CODE: 541430 Professional & Management Developing Training
NAICS CODE: 541618 Other Management Consulting Services

Please feel free to contact OESBD for any questions or concerns pertaining to your ACDBE/DBE certification. Our telephone number is (954) 357-6400; our fax number is (954) 357-5674.

Sincerely,

Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

2

Tierra South Florida, Inc.

Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE C. KOPELOUSOS
SECRETARY

October 1, 2009

Certified Mail – Return Receipt Requested

Tierra South of Florida, Inc.
Mr. Raj Krishnasamy, P.E.
2765 Vista Parkway, Suite 9
West Palm Beach FL 33411

ANNIVERSARY DATE – Annually on September 30

Dear Mr. Krishnasamy:

The Florida Department of Transportation [FDOT] is pleased to announce that your firm is certified under the **Florida Unified Certification Program [UCP]** as a **Disadvantaged Business Enterprise [DBE]** in accordance with Part 49 Section 26, Code of Federal Regulations.

DBE certification is continuing, but is contingent upon the firm maintaining its eligibility annually through this office. You will be notified of your annual responsibilities in advance of the **Anniversary Date.** You must submit the annual **AFFIDAVIT FOR CONTINUING ELIGIBILITY** no later than the **Anniversary Date.** Failure to do so will result in immediate action to remove certification.

Only those firms listed in the UCP DBE Directory, are certified by Florida UCP Members. **Prime contractors and consultants should verify your firm's DBE certification status, and identify the work area(s) for which the firm is DBE eligible, through this Directory.**

Your firm will be listed in Florida's UCP DBE Directory which can be accessed via the internet, at http://www.bipincwebapps.com/biznetflorida/ or through The Department's website at www.dot.state.fl.us/equalopportunityoffice, then select "DBE Directory."

DBE certification is **NOT** a guarantee of work, but enables the firm to compete for, and perform, contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, sub-
If, at any time, there is a material change, you **must advise this office, by sworn affidavit and supporting documents, within thirty [30] days.** Changes include, but are not limited to, ownership, officers, Directors, management, key personnel, scope of work performed, daily operations, on-going business relationships with other firms or individuals, or the physical location of your firm. After our review you should receive instructions as to how you should proceed, if necessary. Failure to do so will be deemed a failure, on your part, to cooperate, and will result in immediate action to Remove DBE certification.

Your firm is eligible to compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, and may earn DBE credit for work performed in the following areas:

NAICS:	FDOT Specialty Code & Description
541330	943-Geotechnical Engineering Services
541380	944-Laboratory Testing Services

All other concerns should be directed to this office by mail or telephone. Our telephone number is (850) 414-4747. Our Fax number is (850) 414-4879

Sincerely,

John Goodeman
DBE Certification Manager

www.dot.state.fl.us

RECYCLED PAPER

Tab 8. Subconsultants

Kimley-Horn's emphasis on dynamic teamwork and quality performance serve as the foundation from which we selected our subconsultant partners for this project. We have worked diligently to pursue firms who are revered and accomplished in their respective fields and demonstrate enthusiasm to be a part of our team and serve their local community. We have a responsibility to provide the best possible client service to you as your consultant and we expect the same level of commitment from each of our subconsultants. These team members essentially operate as a seamless addition to our staff, providing superior technical skills with a balanced focus on the city's needs, goals, and concerns.

We have recruited the following expert subconsultants to round out our team. We have worked with all these firms in the past and found them to be excellent partners and provide outstanding quality and client service. Brief overviews of the firms and their roles are provided below, with relevant certifications and licenses included at the end of this section.

ACAI Associates – *Architecture*

ACAI is a unique firm offering Architectural, Engineering, Planning, Construction Management, and BIM/VDC services. ACAI is also a General Contractor which offers a unique perspective and understanding of both how to design and build a building to maximize efficiency and the increase quality and success of the finished product.

