



RFQ# 3057-17

Engineering and Consulting Services for Venice Municipal Airport

CITY OF VENICE, FLORIDA

April 13, 2017



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Letter of Interest

April 13, 2017

City of Venice
Procurement – Finance Department
401 W. Venice Avenue – Purchasing – Room 204
Venice, FL 34285

**RE: Statement of Qualifications, Engineering and Consulting Services for the Venice Municipal Airport
RFQ #3057-17**

To Whom it May Concern:

The City of Venice (City) and the Venice Municipal Airport (VNC) have issued a Request for Qualifications for Engineering and Consulting Services for Venice Municipal Airport. The City Council has established a benchmark for strategic planning and a commitment to progressive and sustainable community development. In addition, the City has committed to ensure the most efficient and productive use of public funds in providing the broad array of professional local government services, including the operation and development of the airport as a safe, secure, modern, efficient and financially self-sufficient facility.


Hanson Professional Services Inc. (Hanson) understands the Strategic Goals established by the City with their Envision Venice Strategic Plan initiative and has put together a team of dedicated professionals and local sub-consultants that share the City's vision for its future. Our team will provide the professional expertise the airport requires while ensuring that the City's Strategic Goals are met with each project we undertake. The Envision Venice Strategic Goals are:

1. Keep Venice Beautiful and Eco-Friendly
2. Provide Efficient, Responsive Government with High Quality Services
3. Ensure a Financially Sound City
4. Upgrade and Maintain City Infrastructure and Facilities
5. Encourage and Support a Growing, Diverse Economy
6. Preserve the Venice Quality of Life through Proper Planning

These goals will provide the parameters from which our team will plan, design and construct improvements at VNC. In all that we do we aim to meet your number one objective, "Maintain the Airport as a Top-Notch General Aviation Facility".

We are proud to present the following team and proposal to the City and Airport for consideration and look forward to the opportunity to partner with the City on the Gulf and VNC in the coming years.

Respectfully Submitted,
HANSON PROFESSIONAL SERVICES INC.

A handwritten signature in blue ink that reads "Blake Swafford".

R. Blake Swafford, P.E.
Assistant Vice President

Qualifications and Experience

TAB 2
Qualifications and Experience

Qualifications and Experience

HANSON COMPANY OVERVIEW

Hanson Professional Services Inc. (Hanson) is a national employee-owned consulting firm providing a full range of engineering, planning and allied services to public and private clients around the world. The firm, founded in 1954, employs over 400 engineers, planners, scientists, surveyors, land acquisition specialists, construction specialists and technicians. Hanson has provided engineering, planning and construction management services for more than 50 years to airports, large and small. Hanson offers the services and support of approximately 50 aviation professionals, including technical and administrative staff with expertise in all elements of aviation planning, design and construction management. Our staff also provides full capabilities in airport and aeronautical surveying and mapping, environmental planning, mitigation program development and implementation, land acquisition, land development, building commissioning, energy management, asset management, and sustainable operations. Hanson has 26 offices nationwide, including six office locations in Florida, currently serving over 50 airport clients.



Hanson is recognized as a leader in aviation engineering nationwide and has in-depth experience with Florida Airports, Florida Department of Transportation (FDOT), the Federal Aviation Administration (FAA), and many other Florida state agencies. To further complement our capabilities, Hanson has strategically assembled a unique team of highly qualified local experts. Our team of local expert sub-consultants includes:

- ▶▶ **Beebe Design Studios Architecture, Inc.**, Venice, FL: architectural design services
- ▶▶ **Britt Surveying, Inc.**, Venice, FL: surveying and mapping
- ▶▶ **Ecological Services Associates, LLC**, Venice, FL: ecological services
- ▶▶ **EG Solutions Inc.**, Lakewood Ranch, FL (a certified DBE firm): stormwater, design, permitting and construction
- ▶▶ **Cal-Tech Testing, Inc.**, Lake City, FL (a certified DBE firm): geotechnical services

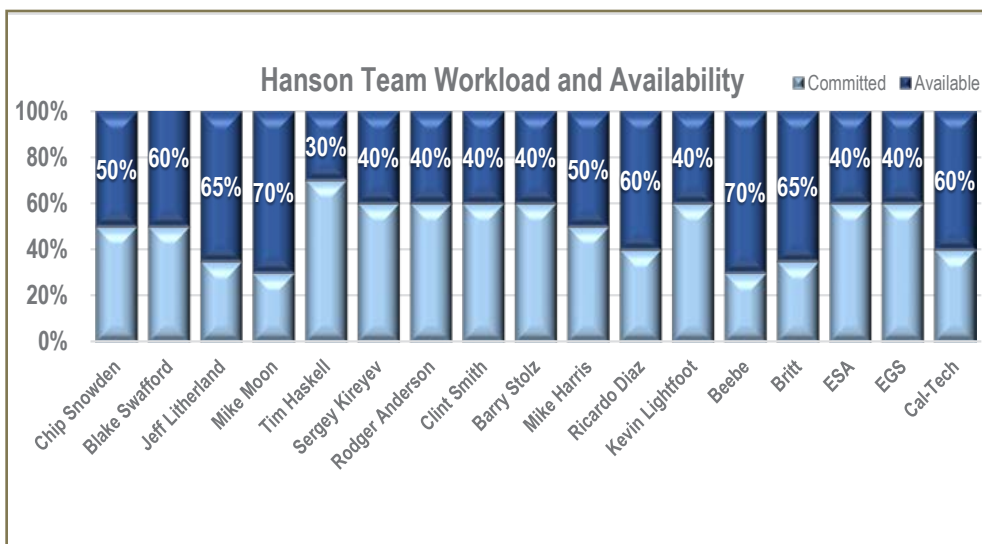
The Hanson Team brings the requisite technical, managerial and administrative experience to successfully complete your projects on-time and within budget. In order to effectively manage the broad range of anticipated airport engineering and planning projects, **Blake Swafford, P.E.**, is your designated Project Manager to lead this program. Blake is one of the very few individuals in the country to have overseen the planning, design, and construction of a completely new airport on a green field site. He possesses the required range of experience and skill, and he can be at the airport on short notice and will serve as the primary point of contact for any client needs or concerns. Following the initial contact and project task assignment by the client, Blake will use the full range of the team members at his disposal to form a group that will respond to that particular task. **Deputy Project Manager Jeff Litherland, P.E.**, will assist Blake in meeting and coordinating any of the client's immediate concerns from Hanson's Sarasota office. **Project Principal Chip Snowden, A.A.E.**, directs the Hanson aviation staff and will be available to provide general project oversight and offer his experience in airport operations, business and strategic planning and airport revenue development.

With multiple former airport managers and high level administrators that have operated commercial service and general aviation airports on staff, Hanson is uniquely positioned to provide diverse aviation industry experience with the perspectives of innovation and project best practices. Hanson's staff has firsthand experience and expertise in the areas of airport operations and management, airport compliance, emergency management preparation and response planning, airport security, inspection and licensing criteria, evaluation of airports in a post-disaster environment, and wildlife hazard planning and programs.

Qualifications and Experience

HANSON TEAM WORKLOAD AND AVAILABILITY

Hanson has the available staff and resources to manage both our current workload and additional projects. All staff listed in the organizational chart in the next section are available to commit their time to your projects as your schedule dictates. Current and anticipated workload for Hanson and our sub-consultants are shown in the graph displayed below. All personnel will be available to you during the critical times when their role is necessary. Our team is prepared to allocate the staff and resources necessary to keep pace with the needs of the VNC staff and CIP programs.



RELATED AND RELEVANT HANSON EXPERIENCE

Hanson takes great pride in our ability to represent airport clients of all types. Hanson has an extensive history of work with airport facilities similar to VNC completing projects in a timely and fiscally responsible manner. We are experienced in managing both small and large projects. We understand common construction problems and how to avoid them, and we manage our teams for maximum quality and productivity. Below is a partial list of Hanson's relevant and related projects.

Related and Relevant Hanson Experience	Program Development	Planning/ Environmental	Airside Pavements	Landside Pavements	Other Airfield Improvements	Stormwater Management	Buildings/ Facilities
● Work currently being performed at the listed airport ● Work previously performed at the listed airport							
Arcadia Municipal Airport	●	●	●		●	●	
Bartow Municipal Airport	●	●	●	●	●	●	●
Fernandina Beach Municipal Airport		●					
Fort Lauderdale Executive Airport	●	●					
Fort Lauderdale-Hollywood International Airport	●	●					
Leesburg International Airport	●	●	●		●	●	
Martin County Airport/Witham Field	●	●	●	●	●	●	
Naples Municipal Airport	●	●	●		●	●	●
Northeast Regional Airport		●					
Orlando International Airport	●						●
Pompano Beach Air Park		●				●	
Punta Gorda Airport	●	●	●	●	●	●	●
Sarasota Bradenton International Airport	●	●			●	●	●
Valkaria Airport	●	●	●		●	●	●
Venice Municipal Airport	●		●		●	●	●
Vero Beach Regional Airport	●				●		●
Winter Haven Municipal Airport		●	●	●	●	●	●

Qualifications and Experience

FAA AND FDOT GRANT EXPERIENCE

Hanson staff have completed airport master plans and ALP's at multiple general aviation airports in Florida and other states. Hanson has expertise in surface access and transportation modeling and planning related to ground access to airports and other modes of transportation. Hanson typically provides interagency coordination on aviation and other public (and private client) projects, including coordination between airport sponsors, FDOT and the FAA, MPO's and the various resource agencies involved in permitting projects.

Our staff is currently working with your FAA Program Managers, Miguel Martinez and Marisol Elliott and your FDOT Aviation Coordinator Kristie Smith for other client projects. The following tables list Hanson's previous FAA and FDOT grant experience.

FAA GRANT EXPERIENCE		
Airport Recipient	Project Description	FAA Grant (\$)
City of Naples Airport Authority Naples Municipal Airport	Taxiway "A" Extension and Water Mgt System Improvement Planning and Design - Phase I	\$1,098,590
	Water Management System Improvement and Taxiway "A" Extension Construction - Phase II	\$4,514,754
Brevard County Valkaria Airport	Apron and Taxiway "B" Rehabilitation Design	\$109,315
	Apron and Taxiway "B" Rehab./ Construction and New Parallel Taxiway "A" Design	\$2,864,833
	T-Hangar Site and Hangar Design and Construction	\$1,634,000
	Runway 10/28 Design and New Parallel Taxiway "A" Construction	\$2,354,989
	Runway 10/28 Construction	1,766,758
City of Leesburg Leesburg International Airport	Obstruction Survey for Runway 13-31	\$101,307
	Extend Runway 13/31 (Wetland Mitigation, Phase 2, Env. Permitting, Bidding - Bid Pkg. 2)	\$111,240
	Extend Runway 31 and Partial Parallel Taxiway "A" Including Mitigation Credit Purchase	\$3,835,397
	Env. Permitting & Mitigation Assistance & DBE Plan	\$968,872
	Airfield Signage Plan	\$123,499
	Wildlife Hazard Assessment	\$115,269
Martin County Airport/ Witham Field	Airport Road & Utilities (EDA Grant)	\$1,000,000
	Noise Mitigation Program Implementation	\$5,000,000
	Runway 12/30 EMAS	\$10,117,000
City of Arcadia Arcadia Municipal Airport	Airport Master Plan and ALP Update	\$237,024

Qualifications and Experience

FDOT GRANT EXPERIENCE		
Airport Recipient	Project Description	FDOT JPA
City of Naples Airport Authority Naples Municipal Airport	Water Management System Improvement and Taxiway "A" Extension Planning and Design - Phase I	\$56,843
	Water Management System Improvement and Taxiway "A" Extension Construction - Phase II	\$307,662
Brevard County Valkaria Airport	Apron and Taxiway "B" Rehabilitation Design	\$9,072
	Apron and Taxiway "B" Rehabilitation Construction and New Parallel Taxiway "A" Design	\$120,625
	New Parallel Taxiway "A" Design	
	T-Hangar Site and Hangar Design	\$1,634,000
	Runway 10-28 Design	\$19,026
	New Parallel Taxiway "A" Construction and Associated Wetland Mitigation	\$191,825
	Wildlife Management Plan	\$1,119
	Runway 10-28 Construction	\$152,118
City of Leesburg Leesburg International Airport	Obstruction Survey for Runway 13-31	\$5,332
	Environ. Permitting & Mitigation Assistance & DBE Plan	\$69,542
	Security Cameras	\$200,000
	Airfield Signage Plan	\$3,250
	Wildlife Hazard Assessment	\$3,033
	Security Fence Design & Bidding	\$696,262
	Mitigated Wetland Removal Phase	\$20,133
	Technical Criteria for Airfield Lighting	\$420,000
Martin County Airport/ Witham Field	Airport Road & Utilities	\$860,000
	Runway 12-30 EMAS	\$341,000
	Approach Survey Runway 12-30	\$98,000
	Replace Security Fencing	\$400,000
City of Arcadia Arcadia Municipal Airport	Fencing and Gates	\$137,000
	Airfield Lighting Replacement	\$180,000
	Airport Master Plan and ALP Update	\$26,336
	Marking and Pavement Conditioner	\$185,000
City of Venice Venice Municipal Airport	T-Hangar Design, Bidding and Construction	\$921,000

Qualifications and Experience

ENVIRONMENTAL PLANNING EXPERIENCE

Environmental planning is a strength of the Hanson's Team. We are very familiar with the NEPA process having performed many Environmental Assessments (EA) and Environmental Impact Statements (EIS) at airports in Florida. In conjunction with the EA's and EIS's performed, our team has extensive experience with Airport Noise Compatibility Planning, FAR Part 161, and Airport Noise and Access Restrictions. Our team has also performed dozens of Stormwater studies throughout the state and is intimately familiar with the Florida Department of Environmental Protection, Florida's Water Management Districts, FAA Stormwater Advisory Circulars and related Stormwater issues.

INDUSTRY-LEADING SERVICES

Hanson is a pioneer in the field of drone survey technology and has been recognized and published nationally for our industry leading work as referenced in the article "Its A Bird...It's A Plane...Nope, It's A Drone!" August/September 2016 Midwest Flyer Magazine. With the use of our UAS's, Hanson has the ability to drastically reduce the time and cost that traditional aerial mapping and surveying require. Our technology includes volumetric determinations, obstruction surveys, topographical surveys and wildlife surveys. This work includes existing conditions, construction monitoring and post-construction coordination. This timely and efficient means of data collecting can offer real-time project progress and recognize up front any future issues that may arise. Accuracies obtained using our unmanned aircraft system are well within the parameters used for traditional ground surveys. As such, the data gathered can be used to plan and design typical engineering projects. In addition to evaluating runway approaches, our UAS can be used for other airport purposes including the collection of promotional photographs, 3-D images, video footage, managing wildlife using thermal imaging, surveying perimeter fencing, monitoring airport pavement conditions, brush control, evaluating drainage effectiveness and other infrastructure inspections. This technology is proving to be very cost effective and can reduce project schedules by days, weeks or in some cases months.

Another area where Hanson is leading the aviation industry is in airport energy management as referenced in the "Orlando International Activates Energy Reduction Plan" article published in the June 2016 Airport Improvement Magazine. Hanson employs a number of best practices approaches to energy management, including energy audits, energy models, energy roadmaps, commissioning and retro-commissioning services. The bottom line for all these efforts is reduced energy usage, a reduced carbon footprint and increased efficiencies. Utilizing proprietary methods and procedures developed by Hanson staff we are able to assist airports in both reducing operating costs and being more environmentally friendly. The Hanson team also has cutting-edge innovative experience in other aviation-related areas including autonomous vehicles, airport end user experience and airport cities.



Its A Bird...It's A Plane...Nope, It's A Drone! August/September 2016 Midwest Flyer Magazine



Orlando International Activates Energy Reduction Plan; article in the June 2016 Airport Improvement Magazine

Qualifications and Experience

DBE PARTICIPATION EFFORTS

One of the goals of Hanson's program is to enhance economic development through the growth and development of Disadvantaged Business Enterprises (DBE) and small businesses. It is the City of Venice's policy to support DBE and small business participation on projects and practice nondiscrimination based on race, color, creed, handicap, sex or national origin in the award or performance of contracts.

Hanson is committed to achieving or exceeding this goal throughout our contract obligations. Hanson has an established policy to ensure that DBEs, as defined in 49 CFR Part 26, and other minority businesses have an equal opportunity to receive and participate in awarded FAA/DOT-assisted contracts. Our policy includes seeking out and using properly certified DBE firms and other small businesses that may contribute to various project tasks.

As part of the professional engineering services associated with planning, design, permitting, bidding and construction services. The following identifies the disadvantaged business included on the Hanson Team and their anticipated task assignments:

- ▶ **EG Solutions Inc. (DBE)** - stormwater, design, permitting and construction
- ▶ **Cal-Tech Testing, Inc. (DBE)**- geotechnical engineering and materials testing

Below illustrates Hanson's past performance of minority participation on some recent similar projects

Valkaria Airport Taxiway B and Apron Rehabilitation, Design and Bidding

DBE Goal %: 10%
DBE Actual %: 12.25%

Valkaria Airport Environmental Assessment, New Taxiway A

DBE Goal %: 10.70%
DBE Actual %: 24%

Leesburg International Airport Runway 3/21 Rehabilitation and Taxiway K Connector

DBE Goal %: 17%
DBE Actual %: 22.90%

Naples Municipal Airport Taxiway A and Water Management System Improvement, Planning, Design and Construction

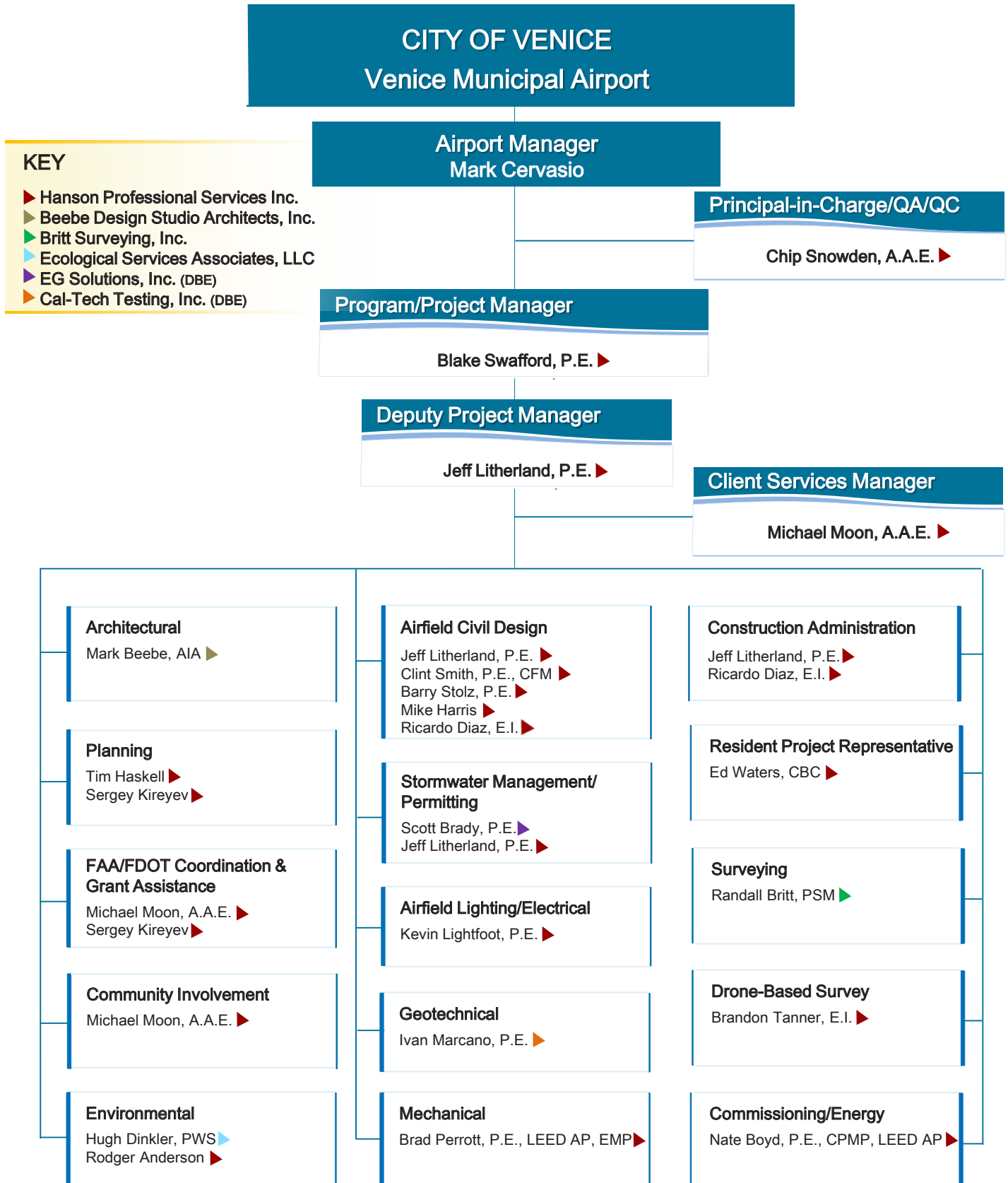
DBE Goal %: 3.8%
DBE Actual %: 9.0%

Organizational Chart, Subconsultant Company Overviews and Resumes

TAB 3
Organizational Chart, Subconsultant
Company Overviews and Resumes

Organizational Chart, Subconsultant Company Overviews and Resumes

The Hanson Team has served and continues to serve a number of airport clients in Florida with characteristics and operations similar to those at the VNC. Therefore, we have modeled our team's organizational structure to address the projects and challenges anticipated within the scope of this RFQ as illustrated by the organizational chart below:



Organizational Chart, Subconsultant Company Overviews and Resumes

Hanson is pleased to include the services of several highly qualified local firms. Brief firm introductions of Hanson's team members:

Beebe Design Studio Architect, Inc. (Beebe) is a comprehensive architectural design firm; committed to providing creative, highly functional design solutions and assisting our clients during every phase of the planning process. From conceptual design through construction, our experienced staff is dedicated to providing the highest quality architectural design services. As the Principal architect, Mark Beebe also has over 20 years of volunteer service to the City of Venice as a member of the Architectural Review Board, recently serving as Vice-chairman.

As a member of the ARB, Mark shares responsibility for reviewing prospective projects within the City of Venice for conformance to the different architectural control district standards. Beebe Design Studio Architect staff have 22 years of experience designing projects within the City of Venice and Sarasota County, and have extensive experience working with State of Florida permitting agencies, as well as local Building and Zoning officials on both private and municipal projects.



Responsible for:

✓ Architectural Design Services

Britt Surveying, Inc. (Britt) is a Land Surveying and Mapping firm with an office in Venice, Florida. The firm began business at the Venice location in 1983 as, Gerken, Britt and Associates, Inc. The firm offers a wide array of services which include: boundary surveys; bathymetric surveys; topographical surveys, horizontal and vertical control surveys; mean high water studies and surveys; subdivision and condominium platting; construction layout for roads, bridges and buildings. Britt has performed several Land Surveys on the Venice Airport, Lease Areas on the Venice Airport, and adjacent properties along the North and Eastern boundaries (WCIND Right of Way for Venice Area Beautification, Inc. also known as the Venetian Waterway Trail).



Responsible for:

✓ Surveying Services

Ecological Services Associates, LLC (ESA) is a full-service ecological consulting firm specializing in environmental consulting services. The firm has offices located in Pinellas and Sarasota Counties, Florida and represents more than 50 years of professional experience in Florida, conducting a wide variety of environmental services including environmental permitting, land management planning and ecological assessment. ESA will offer environmental consulting services.



Responsible for:

✓ Environmental Consulting Services

EG Solutions, Inc. (EGS), certified DBE firm, is a consulting firm specializing in water resources and environmental permitting, program management, design, grant administration, and construction related services. Senior level management has over 100 years of consulting and management experience throughout the eastern and southern part of the United States. EGS has reduced or totally eliminated ponds for water management on multiple airports in Florida. The primary purpose is airport safety – minimizing or avoiding open water that attracts wildlife that is hazardous to aircraft operations. A secondary benefit is increasing the land available for revenue producing use and in many cases lower construction costs. The projects and airports where this has been done have an aggregate savings of construction and land value in excess of \$60 million. They include reducing the size of existing ponds and eliminating new ponds for airport airside and landside areas. This is done without adversely impacting water quality or quantity discharging from the site. The approach is described in the Statewide Airport Stormwater Best Management Practices Manual that our senior consultant authored and that is referenced in 62-330.449 Florida Administrative Code (FAC). This may permit use of the General Permit for T-hangars as well as other airside development. It may reduce or eliminate some planned ponds or dry retention areas. Our team will fully explore these with the City to maximize airport safety and minimize cost impacts.