In addition, ACAI has been an industry leader in the integration of BIM/VDC technology which allows 3D visualization of drawings and work in progress to spot problems earlier and to discuss the most efficient approach to design and construction. It also allows for 4D design in the planning and integration of staging and sequencing of projects, which is particularly useful in restricted sites and sites where existing facilities need to remain operational.

A brief list of recent projects includes:

- Fort Lauderdale-Hollywood International Airport Terminal 1 Expansion Concourse A & B, Central Baggage Inspection System (CBIS), Terminal 4 Expansion Federal Inspection System
- Fort Lauderdale Executive Airport Customs and Border Protection Facility
- Ravenswood Transit Maintenance Facility
- City of Miami Beach Bus Shelters
- Broward Schools Southwest Bus Facility
- Broward Schools West Central Bus Facility
- Wave Modern Streetcar Stations
- SFRTA Headquarters & Tri-Rail Station

Key Contact: Adolfo Cotilla, AIA
Address: 2937 West Cypress Creek Road, Suite 200, Ft. Lauderdale, FL 33309
Designation: DBE and M/WBE in the state of Florida

CRJ & Associates – *Construction Phase Services/Bidding Assistance*

CRJ & Associates, Inc. provides professional consulting services including project coordination and planning, civil engineering design, and construction inspection services for projects. Civil engineering design and construction engineering inspection services have been their core professional skill-set since the Company's inception. CRJ believes that an experienced and knowledgeable staff is a major factor when assuring that a project will be constructed as smoothly as possible. With our Construction Management Staff, CRJ & Associates works hand-in-hand with the design professionals providing constructability reviews and the knowledge of how it would actually be constructed in the field. CRJ has an excellent record of projects that have been constructed on-schedule and with a minimum of change orders.

Key Contact: Marc Fermanian, P.E.
Address: 2699 Stirling Road, Suite B 201, Fort Lauderdale FL 33312
Designation: DBE in the state of Florida and Broward County SBE and CBE Certification

Dickey Consultant Services – *Grant/DBE Support*

Dickey Consulting Services (DCS) is an economic development, government relations, project management and communications consulting firm. The organization and its associates provide services to public and private enterprises, coordinating, implementing and promoting projects related to economic and community development, government relations, business development, housing, public relations, public involvement, and other marketing initiatives.

Sheryl A. Dickey, founder and owner, is a community and economic development professional with more than 30 years of experience and a track record of success in these areas. She and her staff bring a high level of energy and the ability to participate in a leadership or team member role to ensure successful completion of a project.

DCS provides staffing for invoicing, accounting, document control, small disadvantage business enterprise coordination, contract administration civil-CAD, project inspections, and communications assistance. The firm also provides administrative support for budgeting, planning, management, and purchasing.

DCS's headquarters is in the Midtown Commerce Center, a newly constructed Silver LEED certified building in Fort Lauderdale. Ms. Dickey is the developer and owner of the building and she incorporates all aspects of green building initiatives in its operations.

Key Contact: Sheryl Dickey
Address: 1033 NW 6th Street, Suite 206, Fort Lauderdale, FL 33311
Designation: DBE and M/WBE in the state of

Hillers Electrical Engineering – *Electrical Design*

Hillers Electrical Engineering, Inc. has been in business since February 1994 with the main office located in Boca Raton and branches located in Miami, Hollywood and Orlando, Florida. The Hillers Electrical Engineering, Inc. design staff brings to this project over 30 years of electrical design and project management experience on major air carrier and general aviation airports terminals & airfields that includes edge and centerline runways & taxiways lighting systems, approach lighting systems (ODALS, MALSR), instrumentation landing systems (localizer, glide slope, DME units), airfield electrical vaults, air traffic control towers, airfield lighting control systems, terminal power systems for HVAC, lighting, navigational aids (VASI, PAPI, REIL), signage and all types of aircraft maintenance hangar facilities; major expressway, toll plaza and parking lot lighting systems; supervisory control and data acquisition (SCADA) systems; water/ waste treatment plants, storm water pumping stations, lift stations, state-of-the-art distributed control systems, variable frequency speed drive analysis for facility efficiency improvements, ASR wells; implementation of commercial industrial load control program systems for large industrial power users, value engineering, energy audits, cost estimates, testing, start ups, all types of security systems, fire alarm; low, medium and high voltage distribution systems, normal and stand by generation, short circuit calculations, fault current calculations, protective device coordination; professional and amateur sports complex lighting systems; power, control, instrumentation for major fuel storage and refining facilities in the U.S. and internationally.

Key Contact: Paul Hillers, P.E.
Address: 23257 State Road 7, Suite 100, Boca Raton, FL 33428
Designation: None

Quantum Spatial – *aGIS/eALP*

Quantum Spatial was founded in 1969 and is one of the nation's largest and most experienced full-service geospatial firms. We provide comprehensive aerial mapping and GIS services including state-of-the-art photogrammetric, LiDAR, satellite, airborne imaging, and mapping. Our client base includes a host of airport authorities; local, county, state, regional, and federal agencies; and many of the top engineering and industrial firms in North America. Quantum Spatial's staff includes certified and licensed photogrammetrists, LiDAR specialists, pilots, professional engineers, licensed surveyors, image processing specialists, GIS specialists, CAD technicians, and image analysts. Their headquarters is in St. Petersburg, Florida and they have production facilities located in the US and India.

Quantum Spatial's experience includes photogrammetry services for over 475 airport mapping projects in accordance to FAA AC 150/5300-16, -17, and -18 guidelines. These projects have ranged from small one-runway airports to some of the largest airports in the country. Quantum Spatial continually improves our efficiency by adapting and automating our tools and procedures to meet the FAA and other airport-specific requirements. Three of their staff members have completed the Integrated Distance Learning Environment (FAA IDLE) training in the current FAA guidelines. Quantum Spatial's extensive experience providing mapping and obstruction surveys under the current FAA guidelines has allowed them the opportunity to work closely with the FAA and National Geodetic Survey (NGS) and understand the durations and requirements associated with the numerous types of airport projects that are covered by these guidelines. Their understanding of the FAA's and NGS's review times allows them to schedule people and equipment to ensure that they maximize the critical time periods for acquisition, creation, and submittal for review.

Quantum Spatial's services include mapping for Aeronautical Surveys, WAAS Surveys, AGIS, Instrument Procedure Development, Master Plans, and electronic Airport Layout Plans (eALPs). We have performed these types of projects with international, regional, and local airports across the country.

Key Contact: Robert Vander Meer
Address: 45180 Business Court, Suite 800, Dulles, VA 20166
Designation: None

Stoner & Associates – *Surveying*

Stoner & Associates, Inc. was founded in September of 1988 by James D. Stoner, P.S.M. Their mission is to provide quality Land Surveying services, while utilizing the latest technology and techniques. Stoner & Associates. is a Professional Land Surveying Consultant to numerous municipalities, including, Broward County Aviation Department, South Florida Water Management District, Broward College, Town of Davie, City of Fort Lauderdale, and City of Sunrise. Stoner & Associates has performed Land Surveys for most municipalities and numerous governmental agencies and private clients within the Tri-County Area.

Key Contact: James Stoner
Address: 4341 SW 62nd Avenue, Davie, FL 33314
Designation: Broward County CBE Certification and SBE

Tierra South Florida – *Geotechnical/Material Testing Services*

Tierra South Florida, Inc. (TSF) is a full-service consulting geotechnical and construction materials testing engineering firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction materials testing. TSF's professional team has been working together since 2000 and is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. Their services also include threshold/special inspection and roofing inspection services. TSF is a certified Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation. TSF is also a certified Minority Business Enterprise (MBE) with the State of Florida's Office of Supplier Diversity. TSF's main office is located in West Palm Beach, Florida with branch offices in Fort Lauderdale, Hialeah Gardens, and Winter Park, Florida. The list below illustrates airports where TSF has provided geotechnical and construction material testing services:

- Fort Lauderdale-Hollywood International Airport (FLL), Broward County, FL
- North Perry Airport (HWO), Broward County, FL
- Fort Lauderdale Executive Airport (FXE), Broward County, FL
- Pompano Beach Airpark (PMP), Broward County, FL
- Witham Field Airport (SUA), Martin County, FL
- North Palm Beach County General Aviation Airport (F45), Palm Beach County, FL
- Florida Keys Marathon Airport, Monroe County, FL
- Palm Beach County Glades Airport (PHK), Palm Beach County, FL
- Valkaria Airport (X59), Brevard County, FL
- Vero Beach Airport, Indian River County, FL
- Big Cypress Airfield, Collier County, FL
- Kendall-Tamiami Executive Airport (TMB), Miami-Dade County, FL
- Palm Beach International Airport (PBIA), Palm Beach County, FL
- Lantana Airport (LNA), Palm Beach County, FL
- Naval Air Facility, Monroe County, FL
- St. Lucie County International Airport (FPR), St. Lucie County, FL
- Boca Raton Airport (BCT), Palm Beach County, FL
- Key West International Airport, Monroe County, FL

Key Contact: Raj Krishnasamy, P.E.
Address: 2765 Vista Parkway, Suite 9, West Palm Beach, FL 33411
Designation: DBE and MBE in the state of Florida

Tab 9. Required Forms

- Statement of Qualification Certification
- Non-Collusion Statement
- Local Business Preference (LBP)
- Contract Payment Method
- Sample Insurance Certificate
- Non-Discrimination Certification Form
- Proof of Contract Signing Authority

STATEMENT OF QUALIFICATION CERTIFICATION

Please Note: All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit http://www.dos.state.fl.us/).

Company: (Legal Registration) Kimley-Horn and Associates, Inc.

Address: 600 North Pine Island, Suite 450

City: Plantation State: Florida Zip: 33324

Telephone No. 954.535.5100 FAX No. 561.863.8175 Email: tom.odonnell@kimley-horn.com

Does your firm qualify for MBE or WBE status: MBE _____ WBE _____

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. If this section does not apply to your bid, simply mark N/A. **If submitting your response electronically through BIDSYNC you must click the exception link if any variation or exception is taken to the specifications, terms and conditions.**

Kimley-Horn requests that the Indemnification Language in Section 11.9 be modified to comply with the Florida Statute 725.08 for Professional Services.

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, hereby agrees that in no event shall the City's liability for respondent's indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of five hundred dollars ($500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Gary R. Ratay, P.E.
Name (printed)

Gary R Ratay
Signature

3/30/2018
Date:

Vice President
Title

NON-COLLUSION STATEMENT

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

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

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

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

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

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

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

NAME	RELATIONSHIPS
_____	_____
_____	_____
	_____
	_____

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

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

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

(1) _____ Business Name — is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.

(2) _____ Business Name — is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt **or** a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.

(3) Kimley-Horn and Associates, Inc. Business Name — is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

(4) _____ Business Name — requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(5) _____ Business Name — requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(6) _____ Business Name — is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.

BIDDER'S COMPANY: Kimley-Horn and Associates, Inc.

AUTHORIZED COMPANY PERSON: Gary R. Ratay, P.E. (NAME) Gary R Ratay (SIGNATURE) 3/30/3018 (DATE)

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

DBA:
Business Name: KIMLEY-HORN & ASSOCIATES INC

Receipt #: 377-13600
Business Type: OFFICE/SALES/BUSINESS/ADMIN (CORP OFFICE)

Owner Name: KIMLEY-HORN & ASSOCIATES INC
Business Location: 600 N PINE ISLAND RD #450
FT LAUDERDALE
Business Phone: 954-739-2233

Business Opened: 02/01/1984
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals

For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	0.00	0.00	0.00	45.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

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

Mailing Address:

KIMLEY-HORN & ASSOCIATES INC
421 FAYETTEVILLE ST STE 600
RALEIGH, NC 27601

Receipt #WWW-16-00156570
Paid 09/27/2017 45.00

2017 - 2018

CONTRACT PAYMENT METHOD BY P-CARD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

In accordance with Article 7, item 7.4.3 of the consultant agreement attached herein, payments for all services will be made utilizing the City's P-Card program (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of the agreement.