Responsible for:

✓ Stormwater Management, Permitting, Design and Construction

Cal-Tech Testing, Inc. (Cal-Tech), a certified DBE firm, was established as an engineering and construction materials testing firm in 1980 and is headquartered in Lake City, Florida, with an office in Jacksonville, Florida. The firm has actively provided construction material testing services to the construction industry in concrete, soil and asphalt for 29 years. They are actively involved in FDOT Construction Engineering and Inspection (CEI) projects throughout North Florida and continues to work on Airports in Florida and Georgia. Cal-Tech offers personnel certified by FDOT, ACI, CMEC, AWS and other appropriate agencies and are familiar with many construction techniques and procedures.



Responsible for:

✓ Geotechnical Engineering
✓ Materials Testing

Organizational Chart, Subconsultant Company Overviews and Resumes

Chip Snowden, AAE, CFM, Project Principal/QA/QC

Chip has more than 34 years of experience in the aviation industry, serving on the airport management and consulting sides of the business. Chip's consulting experience also includes working with domestic and international airport owners in developing, airport business plans, management best practices, security programs and "airport cities" property development programs.

Chip has held several high-level airport positions including chief operating officer/director of operations, managing day-to-day operations and planning and development for the Jacksonville Aviation Authority and manager of airport planning and development for the Palm Beach County Department of Airports in West Palm Beach, FL. Additionally, Chip has 25 years' experience managing general aviation airports, including three general aviation airports in the Jacksonville airport system, and three in the Palm Beach County airport system. A partial listing of his relevant experience includes:

South Suburban Airport, Will County, IL. Project director for the feasibility/business plan/privatization plan for the proposed third air carrier airport in the Chicago metro area. The plan included; forecasting air service, air cargo and general aviation operations; forecasting operating expenses; developing a takedown schedule for property development with resulting revenues; and, developed a most likely/best case privatization scenario that would allow revenues to cover expenses for the private airport development/operating community interested in taking over the airport.

Georgetown Municipal Airport, Business Plan, Georgetown, TX. Served as project director for the Georgetown Municipal Airport business plan, a reliever airport for Austin, Texas. The plan included developing best practice recommendations for this corporate reliever airport regarding; security, administration, operations, capital development, long term asset management, staffing, and exclusive rights for the fueling operation. The plan also included pro-forma revenue projections for their best case revenue and expense scenario.

Tancredo Neves International Airport, Belo Horizonte, Brazil. Airport management adviser for Tancredo Neves International Airport in support of the privatization/corporatization of a federal airport. Specific work included developing an airport city property development plan, developing business and strategic plans, security planning, air service development planning and developing a corporatization plan that included an organization and administrative airport governance for the airport to be managed as a semi-private corporate entity. Developed best practice recommendations for operations, administration, security and property development.

Midway Airport, Chicago, IL. Operations expense projection due diligence adviser to the Morgan Stanley/Airports de Paris joint venture, supporting a bid for the privatization of Midway Airport. The project included a plan for re-structuring and right-sizing the organization, developing projections for operating expenditures, and developing an administrative governance scheme for the proposed private airport entity.

Washington State Department of Transportation, Aviation Funding Study, Statewide, WA. Project director for a research and analysis program aimed at finding innovative opportunities for closing the state's aviation funding gap.



Education

B.S./1981/Aeronautical Science/
Aviation Management/Embry-
Riddle Aeronautical University
MBA/1985/Embry-Riddle Aeronau-
tical University
2004/Harvard Senior Management
Development Program

Professional Registrations

Certified Facility Manager (CFM)/
Accredited American Assoc of
Airport Execs (AAE)
Commercial Pilot, Single and Multi-
Engine Aircraft

Professional Affiliations

American Association of Airport
Executives (AAAE)
Florida Chamber of Commerce
International Facility Management
Association
Leadership Jacksonville
Florida Safe Airports Council
Florida Airports Council-Board of
Directors
Airports Council International (ACI)

Served as Adjunct Instructor
Embry-Riddle Aeronautical
University, subjects: Airport
Planning and Design, Airport
Management

Organizational Chart, Subconsultant Company Overviews and Resumes

Blake Swafford, P.E., Program/Project Manager

Blake is an assistant vice president and senior project manager for Hanson's aviation market. With over 19 years of experience, Blake has comprehensive knowledge in the administration and operation of commercial service and GA airports, airport and aviation related project design, project management, and construction management of aviation projects. Those projects include runway extensions, runway safety area expansions, taxiway widening and extensions, apron rehabilitations, and terminal improvements.

Blake has served as the director of Silver Comet Field at Paulding Northwest Atlanta Airport and the executive director of the Paulding County Industrial Building Authority in Dallas, Georgia. His responsibilities included the planning, design, construction and operation of the first new airport built in the state of Georgia in over 30 years. As a design consultant, Blake held positions as an airport design engineer and a project engineer, completing dozens of airport improvement projects at airports across the southeastern United States. A few of his relevant projects include:

Airfield Marking Improvements, Bartow Municipal Airport, Bartow, FL. Project Manager responsible for providing design, bidding and construction services associated with airfield surface painted pavement marking improvements at the airport. The FDOT airport inspection conducted on July 15, 2015 listed marking deficiencies that need remedy, such as, but not limited to: missing black outline borders; incorrect offset distances, incorrect color on taxiways and runways, faded markings and algae buildup. The existing markings for Runway 9R do not meet the current FAA Advisory Circulars. Pavement marking improvements include runways, taxiways, and the ramp areas. Funding for this project is provided by FDOT and the airport.

Airport Access Road, Winter Haven Municipal Airport-Gilbert Field, Winter Haven, FL. Project Manager responsible for the design, bidding and construction services associated with the new airport entrance road. The new entrance road from US 92 to the main terminal includes street lighting, signal upgrades at US 92, fiber optics from the terminal to the new digital airport sign, landscaping and curb cuts for future airport development. The roadway design included all utilities, sidewalk modifications and storm drainage. Funding for this project was provided by FDOT and the airport.

New Airport Development, Paulding Northwest Atlanta Airport, Dallas GA. Airport director responsible for planning, design, construction and operation new airport. Oversaw site selection, planning process, environmental permitting, design, construction plan approvals, land acquisition, construction of runways, taxiways, aprons, drainage system, fuel farm, nav aids, terminal building, parking lots, access road utilities and hangars. Responsible for airport master plan, airport layout plan, airport capital improvements program, compliance with FAA Advisory Circulars and Regulations, airport DBE program, airfield inspections, airport maintenance program, airport SMS program and coordination with the FAA. Responsible for negotiating and implementing all contracts on behalf of the airport, including contracts for engineering design, architectural design, construction, environmental monitoring, maintenance, land leases, hangar leases and terminal leases. Developed, implemented and maintained the Airport Authority's budget, including capital improvements budget, operations budget, and maintenance budget. Conducted public meetings on behalf of the Airport Authority.



Education

B.S./1996/Civil Engineering
Technology/Southern Polytechnic
State University

M.S./1997/Civil Engineering/
University of Tennessee

Professional Registrations

Professional Engineer/FL, GA

Professional Affiliations

Florida Airports Council
American Association Airport
Executives
Georgia Airport Association
National Business Aviation
Association

Organizational Chart, Subconsultant Company Overviews and Resumes

Jeff Litherland, P.E., Deputy Project Manager

Jeff has 30 years of experience with 23 years in airport design and construction. He has directly supervised the development of plans, specifications, time and cost estimates as well as construction oversight for more than 50 airport improvement projects. His experience includes coordination and staging for major embankment and site grading for runways, taxiways, aprons and hangars, automobile parking lots, safety areas and entrance/service roads with both bituminous and concrete paving. A partial listing of his project experience includes:

Fiber-Optic Transmission System, Sarasota Bradenton International Airport, Sarasota, FL. Resident project representative for the installation of a fiber-optic transmission system (FOTS) to connect the new ATCT to the instrument landing system (ILS) and NAVAIDs at both ends of Runway 14/32.

New Air Traffic Control Tower, Sarasota Bradenton International Airport, Sarasota, FL. Resident project representative for the construction of a new air traffic control tower with a 525-square-foot control cab and 9,000- square-foot administrative base building with a custom link. The tower cab was a 10-sided, pre-cast concrete structure with an eye level of approximately 135 feet above mean sea level or about 114 feet above existing grade level.

Relocate Roads in the Runway Safety Area, Lawrenceville-Vincennes International Airport, Lawrenceville, IL. Project manager responsible for design and construction administration services to assist the airport in bringing its runway safety areas (RSA) within Federal Aviation Administration compliance by relocating existing roadways outside of the RSA. The project also included the installation of new fencing, gates, guardrail and signage to ensure the new roadway alignments are used and traffic is properly controlled, and the construction of a box culvert structure to replace an existing single-span bridge over a drainage ditch. Coordination with the airport, the local fire department, neighboring land owners and the U.S. Army Corps of Engineers was critical to the success of the project.

Relocate Airport Road, Southern Illinois Airport, Carbondale, IL. Project manager for improvements to three roads at the airport. Project services included preliminary design, final design, bidding, construction and post-construction services for improvements to three roadways at the airport. Tasks included planning and design surveying, environmental documentation, and preparing construction bid documents and final drawings and specifications. Prepared a preliminary roadway plan and elevation design to determine the approximate construction limits and necessary right-of-way. Also performed hydrologic and hydraulic calculations for the various "minor" pipe culvert locations along the proposed roadway improvements.

Taxiway B Rehabilitation, Southern Illinois Airport, Carbondale, IL. Design engineer and construction manager for surface painted hold position signs and enhanced taxiway markings. Responsible for rehabilitation of Taxiway B and the Part 139 required marking of all taxiways with enhanced centerline markings and all hold position lines with surface painted hold position signs.

8-Place T-Hangar, Crawford Municipal Airport, Robinson, IL. Construction manager for furnishing, constructing and erecting an eight-place T-Hangar (202 feet 6-inches by 60 feet), complete, including all necessary unclassified excavation, aggregate fill, concrete floors, footings, foundations, coordination and electrical installation.



Education

B.S./1986/Civil Engineering/
University of Missouri at Rolla

Professional Registrations

Professional Engineer: FL, IL, MO
Private Pilot, Instrument Rated

Professional Affiliations

Florida Airports Council

Organizational Chart, Subconsultant Company Overviews and Resumes

Michael Moon, A.A.E., Client Services Manager

With over 40 years experience, Mike has extensive experience in aviation management. He has managed airports in Texas, Illinois, Mississippi and Florida. Mike has oversight experience in a wide variety of capital projects including major runway and taxiway rehabilitation, runway and taxiway lighting and signage, security projects, terminal and air traffic control tower construction, application of pavement dressing conditioner, emergency material arresting system design and land acquisition. He also has experience in lease management, enforcement of rules and regulations, security plans and minimum standards. A partial listing of his project experience includes:

General Consulting Services, Arcadia Municipal Airport, Arcadia, FL. Client services manager assisting the City staff with several engineering and planning projects including master plan, security fence and gate design and construction management, pavement rejuvenation and marking, airport master plan scope development, review of administrative and operational documents, cost estimating and grant procurement, and special event (Aviation Day) planning and coordination.

General Consulting Services, Leesburg International Airport, Leesburg, FL. Client services manager assisting with several planning and engineering projects including an Airport Layout Plan (ALP) Update and Narrative Report, Taxiway A realignment, apron expansion and a new Seaplane ramp. Associated tasks included coordination with FAA and FDOT. Assisted the Airport with through the fence issues.

Updating ACRP Report 16: Guidebook for Managing Small Airports. Lead investigator responsible for providing practical management guidance for small airport management. As part of this project, Hanson will edit and reformat the document for currency, relevance and ease of use; add information and subject areas (e.g. UAS, GIS, digital NOTAMS, social media and federal and state obligation); and create an online repository to serve as a reference for small-airport managers. The project team will reach out to the small-airport community across the country to identify key issues to address or expand upon in the guidebook. An industry panel will serve as focus group, especially during the research portion of the project.

Martin County Airport/Witham Field, Stuart, FL. Airport Director of this General Aviation Airport serving recreational and corporate aviation, flight training and emergency response. During his tenure, he managed the day to day operations of the airport. Planning projects completed during his tenure included two Airport Master Plan updates, an FAR Part 150 Study and a Business Development Plan. Implementation of the airport's noise abatement plan developed from the Part 150 Study was also under his purview. Those projects included home/land acquisition and sound insulation, update of the airport's Noise Exposure Maps, installation of a Noise Operations and Monitoring System and development of Standard Instrument Departures and Noise Abatement Departure Profiles (NADP). He also supervised a vast number of development projects including the design of an engineered materials arresting system (EMAS), two major runway rehabilitations, taxiway rehabilitations, new taxiway construction, runway and taxiway lighting projects including upgrades to LED lighting, extension of the primary runway, security fencing projects and pavement dressing conditioner for all runways and taxiways. Vertical construction projects included an Airport Traffic Control Tower (ATCT), design and construction of the airport's administrative building and maintenance / conference center, and an airfield electrical vault.



Education

B.S./1981/Aviation Administration/
Indiana State University

Professional Registrations

Accredited Airport Executive (AAE)
Private Pilot, Multi-Engine Aircraft

Professional Affiliations

American Association of Airport
Executives
Southwest Chapter AAAE
Florida Airports Council

Organizational Chart, Subconsultant Company Overviews and Resumes

Tim Haskell, Senior Airport Planner

Tim has experience conducting airport feasibility and environmental studies, preparing airport layout and master plans and acquiring grants and funding for both primary and general aviation airports. Additionally, he has experience in airport site selection and is well-versed in Federal Aviation Administration (FAA) National Plan of Integrated Airport Systems (NPIAS) projects. Tim served on the planning staff for the City of Chicago and Metropolitan Nashville Airport Authority. He participated in the planning and phasing of airfield and terminal area development and reconstruction of Midway, O'Hare and Nashville Airports. A partial listing of his project experience includes:

Master Plan and Airport Layout Plan Update, Valkaria Airport, Valkaria, FL.

Project manager for the master plan and airport layout plan update to reflect projects that have been completed since the 2006 study, existing environmental and operating conditions, and maintenance and improvement projects necessary to maintain the airport in a safe and efficient manner consistent with Federal Aviation Administration (FAA) standards and Florida Department of Transportation (FDOT) guidelines. Tasks included developing forecasts, identifying facility needs, analyzing alternatives, reviewing environmental conditions, creating a financial and implementation plan, and conducting agency and public coordination.

Area Safety Program, Bowman Field Airport, Louisville, KY. Senior planner providing planning services to support the Bowman Field Airport Area Safety Program (BAASP). The BAASP will include necessary planning, survey, environmental and mitigation efforts to clear the TERPS surfaces at Bowman Field. Tasks within the mitigation program will include significant public involvement, acquisition of easements, and removal and replacement of trees in the neighborhoods surrounding Bowman Field.

Master Plan and Environmental Assessment, Capital City Airport, Frankfort, KY.

Lead planner for this joint-use general aviation/military airport. Projects include master plan, airport layout plan (ALP) update, establishment and management of the CIP, environmental assessment, negotiation of aviation easements and comprehensive land use plan. Programming and environmental assessment require coordination with Kentucky Air Guard, Kentucky Fish and Wildlife & Game Park and the City of Frankfort.

Master Plan Phase I, St. Louis Downtown Airport, Cahokia, IL.

Airport planner. Phase I of this master plan includes a land use study and forecast to specifically address the redevelopment of this space-constrained facility and to evaluate and identify future land acquisition options. Phase II will include facility requirements, capital investment plan and airport layout plan (ALP).

General Consulting, Tullahoma Regional Airport, Tullahoma, TN.

Project manager. Responsible for developing the CIP to include the ALP, Runway Safety Area/Runway Protection Zone determination, runway length justification report and 405 surveys.

Airport Improvements, Stanton-Powell County Airport, Stanton, KY.

Program manager responsible for programming and planning all projects completed since Stanton received its first AIP Grant in 2006. Under this program, the airport has received more than \$2.04 million in federal and state money for airport improvements. Projects have included Runway 6/24 overlay, parallel taxiway construction, airfield lighting system maintenance, wildlife/security fencing and NAVAIDS improvements. The current project is the planning and land acquisition to support runway safety area (RSA) improvements.



Education

B.S./1977/Aviation Administration/
Middle Tennessee State
University

MEd./1979/Education/Middle
Tennessee State University

Professional Affiliations

Airports Council International-
North America

American Association of Airport
Executives

Adjunct Faculty: Middle Tennessee
State University and Southern
Illinois University

Organizational Chart, Subconsultant Company Overviews and Resumes

Sergey Kireyev, Aviation Planner

Sergey joined Hanson after nearly 10 years in public service in land use planning and aviation with the Florida Department of Economic Opportunity and the Florida Department of Transportation (FDOT). In his role as the FDOT Airspace and Land Use Manager, he had an opportunity to capitalize upon his interest in urban planning policy and conflict resolution, as well as his passion for aviation, while managing the statewide airport protection zoning and airspace obstruction permitting programs. His knowledge of the Federal Aviation Administration rules, orders, and advisory circulars, as well as established relations with the federal, state, and local stakeholders, allowed him to assist public-use aviation facilities in their planning efforts, protect the public investment in the aviation infrastructure, and to contribute to public policy formation and evolution in airport protection zoning. From this experience, he gained statewide and national recognition in the field of airport land use compatibility and airport protection zoning. Sergey has experience in airspace obstruction evaluation, land use compatibility planning, airport inspection, and airport emergency preparedness and response.

Sergey also served as the State Emergency Response Team (SERT) Air Operations Branch Air Support Facilities/Services Coordinator. His knowledge of and contacts within the Florida system of aviation facilities was utilized during natural disaster response and training activities, such as Operation Haiti Relief and HurrEx Gispert. A partial listing of his relevant projects include:

Airport Master Plan Update, Arcadia Municipal Airport, Arcadia, FL. Senior Planner assisting the City with a comprehensive update to the airport's previous master plan. The study includes the completion of an updated Airport Layout Plan set and is addressing all necessary requirements including the need for landside improvements such as aircraft storage facilities, new fuel farm, apron and T-hangar access pavement improvements, tenant parking, new parallel taxiway, land acquisition, runway extension and improved service offerings to tenants and users.

Protection Zoning Regulations, Naples Municipal Airport, Naples, FL. Senior planner responsible for updating the local zoning ordinances and interlocal agreements to comply with amended requirements of Chapter 333, F.S. 'Airport Zoning'. The impacted documents include- but are not limited to – Chapter 18 of the Collier County Code of Ordinances and Airport Overlay District regulations of the City of Naples Code of Ordinances. The project involves a coordinated review of statutory changes applicable to the local governments' characteristics and existing regulations, draft revisions to the ordinances and interlocal agreements subject to Ch. 333 requirements, preparation of city and county proposed and adopted amendment packages, and all associated local and state coordination efforts. The final anticipated deliverable would include transmittal of adopted ordinances to FDOT Aviation and Spaceports Office.

FDOT Aviation and Spaceports Office, Airport Master Plans, Airport Layout Plans, Environmental Assessment, Etc., Tallahassee, FL. As Airspace and Land Use Manager conducted reviews of and provided technical analysis and comments on proposed and adopted airport master plans, airport layout plans, environmental assessments, and other planning documents with respect to airport design, airport protection zoning, airport land use compatibility, and potential impacts of proposals on state airport licensing standards. During the tenure, between 2007 and 2014, the reviews included in excess of 20 documents and studies, including master plan and airport layout plan updates for facilities such as Venice Municipal Airport, Leesburg International Airport, Ocala International Airport, Belle Glade State Municipal Airport, Inverness Airport, and Flagler County Airport.



Education

B.S./2000/Political Science/Mars Hill College at Mars Hill, N.C.

M.S./2004/Political Science/University of Central Florida at Orlando

Professional Affiliations

Airplane Owners and Pilots Association

Florida Airports Council

Organizational Chart, Subconsultant Company Overviews and Resumes

Clint Smith, P.E., CFM, Civil Engineer

Clint's experience includes design of roadways, stormwater management systems, stormwater collection systems, utility layout, geometry layout, and erosion control. He has also inspected and certified newly constructed stormwater management facilities as well as sewer and water distribution systems. His primary expertise is in the integrated design of stormwater management facilities and stormwater conveyance systems for roadway facilities. Clint has experience on many different types of stormwater treatment design methodologies including Airport Stormwater Best Management Practices, compensatory treatment pollutant loading analysis and nutrient loading analysis. He is proficient in many engineering software applications including ICPR3.0, ASAD, AutoCAD, MicroStation, GEOPAK, StormCAD, SewerCAD, WaterCAD, and Microsoft Office. A partial listing of his relevant experience includes:

Terminal Expansion Stage 3, Jacksonville International Airport (JIA) Jacksonville, FL. Assisted in a phased drainage design to serve the proposed improvements at the terminal. He determined existing drainage basin patterns over the 100 acre site, and developed alternative pond siting locations and pond sizing for the overall master plan expansion area. He finalized the drainage design for a new storm water management facility (SWMF) for the first phase of the expansion and the drainage collection system which included all pipes and conveyance ditches. A SWMF was designed and permitted for the build-out condition that tied into and expanded the Phase I facility. The build-out collection system was also designed to connect to the system constructed as a part of Phase I. Lead the design and permitting utilizing a new innovative treatment methodology as specified in the Florida Airports Stormwater Best Management Practices (BMPs) Manual. This project is one of the first to be permitted by utilizing the new BMPs in lieu of the conventional criteria typically required by the water management districts of Florida. The use of the BMPs substantially minimized costs associated with drainage and stormwater management.

Bypass Taxiway H, Jacksonville International Airport, Jacksonville, FL. Drainage design engineer for stormwater treatment design and analysis of Taxiway H. This new taxiway extends around the western edge of the aircraft apron with connections to Taxiways J and P. This is an extension of the Stage 3 terminal expansion on which Mr. Smith was previously responsible for drainage design. Additionally, there is a future buildout phase planned in which the apron will be expanded to encompass the perimeter created by Taxiway H. The "Clean Water – Safe Airports Best Management Practices Manual was used as a guideline for the stormwater treatment design and analysis performed for this project. Stormwater models of existing, proposed and buildout conditions were developed. Adequate treatment was demonstrated in the nutrient loading analyses performed for proposed and buildout conditions, which utilized the annual volumes reported from the results of a yearlong ICPR stormwater modeling simulation. Stormwater treatment was provided by a combination of overland flow and retention swales.

Runway 8/26, Pensacola International Airport, Pensacola, FL. Used ICPR 3.0 to develop a stormwater model that represented existing conditions as well as proposed conditions with proposed dry detention pond. Used rating tables to simulate high percolation rates of the soils in the region. Simulated areas of natural depression with stage storage nodes based on survey. Used Microsoft Excel to design proposed storm sewer system. Performed analysis of existing downstream system to ensure that proposed improvements would not have adverse impacts.



Education

B.S./2003/Civil Engineering/
University of Florida

Professional Registrations

Professional Engineer/ FL
Certified Floodplain Manager
Erosion Prevention and Sediment
Control Inspector

Professional Affiliations

Florida Airports Council

Organizational Chart, Subconsultant Company Overviews and Resumes

Barry Stolz, P.E., Civil Engineer

Barry has 18 years of experience in aviation, site and civil design providing cost effective planning, design and construction services related to airport/aviation development. He has airport design and construction experience in pavement design and rehabilitation, geometric layouts and aircraft ground mobility, NAVAIDS, hangar buildings and sites, airfield electrical design, shop drawing and mix design reviews, cost estimating, site investigation, and preparing bid and construction documents. He has been responsible for preparing and managing detailed safety phasing and security plans for commercial airports requiring coordination with airport security, ATCTs, engineering, the FAA and local law enforcement during design and construction phases. Barry is knowledgeable with the FAA advisory circulars and order documents including the technical specifications. A partial listing of his project experience includes:

Runway 10/28 Reconstruction, Valkaria Airport, Valkaria, FL. Project engineer responsible for designing Runway 10/28 reconstruction. The project consisted of reconstructing the 4,000-foot-by-60-foot runway to provide standard structural and functional condition. Work items included grading, drainage, subgrade stabilization, bituminous paving, marking and incidental construction.

Runway 17/35 Rehabilitation and Sinkhole Repair, Monroe County Airport, Bloomington, IN. Project engineer for design of the project to mitigate karst features that developed along the pavement and within the runway safety area of the airport's primary runway. The sinkhole mitigation and runway rehabilitation design consisted of nearly 400,000 cubic yards of unclassified excavation, 172,700 tons of various gradations of stone, and approximately 44,000 ton of bituminous pavement, runway edge light and guidance sign replacement, marking, grooving and incidentals. The project was designed on a fast track to target construction in the same year and secure funding. Three bids were obtained that were all within 8% of the engineer's opinion of probable construction cost. The project design was phased for the primary runway to be closed for a maximum of 68 calendar days. Construction was under way within a week of the receipt of the grant and proceeded on a 24-hour-a-day, seven-days-a-week operation to stay on schedule and finish before winter. The runway was re-opened one day ahead of schedule.