Please indicate with which credit card you prefer to be paid:

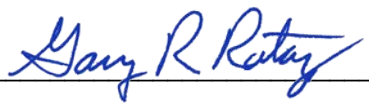
__X__ Master Card

__X__ Visa Card

Kimley-Horn has no card preference.

Company Name: Kimley-Horn and Associates, Inc.

Gary R. Ratay, P.E.
Name (printed)


Signature

3/30/2018
Date:

Vice President
Title

Client#: 25320 KIMLHORN

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 3/25/2018

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 have ADDITIONAL INSURED provisions or 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 any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Greyling Ins. Brokerage/EPIC
3780 Mansell Road, Suite 370
Alpharetta, GA 30022

CONTACT NAME: Jerry Noyola
PHONE (A/C, No, Ext): 770-552-4225 **FAX (A/C, No):** 866-550-4082
E-MAIL ADDRESS: jerry.noyola@greyling.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : National Union Fire Ins. Co.	19445
INSURER B : Aspen American Insurance Company	43460
INSURER C : New Hampshire Ins. Co.	23841
INSURER D : Lloyds of London	085202
INSURER E :	
INSURER F :	

INSURED
Kimley-Horn and Associates, Inc.
421 Fayetteville Street, Suite 600
Raleigh, NC 27601

COVERAGES **CERTIFICATE NUMBER: 18-19** **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE / X OCCUR X Contractual Liab. GEN'L AGGREGATE LIMIT APPLIES PER: POLICY / X PRO-JECT / X LOC OTHER:			5268169	04/01/2018	04/01/2019	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$1,000,000 $500,000 $25,000 $1,000,000 $2,000,000 $2,000,000 $
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY			4489663	04/01/2018	04/01/2019	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$1,000,000 $ $ $ $
B	X UMBRELLA LIAB / X OCCUR EXCESS LIAB / CLAIMS-MADE DED / X RETENTION $0			CX005FT18	04/01/2018	04/01/2019	EACH OCCURRENCE AGGREGATE $	$5,000,000 $5,000,000 $
C A C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		015893685 (AOS) 015893686 (CA) 039326820 (ME)	04/01/2018 04/01/2018 04/01/2018	04/01/2019 04/01/2019 04/01/2019	X PER STATUTE / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $1,000,000 $1,000,000 $1,000,000
D	Professional Liab			P070831800	04/01/2018	04/01/2019	Per Claim $5,000,000 Aggregate $5,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Proof of Insurance

CERTIFICATE HOLDER
Sample Certificate

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
D. H. Collings

Supplier Response Form

CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

(a) Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding $100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

(i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.

(ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

Gary R Ratay

Authorized Signature

Gary R. Ratay, P.E., Vice President

Print Name and Title

3/30/2018

Date

Kimley»Horn

Certificate of Secretary

To Whom It May Concern:

I am the duly qualified and acting Secretary of Kimley-Horn and Associates, Inc., a North Carolina Corporation.

The following is a true copy of a resolution duly adopted by the Board of Directors of the corporation at the Board meeting held on December 14, 2017 and entered in the minutes of such meeting in the minute book of the corporation.

"The Board unanimously approved the contract signing authority of employees as presented." (A copy of the employee lists as presented is enclosed.)

The resolution is in conformity with the articles of incorporation and bylaws of the corporation, has never been modified or repealed, and is now in full force and effect.

Dated: January 9, 2018

Richard N. Cook, Secretary

(corporate seal)

Kimley-Horn and Associates, Inc.
FULL CONTRACT SIGNING AUTHORITY
December 14, 2017

ATLANTIC

NEWPORT NEWS
Collins, Carroll E.