Runway Reconstruction, Indianapolis Executive Airport, Zionsville, IN. Assisted the project manager in all phases of this project consisting of the preliminary engineering report and recommendation, construction plans, bidding, construction management and resident inspection. This project was a fast-track ARRA stimulus project from the FAA and USDOT, and consisted of thorough communication between all parties, including FAA, INDOT, airport sponsor, airport manager and subconsultants. During the preliminary engineering report, several runway reconstruction and rehabilitation measures were analyzed and designed, and the reconstruction recommendation was presented to the FAA, INDOT and owner. The final design for the construction documents included removal of the existing runway asphalt pavement and construction of a 10-inch-thick Portland Cement Concrete pavement on the existing stone base, which was reshaped and recompact. The project also included an asphalt mill and overlay of taxiway connectors, runway overrun pavement and airport entrance roads. The project ended under budget and ahead of schedule.



Education

B.S./1997/Civil Engineering/Purdue University

Professional Registration

Professional Engineer/FL, IA, IL, IN, KY, MO, OH

Professional Affiliations

American Association of Airport Executives

Aviation Indiana

Missouri Airport Managers Association

Missouri State Aviation Council

Organizational Chart, Subconsultant Company Overviews and Resumes

Mike Harris, Civil Designer

Mike's 18 years of experience includes planning and designing various airport projects performing construction observation and materials testing for airport, highway and building construction projects. He has completed numerous airport planning projects and is knowledgeable regarding airport airspace requirements and obstruction analysis procedures. These projects have included preparing airport layout plans (ALPs) and other exhibits using CADD and GIS software applications. A partial listing of his project experience includes:

Runway 14/32 Safety Area Improvements, Naples Municipal Airport, Naples, FL. Designer for project to correct deficiencies with the Runway 14/32 safety area. The project was developed in response to an FAA Airport Part 139 inspection to correct runway safety area (RSA) deficiencies related to drainage structures and new grading requirements. Project tasks included excavation, drainage pipe installation, embankment, electrical signage and lighting adjustments, asphalt pavement removal, asphalt paving, construction observation, marking and striping, miscellaneous earthwork and sodding. Mike's tasks included grading design to conform to FAA design criteria; design and layout of drainage improvements, airfield electrical modifications, and erosion and sediment control plans; development of a construction safety and phasing plan; and preparation of construction documents including plans, specifications, quantity estimates, and preparation of construction cost estimates.

Airport Traffic Control Tower (ATCT) Fiber Optic Transmission System, Sarasota Bradenton International Airport, Sarasota, FL. Served as the lead designer in preparing construction plan sheets, exhibits and notes. Mike closely coordinated with Airport staff to identify existing underground facilities and ultimate alignments. The project included the design of a new fiber optic cable and duct bank run from the new ATCT to the glide slope and localizer facilities on each end of Runway 14/32.

Taxiway A Realignment, Leesburg International Airport, Leesburg, FL. Designer for a realignment of Taxiway "A" at Leesburg International Airport in Leesburg, FL. The project included realigning and extending the existing taxiway meet current design criteria. Project tasks included grading, drainage, erosion control, bituminous paving, marking, lighting and incidentals. Hanson provided bidding services, a construction safety and phasing plan, a resident project representative, project engineer site visits, contract documents and construction management manuals; conducted a pre-construction meeting; and evaluated contractor pay requests. Tasks included geometric layout; grading and drainage design; marking, lighting, and signage design; development of a construction safety and phasing plan; and all aspects of construction document preparation including plans, specifications, quantity estimates, and preparation of construction cost estimates.

Airfield Lighting System Improvements, Arcadia Municipal Airport, Arcadia, FL. Airport designer responsible for layout and design of airfield lighting elements to conform to applicable Federal Aviation Administration design standards; development and coordination of a construction safety and phasing plan; and preparation of construction documents including plans, specifications and construction cost estimates. This project consisted of replacing the airport electrical vault and runway and taxiway lights, and installing new airfield signage. The project also included installing an L-807 primary wind cone and an L-881 abbreviated PAPI system.



Education

B.S./1999/Public Affairs/Indiana University

Professional Training

AutoCAD
AutoCAD Civil3D
AutoCAD Map3D
ArcGIS
Microstation

Professional Affiliations

Florida Airports Council

Organizational Chart, Subconsultant Company Overviews and Resumes

Ricardo Diaz, E.I., Designer

Ricardo has experience providing plan production and revisions, exhibits, and permitting assistance for various airport projects. A partial listing of his project experience includes:

Runway 10/28 Reconstruction, Valkaria Airport, Valkaria, FL. Designer assisted with the development of conformed documents for the design of Runway 10/28 reconstruction. The project consisted of reconstruction of the 4,000-foot-by-75-foot runway to provide standard structural and functional condition. Work items included grading, drainage, subgrade stabilization, bituminous paving, marking and incidental construction.

Construct Taxiway A, Valkaria Airport, Valkaria, FL. Designer assisting with plan production and revisions for the design and construction of a new 25-foot-wide parallel Taxiway A to serve primary Runway 14/32. Runway 14/32 had no parallel taxiway, forcing aircraft landing to either back taxi on the runway or the shoulder pavement. A major portion of this project included mitigating impacts to jurisdictional wetlands. Offsite mitigation was proposed to address the impacts to associated wetlands. Pavement millings from the apron and Taxiway B rehabilitation project were used to create a stabilized subgrade below the 6-inch limerock base and 2-inch bituminous surface course.

Taxiway B and Apron Rehabilitation, Valkaria Airport, Valkaria, FL. Designer for project consisting of reconstructing the entire apron pavement and a 25-foot section of existing Taxiway B for B-I aircraft. It includes drainage reconstruction and improvements, helicopter and turbine aircraft fueling hardstands, and grading of the infield to remove wetlands mitigated under an associated project. The project involves recycling the existing base into a stabilized subgrade, constructing new limerock base and constructing a new bituminous surface. The pavement surface recycling through mixing with in-place soils creates a stabilized base with a CBR of 50. Because the drainage pipes for the infield between Taxiway B and the apron were partially collapsed and failing, these were replaced and re-aligned. This will help reduce current flooding on the airport, but will also alter jurisdictional wetlands that expanded due to the drainage failure.

Taxiway A Realignment, Leesburg International Airport, Leesburg, FL. Designer assisting with the development of conformed documents for the design of taxiway realignment. The project consisted of realigning Taxiway A and a portion of Taxiway K in order to meet current standard runway-taxiway separation and accommodate future apron expansion. Work items included replacing taxiway lights and signs with associated cabling and duct work, grading, drainage, subgrade stabilization, bituminous paving, marking and incidental construction.

Taxiway D Extension, Naples Municipal Airport, Naples, FL. Designer responsible for construction plans preparation. This project provides professional engineering services for the construction of an extension to existing Taxiway D. The extension is from Taxiway C to the intersection of the Runway 5 extension, opposite the Taxiway A1 connector. No intermediate connectors or run-up pads are included. Services include: field surveys, geotechnical subsurface exploration, geometric layouts, pavement design, stormwater management design and permitting, electrical modifications, signage, pavement markings, bidding services, and construction plans preparation and specifications.



Education

B.S./2012/Civil Engineering/
University of Central Florida
A.S./2010/General Engineer/
Valencia Community College

Professional Registration
Engineering in Training/FL

Professional Affiliations
Florida Airports Council

Organizational Chart, Subconsultant Company Overviews and Resumes

Kevin Lightfoot, P.E., Electrical Engineer

Kevin has more than 28 years of electrical engineering experience. His vast experience includes designing airfield lighting and navigational aid systems, service entrance and power distribution, emergency/standby power systems, motor control systems, lighting, heating and ventilation, lightning protection, surge protection and grounding systems. He has worked on projects for a variety of facilities including airports, railroads, roadways, telecommunication facilities, schools, water and wastewater treatment plants, pump stations and fuel storage and dispensing facilities. A partial listing of his project experience includes:

Runway 10/28 Reconstruction, Valkaria Airport, Valkaria, FL. Electrical engineer for the design of Runway 10/28 pavement reconstruction to provide standard structural and functional condition. The existing pavement functionality and structure were at or near failure, and the pavement had exceeded its original design life. Responsible tasks included assistance with construction services which included shop drawing review of PAPI's, airfield lighting and electrical equipment and materials. Assisted project managers with interpretation of National Electrical Code issues, applicable FAA requirements, airfield lighting installation requirements, and electrical change orders to comply with the applicable codes and standards.

Airfield Lighting System Improvements, Arcadia Municipal Airport, Arcadia, FL. Electrical engineer responsible for providing electrical design plans and special provision specifications and construction services. This project consisted of replacing the airport electrical vault and the runway and taxiway lights and installing new airfield signage. The project also included installation of an L-807 primary wind cone and an L-881 abbreviated PAPI system.

Security Lighting, Naples Municipal Airport, Naples, FL. Electrical engineer responsible for electrical lead and lighting glare calculations. This project consists of the research and preparation of a vertical lighting analysis and report. The reference for the analysis guidelines is the "Airport Design Guide" by Sterner Lighting, which is based on the Illuminating Engineering Society (IES) publication RP-14. Using these guidelines, information provided by Naples Municipal Airport and information provided by the fixture suppliers, a model of the lighting area will be generated and evaluated using the computer program Visual, from Acuity Lighting. The model results will be compared to the guidelines and summarized in a report.

Airfield Lighting Improvements, Design/Build, Leesburg International Airport, Leesburg, FL. Electrical engineer to provide the technical criteria for design/build services related to the airfield lighting rehabilitation for Runway 13/31 and Taxiways A and K. The technical criteria package included locating existing lighting facilities, preparing preliminary plans, preparing layout plans based upon the latest FAA Advisory Circulars (AC) and preparing project outline specifications. Provided the preliminary plans and outline electrical specifications for the technical criteria package. Preliminary plans included construction safety and phasing plans, existing and proposed electrical and lighting layout plans; details for airfield lighting, cable splices, handholes, manholes, and ducts; electrical and grounding notes; counterpoise plan details, vault equipment plan, electrical one line diagram and high voltage wiring schematics for airfield lighting circuits.



Education

B.S./1986/Electrical Engineering/
Southern Illinois University
Carbondale

A.S./1983/Science/John A. Logan
College Carterville

Professional Registration

Professional Engineer/FL, IL, IN, KY,
LA, MN, MO, WI
Professional Engineer- Electrical
Engineering/NV, WA

Organizational Chart, Subconsultant Company Overviews and Resumes

Ed Waters, CBC, Resident Project Representative

Ed Waters, CBC, a project coordinator and superintendent, has experience in construction coordination and resident inspection, program management, business administration, financial management and customer relations. In addition to his extensive business experience and business administration degree, he possesses college and continued education credit in chemistry and computer software/hardware applications. He is a licensed Florida building contractor. A partial listing of his project experience includes:

T-Hangar Design Revision and Bidding Services, Venice Municipal Airport, Venice, FL. Resident project representative for construction support services for new T-hangars at the Venice Municipal Airport. The original layout of one row of T-hangars with 42-foot-span doors and another row with two rectangular box hangars was modified to one eight-unit T-hangar with 48-foot door spans. The plans and specifications were modified to accommodate the new T-hangar and taxiway layout. The required utility relocation work was completed under a prior project.

Construct Taxiway A, Valkaria Airport, Valkaria, FL. Resident project representative for the construction of a new 4,000-foot-long, 25-foot-wide, parallel Taxiway A to serve primary Runway 14/32. The project was jointly funded by the Federal Aviation Administration and Florida Department of Transportation District 5, with Valkaria Airport providing the required match. The project included the off-site mitigation of impacts to jurisdictional wetlands. Pavement millings from the apron and Taxiway B rehabilitation project were used to create a stabilized subgrade below the 6-inch limerock base and 2-inch bituminous surface course.

Runway 13/31 Extension Design and Taxiway A, Leesburg International Airport, Leesburg, FL. Resident Project Representative. Over a two-year period, Leesburg International Airport undertook a complete renovation of Runway 13/31. Through four months in 2008, Runway End 13 and Taxiway A were extended and the RSA redesigned. In 2009, a construction project extended Runway 31 1,000 feet and increased parallel Taxiway A by more than 1,000 feet, including holding bay/run up areas. Construction was completed ahead of schedule. Hundreds of thousands of cubic yards of on-site borrow material was moved to complete extension, taxiway and RSA construction. A new PAPI system was installed.