NORTHERN VIRGINIA
Carter, Erica V.
Elman, Paul D.
Kauppila, John L.
Lefton, Steven E.
Martin, Robert J.
Murphy, Terence T.
Sauro, Thomas J.
Stevens, Ross S.
Whyte, Richard D.
Yarnal, Brian D.

RICHMOND
Brewer, Brian J.
Harmon, Amanda R.
Lickliter, Ashley C.
White, Timothy E.

VIRGINIA BEACH
Chambers, Jon S.
France, William D.
Mackey, William F.
Marscheider, Edward A.
Nash, William A.
Royal, Jack R.
Tewksbury, Carl F.

WHITE PLAINS
Gibson, Adam T.

CALIFORNIA

LOS ANGELES DOWNTOWN
Blume, Robert D.
Fares, Jean B.
Kerry, Nicole M.
Kyle, Gregory S
Phaneuf, Alyssa S.

OAKLAND
Akwabi, Kwasi
Dankberg, Adam J.
Durrenberger, Randal R.

ORANGE
Adrian, Darren J.
Ciandella, Serine A.
Fares, George B.
Hourigan, E. Vincent
Matson, Jason B.
Melvin, M. Pearse
Phillips, Chad E.

PLEASANTON
Mowery, Michael C.
Pulliam, John E.
Sowers, Brian E.

SACRAMENTO
Melvin, Enda
Squires, Christopher A.
Weir, Matthew D.

SAN DIEGO
Barlow, Matthew T.
Espelet, Leonardo E.
Harry, Jennifer L.
Kaltsas, Joseph D.
Knapton, Michael J.
Landaal, Dennis J.
Meyerhofer, Peter N
Podegracz, Anthony J.
Ross, Michael S.

SAN JOSE
Hedayat, Leyla
Venter Frederik J.

FLORIDA

BOCA-DELRAY
Schwartz, Michael F.
Webber, Jason A.

FORT LAUDERDALE
Alam, Mudassar M.
Capelli, Jill A.
Falce, Christopher T.
McWilliams, John J.
Ratay, Gary R.
Saxena, K.K.

JACKSONVILLE
Mecca, Joseph P.
Roland, George E.

LAKELAND
Bulloch, Kelly B.
Wilson, Mark E.

MIAMI
Baldo, Burt L.
Buchler, Aaron E.
Campbell, David C.
Collier, Julio A.
Fernandez, Jorge L.

OCALA
Bryant, M. Lewis
Busche, Richard V.

ORLANDO
Chau, Hao T.
Jackson, Jay R.
Martin, Jonathan A.
Mingonet, Milton S.
Thigpen, Jonathan D.

SARASOTA
Nadeau, Gary J.
Schmid, Seth E.
Stovall, Thomas M.

TALLAHASSEE
Barr, Richard R.
Sewell, Jon S.

TAMPA
Gilner, Scott W.
White, Wayne E.

VERO BEACH
Cave, Derrick B.
Good, Brian A.
Peed, Brooks H.
Roberson, Kevin M.
Stephens, Britt L.

WEST PALM BEACH
Atz, John C.
Barnes, R. Russell
Heggen, Christopher W.
Jackson, Kenneth W.
Mufleh, Marwan H.
Rapp, Bryan T.
Schanen, Kevin M.
Sumislaski, James M.
Walthall, David W.

MID-WEST

CHICAGO DOWNTOWN
Dvorak, Jr., William E.
Morton, Jr., Arthur J.

CHICAGO SUBURBAN
Antony, Dean M.
Heinen, Andrew N.

INDIANAPOLIS
Butz, Jr., William A.

TWIN CITIES
Bishop, Mark C.
Coyle, Daniel J.
Danielson, Paul B.
Horn, Jon B.
Leverett, Christopher C.
Matzek, William D.
Williamson, Sarah T.

MOUNTAIN

DENVER
Colvin, Scott W.
Krell, Gabriel M.
Phelps, Randall J.
Rowe, Curtis D.
Salvagio, Robin
Valentine, Brian W.

LAS VEGAS
Ackeret, Kenneth W.
Colety, Michael D.