Construct T-hangars and Site Work, Valkaria Airport, Valkaria, FL. Resident project representative for the construction of two 16,206-square-foot hangar buildings to provide additional aircraft storage for the airport. The site work consisted of filling an existing stormwater management pond and the relocation of the pond outside of the foot print of the proposed hangars. A trench drain system was used to convey stormwater from the hangar area to the relocated stormwater management area. The project included taxiway access to the approach end of Runway 10. Access to the hangars is provided by 9,540 square yards of new 2-inch-thick bituminous pavement.

Construct Security and Wildlife Fencing, Punta Gorda Airport, Punta Gorda, FL. Superintendent. Reconstructed new fencing around the complete perimeter of the Punta Gorda Airport's airside boundary. More than five miles of 6-foot security fencing was installed along the perimeters of the airside boundary with more than 4,000 linear feet of wildlife fencing. The project also included vehicle and pedestrian security gates.



Education
B.S./1984/Business Administration
Florida Institute of Technology

Professional Registrations
Licensed Building Contractor

Professional Affiliations
Florida Airports Council

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Rodger Anderson, Environmental Specialist

Rodger is a biologist with more than 20 years of experience conducting habitat assessments, environmental site assessments, noise and air quality analyses, and archeological surveys. He has valuable experience performing threatened and endangered species surveys and prepared wetland delineation and mitigation plans. Rodger has been involved with all aspects of environmental documentation including data collection, technical field surveys and technical report documentation. A partial listing of his relevant project experience includes:

Airfield Drainage Improvements, Bartow Municipal Airport, Bartow, FL.

Environmental specialist responsible for categorical exclusions for airfield drainage rehabilitation, reconstruction and improvements at the airport.

Tower Drive Drainage Modification, Naples Municipal Airport, Naples, FL.

Environmental specialist responsible for preparing recommended list of native plantings that are not bird attractants. The project includes the modification of the drainage at the Tower Drive and North Road intersection. The modification will redirect water from the current open channel located on the northeast side of an airside lease parcel to flow through a culvert parallel to North Road. The system will reconnect to the airport drainage flowing to the West Quad Pond downstream of the parcel. The project also includes relocating and elevating the existing sidewalk, installing a visual buffer landscaping and adding a small restroom facility at the observation deck. Associated tasks include field surveys, geotechnical exploration, utility coordination, grading, water management and drainage design, water management permitting, landscape design, a criteria package for the restroom, bidding and construction services.

Safety Area Program, Bowman Field, Louisville, KY. Environmental task manager preparing the environmental assessment to support the Safety Area Program. The program will address airspace obstruction mitigation for each of the four runway ends at Bowman Field. Hanson is providing services to complete survey and inventory (manmade and natural features) activities, airspace reviews and all necessary environmental documentation required by the Federal Aviation Administration to comply with the National Environmental Policy Act, development of a standard aviation easement and property appraisals to support acquisition of aviation easements.

Environmental Assessment, St. Louis Downtown Airport, Cahokia, IL.

Environmental lead. Responsible for preparing the environmental assessment and associated documents for improvements at the airport including relocation/reconstruction of Taxiway B, construction of development areas (hangars, taxiway and apron pavements and associated road and parking lots), rehabilitation of the west ramp area and FBO parking lot, construction of a fuel facility along Vector Drive, land acquisition and mitigation of wetlands on the southeast end of the airfield.

Environmental Assessment for Runway 7/25 Extension, Rochelle Municipal Airport, Rochelle, IL.

Environmental lead. Responsible for preparing the environmental assessment for the extension of Runway 7/25. Additional tasks included conducting a public hearing for improvements at the airport that included the approval of mitigating impacts within a floodplain to properly design a culvert system to flow under the runway extension.



Education

B.S./1995/Animal/Aquatic Ecology/
Iowa State University

Professional Affiliations

Illinois Lakes Management
Association
American Fisheries Society-Illinois
Chapter
American Fisheries Society-Water
Quality Section
American Fisheries Society

Organizational Chart, Subconsultant Company Overviews and Resumes

Nate Boyd, P.E., CPMP, LEED AP, Commissioning/Energy Specialist

Nate's experience includes performing administrative and professional project management related to the development and maintenance of energy management plans. He analyzes and identifies ways, both technical and procedural, to improve the effectiveness of energy and water consumption. Nate prepares and reviews life cycle and project cost estimates, specifications, and drawings for new construction and alterations of existing facilities. In 2016, he was a recipient of Consulting-Specifying Engineer magazine's 40 Under 40 and in 2015, he was one of only three ASHRAE members internationally to receive their Young Engineer Award. Prior to joining Hanson, Nate was employed by the City of Orlando as an energy project manager. In this position, he analyzed and identified ways, both technical and procedural, to improve the effectiveness of energy and water consumption. His duties also included the preparation and review of cost estimates, specifications, drawings and construction documents for maintenance, repair, and alterations of City facilities. Nate also designed Direct Digital Controls (DDC) Building Automation Systems (BAS) and sequences of operations for large scale commercial applications for more than a decade before he joined the City of Orlando. A partial listing of his project experience includes:

Greater Orlando Aviation Authority Energy Roadmap, Orlando FL. Energy engineer. Continuous development and implementation of the energy conservation master plan for the Orlando International Airport. Project consists of utility benchmarking and analysis, ASHRAE energy audits, evaluation of prior audit studies, prioritization and project development of ECMs, utility forecasts for current and pending facilities, commissioning services for new facilities, development of persistent savings strategies and public outreach campaigns.

City of Orlando American Recovery and Reinvestment Act – Energy Efficiency Conservation Block Grant, Orlando, FL. Energy Project Manager. \$1.76M retrofit project spanning 26 buildings. Annual savings estimate: \$140,000, actual project tracking in at \$172,000 annually. Project consisted of implementing energy management system infrastructure, replacement of antiquated HVAC components with high efficiency units, and installation of LED lighting in fleet service bays and fire station bays. 31% project portfolio energy reduction. Most improved site saw a 60% energy reduction at a 17 month ROI.

City of Orlando Energy Management System, Orlando, FL. Designed, provided construction project management, and commissioned an all new native BACnet Building Automation System across 32 City facilities. System integrations included digitized historic drawings and O&M manuals, factory service manuals, equipment nameplate information, component vendor catalog links in the Bill of Materials, and operational cost information imbedded in the front end graphics. Oversaw the integration of CMMS work order tracking software and Enterprise level energy accounting software platforms with the BAS to centralize all facility management operations and records management.

Orlando City-Wide Energy Efficiency Master Plan, Orlando, FL. Project Developer & Manager. Undertook a \$17.5M energy efficiency improvement project on 56 municipal properties, including City Hall. This project aimed to reduce the City's energy costs by \$2.4M annually and improve the buildings' indoor environmental conditions. The scope of this work focused heavily on BAS systems, LED lighting, and state of the art HVAC system retrofits.



Education

B.S./2010/Mechanical Engineering/University of Central Florida

A.A./2007/Engineering degree specialization/Valencia Community College

Professional Registrations

Professional Engineer/FL

Commissioning Process Management Professional

Leadership in Energy and Environmental Design

Structural Engineers' Association of Kansas & Missouri

Professional Affiliations

U.S. Green Building Council
University of Central Florida College of

Engineering and Computer Science Alumni Association

International Facility Management Association

Central Florida Energy Efficiency Alliance

American Society of Heating and Air-Conditioning Engineers (ASHAE)

Organizational Chart, Subconsultant Company Overviews and Resumes

Brad Perrott, P.E., LEED AP EMP, Mechanical Engineer

Brad, a mechanical engineer/commissioning specialist, he primarily serves the government and energy market. Prior to joining Hanson, Mr. Perrott was the commercial department head and senior project manager where he was the mechanical engineer of record for all projects within the commercial and health-care department. He also oversaw the computer-based energy modeling as required for utility company feasibility studies and for projects undergoing LEED certification. In 2013, he was named one of Consulting-Specifying Engineer magazine's 40 Under 40. A partial listing of his relevant projects includes:

Southwest Airlines Tenant Renovation Phase 1 and Phase 2, Airside 2, Orlando International Airport (GOAA), Orlando, FL. Senior Mechanical Engineer/Project Manager. Project consisted of a new chilled water AHU, ductwork, and piping for an office renovation for Southwest Airlines on the Ramp Level of AS2. Chilled water piping was connected to the existing AS2 piping fed from the central plant. Southwest Airlines Tenant Renovation, Fort Lauderdale International Airport, Fort Lauderdale, FL. Mechanical Engineer/Project Manager. Project consisted of duct modifications to an office area.

T-1246 Silver Airways Office and Hangar Rehabilitation, Orlando International Airport (GOAA), Orlando, FL. Senior Mechanical Engineer/Project Manager. Project was design build and consisted of new DX HVAC equipment for an office building and new exhaust fans for an airplane hangar.

WS-100 South Terminal Complex - APM, Orlando International Airport (GOAA), Orlando, FL. Senior Mechanical Engineer/Project Manager. Project consisted of new chilled water AHU's, ductwork, piping, and VAV boxes for the new Automated People Mover (APM) Terminal at the South Airport Complex. The APM is part of a 250,000 GSF structure with 40-foot tall curtain wall glass. Project was done entirely in Revit and will be LEED-Certified. An energy model was performed per LEED requirements. Project included air-balance studies to ensure building pressurization was kept while the APM trains were in operation. Project used energy-efficient mechanical designs such as energy recovery ventilators. The building utilizes a single-zone smoke control system initiated and controlled by the fire alarm system.

T-1284-1287B SSP Concessions Tenant Improvements, Orlando International Airport (GOAA), Orlando, FL. Senior Mechanical Engineer/Project Manager. Project consisted of concession area renovations within Airside 1 and Airside 3 on the transfer and ramp levels. The work included new chilled water fan coil units to provide dedicated cooling to these areas and new grease traps for the new cooking equipment.

WS-100 South Terminal Complex - Central Energy Plant, Orlando International Airport (GOAA), Orlando, FL. Senior Mechanical Engineer/Project Manager. "Project consisted of three 700-ton magnetic bearing centrifugal chillers using N+1 redundancy for a total initial build-out capacity of 1,400 tons. A (No Suggestions) primary pumping package with three initial pumps was provided with variable speed drives to allow for variable primary flow. The condenser water system utilized one 2-cell field-erected cooling tower with vertical turbine pumps. The central energy plant is expandable up to 8,400 tons with all chilled water and condenser water piping currently sized to accommodate that expansion. Project was done entirely in Revit will be LEED-Certified. Also, a comprehensive life-cycle cost analysis was performed on the central energy plant chillers with regards to first cost, maintenance, and energy efficiency. Various manufacturers and types of chillers were analyzed in order to give the Owner the most energy-efficient chiller at the most economical cost."



Education

B.S./2002/Mechanical Engineering/University of Florida

Professional Registrations

Professional Engineer/FL, GA, LA, NC, TX

Energy Management Professional Leadership in Energy and Environmental Design Green Globes Professional

Professional Affiliations

American Society of Plumbing Engineers (ASPE)
United States Green Building Council (USGBC)
American Society of Heating, Refrigerating, and Air-Conditioning (ASHRAE)

Organizational Chart, Subconsultant Company Overviews and Resumes

Brandon Tanner, E.I., Drone-Based Survey

Brandon is experienced in airport pavement design and rehabilitation, cost estimating, drainage, site investigation, and the preparation of bid and construction documents, and is very knowledgeable about the FAA advisory circulars. His responsibilities include project design, plan production, airport obstruction modeling, and providing design and construction observation assistance for various airport projects. Brandon also holds a private pilot's license with various flight experiences to include serving as pilot in command of Hanson's Unmanned Aerial Vehicle (UAV/drone), with which we provide services such as aerial mapping, project photography and videography, and site and aviation obstruction surveying. A partial listing of his project experience includes:

Air Space Evaluation and Obstruction Mitigation, Tri-Cities Regional Airport, Blountville, TN. Responsible for constructing 3-D model of existing and proposed airspace surfaces surrounding the airport; analyzing obstruction survey data for possible airspace surface penetrations; and compiling a set of plans visually illustrating airspace obstructions for each runway end that was used for short- and long-term obstruction mitigation plans.

Various Locations, Kentucky Statewide Aviation Planning and Engineering, Statewide, KY. Aviation engineer for airport planning and airport engineering services at public-owned airports throughout the Commonwealth; project includes comprehensive Planning effort to support necessary improvements to the Runway Safety Areas (RSA) and mitigation of obstructions at the Rough River State Park, Falls of Rough, Kentucky. Tasks include constructing 3-D airport airspace models and obstruction analysis and mitigation plans, and developing obstruction plan and profile data sheets.