MESA
Margetts, Sterling T.
Marin, Laura S.
Walnum, Nathan C.

PHOENIX
Conrad, John R.
Hermann, Michael J.
Kissinger, John C.
Leistiko, David J.
Mutti, Brent H.
Noon, Lisa K.
Omais, Ahmad A.
Perillo, Adam C.
Pretorius, Petrus S.
Purtle, Vicki L.
Schiller, Michael G.
Smalkoski, Brian R.

TUCSON
Crowther, Brent C.

SOUTHEAST

ALPHARETTA
Fanney, Lawson H.
Hamilton, James R.
Walker, John D.
Webb, Floyd C.

ATLANTA
James, Alvin B.
Rushing, Michael L.
Wilson, Deborah L.

ATLANTA MIDTOWN
Fink, Kenneth L.
Meador, Emily H.
Montanye, Emmeline F.
Ross, Robert A.
Stricklin, David L.

CHARLOTTE
Blakley, Jr., Stephen W.
Edwards, Matthew A.
Hume, Robert M.
Wilhelm, William R.

DURHAM DOWNTOWN
Beck, Chadwick W.

MEMPHIS
Collins, James F.
Danley, Drake E.

NASHVILLE
Dufour, Zachary J.
Rhodes, Christopher D.

RALEIGH
Adams, Richard C.
Barber, Barry L.
Burchett, Thomas F.
Byrd, Michael N.
Cook, Richard N.
Deans, Neil T.
Dunzo, Mark W.
Flanagan, Tammy L.
Kuzenski, John
McEntee, David L.
Nuckols, Charles A.
Penny, H. Dean

RALEIGH CONT.
Rohrbaugh, Richard R.
Sutter, Karl V.
Venters, Samantha
Wilson, Jon E.
Wilson, Mark S.

TEXAS

AUSTIN
Boecker, Brian C.
Van Leeuwen, Andrew

DALLAS
Hall, James R.
Henigsman, Dean A.
Hoppers, Kevin P.
Nathan, Aaron W.
Smith, Eric Z.
Swindler, Roderick P.
Wilshire, Roy L.

FORT WORTH
Arnold, Scott R.
Gary, Glenn A.
James, Jeffery

FRISCO
Brignon, Brit A.
McCracken, Paul D.

HOUSTON
Frysinger, Chris V.
Guillory, Michael B.

LAS COLINAS
Tribble, Guy B.

Kimley-Horn and Associates, Inc.
STANDARD CONTRACT SIGNING AUTHORITY
December 14, 2017
These persons have authority to sign contracts using unmodified Kimley-Horn forms (not client-drafted contracts).

ATLANTIC
BALTIMORE
Falk, Katherine W.
Kraft, Jonathan H.

NEWPORT NEWS
Weist, Jamie H.

NEW YORK
Van Hise, Kevin

NORTHERN VIRGINIA
Albright, Michael R.
Ameel, Adrienne C.
Giffin, Geoffrey D.
Harris, Michael J.
Markham, Daniel C.
Teague, M. Zach

PHILADELPHIA
Caponigro, Anthony A.

RICHMOND
Ellington, David B.
McPeters, Brian A.
Musarra, Salvatore J.

VIRGINIA BEACH
Brich, Stephen C.
Crum, Katie E.
Farthing, Andrew P.
Jucksch, Rebecca R.
Mertig, Karl E.
Miller, Edward W.
Niss, Robyn M.
Williams, Kyle D.

WHITE PLAINS
Canning, T. John

CALIFORNIA
LOS ANGELES DT
Chakravarthy, Srikanth
Choi, Michael

OAKLAND
Dean, Felicia C.

ORANGE
Holst, Tyler J.
Melchor, Jason J.
Regueiro, Eric

PLEASANTON
Carley, Daniel C.
Whaley, Tyler J.

SACRAMENTO
Klein, Paul A.
Pittalwala, Fareed S.
Tait, Zachary T.