Rehabilitate Airfield Pavements, Litchfield Municipal Airport, Litchfield, IL. Design engineer responsible for conducting pavement crack survey, quantities calculations and plan production. Project consists of rehabilitating airfield pavements by cleaning and sealing cracks.

Replace MIRL System on Runway 3/21 and Connecting Taxiways, Olney-Noble Airport, Noble, IL. Assistant resident engineer providing construction assistance for installation of various electrical systems and components, as well as project documentation. Project included the removal and replacement of the existing medium-intensity runway lighting system on Runway 3/21 and the existing medium-intensity taxiway lighting system on all connecting taxiways to Runway 3/21. The existing runway and taxiway lights and guidance signs will be removed and turned over to the airport. New light emitting diode (LED) lights will be installed on Runway 3/21 and all connecting taxiways. New electrical cable to the new lights will be installed as well.

Snow Removal Equipment and Maintenance Building, Blue Grass Airport, Lexington, KY. Assistant resident engineer for a new 60,000-square-foot building facility for airport maintenance and SRE storage at the airport. The site/civil design for the project includes tree clearing, extensive earthwork, more than 200,000 square feet of roadway, parking lot and apron pavements, stormwater drainage and utilities coordination to include critical FAA fiber optic lines.



Education

B.S./2014/Civil Engineering and Environmental Engineering/
Southern Illinois University at Carbondale

A.S./2012/Pre-Engineering/
Shawnee Community College

Professional Registrations

Private Pilot, Single Engine Land/
Document of Contract Quantities/
IL
IDOT(38)/
IDOT(42)/IL
Engineer Intern/IL

Organizational Chart, Subconsultant Company Overviews and Resumes

Mark Beebe, A.I.A., Architect

Mark is the principal architect at Beebe Design Studio Architect, Inc. He has over 22 years of experience designing projects within the City of Venice and Sarasota County, and has extensive experience working with the State of Florida permitting agencies, as well as local Building and Zoning officials on both private and municipal projects. Mark also has over 20 years of volunteer service to the City of Venice as a member of the Architectural Review Board, recently serving as Vice-chairman. As a member of the ARB, he shares responsibility for reviewing prospective projects within the City of Venice for conformance to the different architectural control district standards. In addition, Mark assisted in the complete revision of the ARB Guidelines Handbook, including photographs, graphics, language, and color palettes. A partial listing of his project experience includes:

Sarasota Avionics, Venice Municipal Airport, Venice, FL. Architect responsible for the design of a single story office building addition to the existing hangar and parking modifications. The addition was designed to match the existing 10,000 s.f. building in materials and color. The exiting overhead door opening was replaced with an accordion sliding gate for airport security and airflow. Additional tasks include utility relocation.

Venice Chamber of Commerce, Venice, FL. Architect responsible for designing a multi-functional office building with a tourist information center and community room. The overall site design was challenging in that our office had to work closely with the Florida Department of Transportation on a right-of-way change for US-41 road widening during the design phase of the project.

Venetian Plaza Business Center, Venice, FL. Architect for the renovation of an existing three-story office building and bank drive-through facilities involved complete redesign and replacement of all exterior windows, the addition of multiple ground floor and canopy roof structures, new colonnade columns, new structural towers and mansard roofs.

Maxine Barritt Park, City of Venice, Venice, FL. Architect for the project consisting of the design and construction of multiple pavilions and restroom buildings, beach observation platforms and walkovers, multi-use pedestrian trails, parking facilities, landscape and irrigation design, playground equipment, and miscellaneous park fencing.

Legacy Park, City of Venice, Venice, FL. Architect for development of a master park plan including multiple picnic pavilions, creek observation platforms, multi-use pedestrian and biking trails, kayak launching facility, parking facilities, landscape and irrigation design, and train-themed playground. Design of a new park restroom building incorporating design aesthetics and historic design details reminiscent of the adjacent Historic Venice Train Depot and transportation center.

Cramer Toyota of Venice, Venice, FL. Architect for Cramer Toyota's new Body Shop and Pre-owned Car Sales Center incorporated aluminum sandwich panels and extensive detailing to meet Toyota Corporation USA headquarters' standards. The design also included state-of-the-art body shop painting and hydraulic lift equipment in the Collision Center on the western portion of the building.



Education

Master of Architecture/ University of South Tampa

Bachelor of Building Construction/ University of Florida

Professional Affiliations

The American Institute of Architects (A.I.A.)- Gulf Coast Chapter

National Council of Architectural Registration Boards (N.C.A.R.B.)

Organizational Chart, Subconsultant Company Overviews and Resumes

Randall Britt, PSM, Surveyor

Since founding Britt Surveying Inc. in 1994, Randall Britt, PSM, has served as Chief Surveyor for the firm. He ensures that staff resources are available to conduct projects effectively and on time. He has 33 years of land surveying experience in the Sarasota County area. Randall's specialties include: boundary surveys, mapping existing features, forensic surveying, and subdivision platting. A partial listing of his project experience includes:

City of Venice, Venice, FL. Surveyor. Downtown Venice survey (Tampa Avenue, Miami Avenue, and Nokomis Avenue). Established benchmarks, horizontal control points, right of way lines. Completed a topographic survey of all visible improvements. Spot elevations on cross sections on intervals were provided.

Venice Hospital, Venice, FL. Surveyor. Boundary survey locating all visible improvements.

Gran Paradiso Subdivision, Venice, FL. Surveyor. Boundary surveys, topographic surveys and platting of a 250 townhome subdivision.



Professional Registration

Professional Surveyor and Mapper/
FL

Professional Affiliations

Florida Surveying and Mapping
Society

Organizational Chart, Subconsultant Company Overviews and Resumes

Hugh Dinkler, PWS, Environmental Specialist

Hugh's 27 years of experience includes environmental permitting, water use permitting, state sovereign lands authorizations, surface water management system design and its relationship to freshwater and marine ecosystems, wetland functions and values, as well as the offset of wetland impacts with appropriate wetland mitigation design. His detailed and thorough understanding of surface water management system designs and the state regulatory programs in the Florida allow him to carefully review these designs in relationship to the environmental features to insure these features are protected or enhanced and water quality assurances are provided by the project design.



Education

M.S./1990/Agricultural Operations Management/University of Florida

B.S./1986/Wildlife Ecology/ University of Florida

Professional Certifications

Professional Wetland Scientist, SWS, 1995

Legacy Park, City of Venice, Venice, FL. Environmental consultant. The primary environmental goal of the project was to restore the historic conditions of Hatchett Creek within the Legacy Park boundaries and to provide public education opportunities that demonstrate the ecological importance of the area. As a subconsultants, Ecological Services Associates, LLC (ESA) ecologists provided direction for the ecological restoration of Hatchett Creek, assisted with the design and permitting of the restoration activities, and assisted with the development of public environmental education initiatives. The restoration dredging project area was Hatchett Creek from the eastern boundary of the City of Venice: Legacy Park project to the U.S. 41 right-of-way, it is located in Sections 7 and 8, Township 39 South, Range 18 East, in Sarasota County, Florida. The primary goal of the project was to design and obtain state and federal regulatory authorizations to perform restoration dredging within Hatchett Creek from the eastern boundary of the City of Venice: Legacy Park project area to the U.S. 41 right-of-way. ESA ecologists assisted in obtaining a state sovereign land authorization for the restoration dredging activities.

Warm Mineral Springs PID Phase 2, Venice, FL. Environmental consultant. The intent of this project is to complete the resurfacing of Marco Avenue, Malaga Lane, Malaga Avenue, and Mallorca Avenue in Warm Mineral Springs. This project received a prior Southwest Florida Water Management District (SWFWMD) Environmental Resource Permit (ERP) No. 44010545.004, issued 5 October 2006, which expired 5 October 2011. Portions of this project were completed including most of the surface water management system, which provides compensatory water quality treatment. Although there are historically altered wetlands in close proximity to the project, the 16.13 acre project area includes only two Other Surface Waters (OSW). The SWFWMD did not previously require wetland mitigation for these upland cut ditches. The project area may be occupied by the state and federally listed wildlife, including the state-threatened gopher tortoise (*Gopherus polyphemus*), the state and federally threatened Eastern indigo snake (*Drymarchon corais couperi*), and the Florida scrub jay (*Aphelocoma coerulescens coerulescens*).

U.S. 41 and River Road Intersection Improvements. Environmental consultant. The intent is to lengthen the left and right turn lanes at the intersection of River Road and U.S. 41, and this will increase the impervious surface area within the revised drainage basins by approximately 16.0 acres. In addition, a portion of the east right-of-way line of River Road north of U.S. 41 has been adjusted to match the maintenance right-of-way line narrowing the width of River Road right-of-way area and adding a 550± lineal feet of gravity wall along the west side of the proposed bypass ditch. Portions of the project area (new turn lanes and pond sites) were occupied by the state and federally listed wildlife, including the state-threatened gopher tortoise (*Gopherus polyphemus*) and the state and federally threatened Eastern indigo snake (*Drymarchon corais couperi*).

Organizational Chart, Subconsultant Company Overviews and Resumes

Scott Brady, P.E., Stormwater Management Engineer

Scott has over 37 years of experience in civil engineering, emphasizing public sector projects. More than 30 years of his total experience is focused on airport projects, which includes assignments as program manager, project engineer, and consultant. His varied engineering functions have included: engineering analysis, design documents preparation, permitting, cost estimating, CPM scheduling, bid analysis, grant assistance, field observation, construction claims evaluation and resolution, forensic engineering, expert testimony, research and instruction. He has worked on over 150 airport projects at over 50 airports. These have been located in 11 states in four FAA regions, with a concentration in the FAA Southern Region.

In 2012, Scott was co-recipient of a Corporate Eagle Award from the Florida Airports Council for his contributions toward Florida's stormwater legislation. He was the Program Manager and Engineer of Record for the 2014 and the 2015 projects honored with the J. Bryan Cooper Environmental Award from the Florida Airports Council.

A partial listing of his relevant project experience includes:

Statewide Airport Stormwater Study, Florida Department of Transportation, Tallahassee, FL. Project Manager or Technical Manager – phase dependent. The FDOT Statewide Airport Stormwater Study, jointly funded by the FDOT and the Federal Aviation Administration is intended to limit water management features that are more attractive to wildlife, while meeting all state and federal rules for water quality and quantity management. Project Manager for the initial study that included program design; data collection (including stormwater runoff quality and quantity data from the airside of 13 Florida airports); a Technical Report and an initial Best Management Practices Manual for Florida Airports. The Best Management Practices Manual makes recommendations based on data collected and analyzed for the study, and guidance from the Florida Department of Environmental Protection and Water Management Districts for stormwater systems. Technical Manager for studies illustrating the application of the data; rewrites of the BMP Manual to incorporate model and practice experience; physical and computer models for "FAA/USDA Ponds;" legislation and rulemaking assistance; and post-construction monitoring for the pond modifications at Naples Municipal Airport. The project resulted in legislation and a general permit for airport airside stormwater management FAC 62-341.449.

T-Hangar Design Revision and Related Taxiway, Venice Municipal Airport, Venice, FL. Program Manager for the re-design, permitting, and construction support services for new T-hangars at the Venice Municipal Airport. The original layout of one row of T-hangars with 42-foot span doors and another row with two rectangular box hangars was modified to one eight unit T-hangar with 48-foot door spans. The site re-design used continuous simulation models with EPA SWMM to create an infiltration area with structures to slow, but not retain water. This resulted in a system with fewer ground water mounding effects than the immediately adjacent, conventional dry retention pond designs. The plans and specifications were modified to accommodate the new T-hangar and taxiway layout.