SAN DIEGO
Koopman, Jennifer R.
McCormick, Matthew
McWhorter, Samuel L.
Sorenson, David K.

SAN JOSE
Johnson, Miles R.
Worthington-Forbes, Laura

FLORIDA
BOCA-DELRAY
Spruce, Michael D.

FORT LAUDERDALE
Dabkowski, Adrian K.
Robertson, Stewart E.

FORT MYERS
Van Buskirk, Peter T.

JACKSONVILLE
Brenny, Martin T.
Schilling, William J.

LAKELAND
Lewis, Jason A.

MOBILE
Walker, Jordan W.

ORLANDO
Burkett, Leon F.
Tamang, Edwin L.
Tate, Jr., S. Clif

SARASOTA
Conerly, William E.
Klepper, B. Kelley
Pankonin, James R.

TALLAHASSEE
Wetherell, Ryan S.

TAMPA
Hatton, Christopher C.
Lee, Nathan Q.

VERO BEACH
Husainy, Kinan F.
Kiefer, Michael E.
Van Rens, Peter J.

WEST PALM BEACH
Fairchild, Angelina
Potts, John E.

MIDWEST
CHICAGO DOWNTOWN
Lemmon, Peter
Marnell, Colleen L.

CHICAGO SUBURBAN
Kaufman, Philip R.
Rahman, M. Anees
Sjogren, Timothy

COLUMBUS
Muller, Justin M.
ROCHESTER
Payne, Lucas C.

TWIN CITIES
Henderson, Benjamin J.
Libby, Jonathan N.
Lincoln, Thomas J.
Pertzsch, Jerry D.
Sieh, Patricia D.
Witzig, Jeanne M.

MOUNTAIN
DENVER
Steder, Matthew C.
Turner, Meaghan M.

LAS VEGAS
Belsick, Jody
Moles, Richard A.

MESA
Grandy, Michael L.

PHOENIX
Burgess, Lisa M.
Burns, Leslie D.
Delmarter, Michael L.
Haney, Stephen E.

RENO
O'Brien, Molly M.

SALT LAKE CITY
Johnson, Zachary A.

TUCSON
Solis, Richard P.

SOUTHEAST
ALPHARETTA
Fanney, Angela L.
West, Brian B.

ATLANTA
Newton, Gary T.

ATLANTA MIDTOWN
Bosman, Eric S.
Coleman, Sean H.
Johnston, Sean P.
Strychalski, Raymond P.
Warfield, M. Casey

CHARLOTTE
Taylor, Benjamin S.
Watts, Austin L.

COLUMBIA
Guy, Jonathan R.
Iser, Christopher M.

DURHAM DOWNTOWN
Lewellyn, Earl R.

LEXINGTON
Heustess, Aaron M.
MEMPHIS
Monroe, Kenneth W.

NASHVILLE
Boles, Brendan
Creasman, Brett
McMaster, Ryan

RALEIGH
Bostic, Christopher O.
Cochran, Adam P.
Gresham, Teresa R.
Hachem, Stephanie L.
Howell, Cory J.
Moore, Jeffrey W.
Reed, Elizabeth A.
Robinson, Larry D.

TEXAS
AUSTIN
Mason, Sean R.
Neal, Trey A.
Parker, Brian J.
Smith, Robert J.

BRYAN/COLLEGE STATION
Harris, Joseph C.

DALLAS
Galloway, Steven D.
Gaskey, Kevin S.
Harris, Mark E.
Kacir, Kent C.
Lucas, Matthew A.
Underwood, Sarah M.

FORT WORTH
Morales, Hugo

FRISCO
Dickey, Kyle A.
Millner, Daniel C.
Safford, Ryan C.

HOUSTON
Frysinger, Ashley M.
Kirkland, Mark R.

LAS COLINAS
Delmotte, Ryan M.

MCKINNEY
Riccardi, Joseph C.

SAN ANTONIO
Cox, B. Matthew
Farnsworth, Jeffrey A.
Holscher, Nicholas F.

THE WOODLANDS
Freeman, Jr., Steven C.