Education

M.S./1978/Civil Engineering/
Georgia Institute of Technology

B.S./1977/Civil Engineering/
Georgia Institute of Technology

Professional Registrations

Professional Engineer/FL, GA, TN
Commercial Pilot, single engine,
instrument rated

Professional Affiliations

American Society of Civil Engineers
Aircraft Owners and Pilot
Association
Florida Airports Council

Awards and Recognition

Nomination for FAA Southern
Region "Most Innovative/Creative
Environment Award"

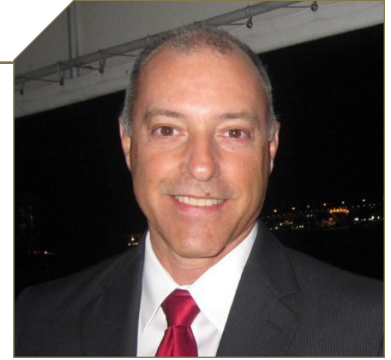
Consultant /Construction Phase
Project Manager – Runway
14-32 Rehabilitation at
Sarasota-Bradenton Airport –
1990 National Asphalt Paving
Association 1st Place Quality
Paving Award for Airfield Project

Organizational Chart, Subconsultant Company Overviews and Resumes

Ivan Marcano, P.E. Geotechnical Engineer

Ivan has over 20 years of geotechnical and field experience in construction of high-rise residential and commercial projects, public transportation projects, industrial complex, resort hotels, stadium, and dike rehabilitation in the states of Florida, New York, the Bahamas, Panama, Colombia and Venezuela. A partial listing of his relevant project experience includes:

- » US Army Corp of Engineers (USACE) culverts C3 and C4A
- » Communication tower antennas and FDOT
- » USACE-Herbert Hoover Dike cut-off wall
- » Conducted subsurface investigation programs and inspected driven pile installations for FDOT
- » Drill shaft and augercast pile installations at the Miami Metro Rail Orange Line
- » Geotechnical Engineering Studies for large-scale resorts, laundry and warehouse facilities in Paradise Island, Nassau, Bahamas
- » Construction management (8-story, structural steel bldg., Edo. Cojedes, Venezl.; Landslide Km-30 Via Los Teques-Tejerias, Edo. Miranda, Venezl.)



Education

M.S./Civil Engineering/University of Florida

B.S./Civil Engineering/Universidad Santa Maria, Caracas, Venezuela

Professional Registrations

Professional Engineer/FL

Certified US Army Corps of Engineers-Construction Quality Management

Certified FDOT Drilled Shaft and Driven Pile Inspector

Certified Troxler Radiation Safety Officer

Key Personnel Experience and References

TAB 4
Key Personnel Experience and
References



Key Personnel Experience and References

Hanson's key professionals assigned to the VNC program include:

Chip Snowden, A.A.E, CFM, Principal in Charge/QA/QC

Chip has 34 years of experience in the aviation industry, serving on the airport management and consulting sides of the business. Chip's consulting experience also includes working with domestic and international airport owners in developing, airport business plans, management best practices, security programs and "airport cities" property development programs.



Chip has held several high-level airport positions including chief operating officer/director of operations for the Jacksonville Aviation Authority and manager of airport planning and development for the Palm Beach County Department of Airports in West Palm Beach, FL. Chip has 25 years of experience managing general aviation airports, including three general aviation airports in the Jacksonville airport system and three in the Palm Beach County airport system.

References: General Mitchell International Airport
Izzy Bonilla, L.A.P., Executive Director
Phone: 414-747-5331
Email: ibonilla@mitchellairport.com

Jacksonville Aviation Authority
Rusty Chandler, Airport Manager
Phone: 904-573-1613
Email: rusty.chandler@cecilairport.com

Blake Swafford, P.E., Program/Project Manager

Blake is an assistant vice president and senior project manager for Hanson's aviation market. With over 20 years of experience, Blake has comprehensive knowledge in the administration and operation of GA airports, airport project design, project management and construction management of aviation projects, including runway extensions, runway safety area expansions, taxiway widening and extensions, apron rehabilitations, terminal & hangar construction.



Blake served as the director of the Paulding Northwest Atlanta Airport and executive director of the Paulding County Industrial Building Authority in Dallas, GA. His responsibilities included the planning, design, construction and operation of the first new airport built in the state of Georgia in over 30 years. As a design consultant, Blake has managed the design and construction of dozens of airport improvement projects at airports across the southeastern United States.

References: Bartow Municipal Airport
Cindy Barrow, Airport Director
Phone: 863-533-1195
Email: tbeacham@bartow-airport.com

Vero Beach Regional Airport
Eric Menger, Airport Director
Phone: 772-987-4930
Email: emenger@covb.org

Jeff Litherland, P.E., Deputy Project Manager

Jeff will work closely with the Program/Project Manager to will coordinate project design and construction teams, direct staff engineers and subconsultants, and will assist with project management functions. He is based in Hanson's Lakewood Ranch, Florida office. As your Deputy Project Manager, Jeff has the expertise and proficiency for maintaining effective project control through a structured project management plan. He will manage and direct the activities of the support staff for the project and is responsible for seeing that all work activities proceed as planned and that the budget and schedule stay on track. Jeff is currently providing construction administration services on 2 high profile projects at Sarasota-Bradenton International Airport. Jeff is working hand in hand with the FAA, contractors and airport staff to deliver the new Air Traffic Control Tower and Fiber-Optic Transmission System projects at SRQ on a tight schedule and fixed budget.



References: Sarasota Bradenton International Airport
Kent Bontrager, Sr. Vice President Engineering, Planning & Facilities
Phone: 941-359-2770 Ext. 4270
Email: kent.bontrager@srq-airport.com

Sarasota Bradenton International Airport
Ken Hinkle, Project Manager, Engineering
Phone: 941-359-2770 Ext. 4278
Email: ken.hinkle@srq-airport.com

Key Personnel Experience and References

Michael Moon, A.A.E., Client Services Manager

Mike will function as your Client Services Manager. Mike has 40 years of aviation experience with over 30 years being in airport management. He has recently been involved in our Airports Cooperative Research Project (ACRP), titled, "A Guidebook for Managing Small Airports." With this experience, and his long term collaboration client service management experience with similar Florida airports, Mike is available to help with any management related requests or best management practice needs the airport might have. He currently serves as client services manager for the Arcadia Municipal Airport, Bartow Municipal Airport, Vero Beach Regional Airport and the Winter Haven Municipal Airport-Gilbert Field.



References:

Winter Haven Municipal Airport - Gilbert Field

Leo Treggi, Airport Director

Phone: 352-728-9786

Email: ltreggi@mywinterhaven.com

Arcadia Municipal Airport

Shelley Peacock, Airport Director

Phone: 863-494-4114

Email: speacock@arcadia-fl.gov

Mark Beebe, A.I.A., Architect

Mark will be the principal architect for the Hanson Team. He has over 22 years of experience designing projects within the City of Venice and Sarasota County, and has extensive experience working with the State of Florida permitting agencies, as well as local Building and Zoning officials on both private and municipal projects. In 2012, he completed a new single story office building addition for Sarasota Avionics, located at the Venice Municipal Airport. Most recently his firm was commissioned to design the first new retail / office building to be proposed for the downtown area of West Venice Avenue in thirty years. In addition, our firm is presently in design and construction phase services for two new medical office buildings for B & L Investments and The Eye Associates coming to East Venice Avenue in the Venetian Gateway District.



References: Sarasota Avionics

Bert Van Kirk, President

Phone: 907-360-6877

Email: bert@sarasotaavionics.com

Venetian Plaza Business Center

Dr. Thomas Kelly, Owner

Phone: 941-365-9411

Email: heartsurgeon4@aol.com

Scott Brady, P.E., Stormwater Management Engineer

Scott has more than 37 years of experience in civil engineering with more than 30 years focused on airport projects. Scott is well-versed in airport stormwater practices and permitting and that are accustomed to projects designed in Florida's highly regulated environmental climate. Author of FDOT Statewide Airport Stormwater Best Management Practices Manual and Technical Report for the Statewide Airport Stormwater Study. Editor for Application Assessment for the Statewide Airport Stormwater Study. Co-author of Rule 62-330.449 Florida Administrative Code (FAC) General Permit for Construction, Operation, Maintenance, Alteration, Abandonment or Removal of Airport Airside Stormwater Management Systems. Education and Training program co-author/presenter. Review, summary and BMP Manual revisions for the FAA Pond performance verification study at Naples Municipal Airport.



References:

Florida Department of Transportation

Abdul Hatim, Aviation Development

Phone: 850-414-4504

Email: abdul.hatim@dot.state.fl.us

Naples Municipal Airport

Kerry Keith, Director of Airport Development and Facilities

Phone: 239-262-7216

Email: kkeith@flynaples.com

Additional Information



Additional Information

APPROACH TO PROJECT DELIVERY

Communication and attention to detail is the foundation of our project delivery. It starts with listening and coordinating with you during the **preliminary design phase**. At this stage, Hanson will work with the airport staff to understand the purpose behind the project, project requirements, budget, funding sources, schedule, safety and phasing considerations, access, key stakeholders or opponents and other project specific details. Also, potential challenges that need to be addressed by or during the project are identified. We also want to hear your dreams for the project, the “if only we could,” or “would it be feasible” ideas.

During the preliminary design, Hanson will procure any additional data, such as field surveys, geotechnical investigations or other related studies. We identified our team members Britt Surveying, Inc. and Cal-Tech Testing, Inc. to assist in this area.

In establishing the project milestones and deliverables, we include review times that work with the other demands on your staff. Alternate review strategies such as page turn meetings can also be used when needed to fast track the review process. FAA/FDOT reviews or other permitting requirements are also incorporated into the schedule.

At the start of the project, internally we set up two control tools to perform our services within budget. The **project management plan** and **earned value tracking** are discussed in more detail at the end of this section under Firms’ On-Time and In-Budget Performance. The project management plan enables every staff member working on the project to take responsibility for their work within the overall project. The earned value tracking provides a view of the project completion against the project budget that allows issues to be identified and addressed early on in the process.

In the **design phase**, we take the data and layout from preliminary design and do the additional analysis, coordination and documentation to turn them into bid ready plans and specifications. Attention to detail is especially valuable in preparing plans contractors can bid with confidence, reducing the contingency dollars they build into their bids. Recognizing there are some contractors that thrive on using change orders to increase their compensation on a project, Hanson prepares our plans with this in mind. In preparing our bidding documents, we strive to present information in only one location, to minimize the opportunity for inconsistencies when making edits. We make sure details are addressed so the contractor has clear direction for construction.

We have also drawn on past experience to include special provisions to cover sections where contractors have commonly pursued change orders. Throughout the project and during plan and specification review Hanson has an established quality control/assurance process, as further detailed in the Firm’s On-Time and In-Budget Performance.

A preliminary set of plans and specifications, and updated probable construction costs are prepared to provide the City with the opportunity to see all the project plans in one place and provide additional input. This is also the time that, if desired, a safety risk assessment is conducted on the project so that any additional mitigation measures identified can be incorporated into the final plans. Based on the comments on the preliminary plans and specifications, revisions are made and the construction safety phasing plan and any other needed forms are submitted to the FAA. This results in 90% final plans and specifications. These plans are final less any additional comments from the City or FAA’s review.

During the **bid phase**, we support the City in generating project interest through outreach to the various contractor organizations. We can lead or assist you in conducting a pre-bid meeting to familiarize the contractors with the project so they have a greater comfort in bidding. Once the bids are received, we will review each bid in detail for compliance with the requirements and accuracy in the numbers and provide the City with a recommendation for project award as well as any needed grant documentation.

During the **construction phase**, we continue to serve as a ready resource to the City, addressing requests for information from the contractor, reviewing shop drawings for compliance, negotiating change orders or supplemental agreements if needed and observing the construction process and performance tests. In providing construction observations, our staff accurately accounts for the production each day to allow us to assist in reviewing payment requests and providing grant supporting documentation. The daily observation records also provide the data to complete the FAA required construction progress forms.

Careful management of documentation during construction eases the **project closeout process**. In this phase, we assist the City with conducting final inspections and pushing the contractor when needed to complete punch lists. Upon

receipt of the redline drawings from the contractor the record drawings are prepared along with the summary documents for material testing. The project financials are also summarized including change orders and documentation for a grant amendment if required. The release of liens from all contractors is also obtained as part of processing the final project payments.

TEAM'S ON-TIME AND IN-BUDGET PERFORMANCE

Hanson uses five tools to provide our clients with on-time and in-budget performance. The use of these tools is reflected in our clients' satisfaction and their repeat business.

1. Open communication – no surprises
2. Monitor proposed construction costs throughout project
3. Project management plans
4. Earned value tracking
5. Quality assurance/quality control

The most important factor in on-time and in-budget performance is **open communication**. We strive for no surprises. As detailed in our project approach, this starts by understanding your project goals, budget and schedule and continues through the design process.

Many years of experience and our database of construction cost information allows our staff the ability to provide dependable estimates for budgetary purposes. We **monitor the proposed construction costs** throughout design and will discuss any potential concerns with you, evaluate and amend the plans accordingly throughout the project. Monitoring a project's budget against its plan keeps all parties up-to-date in order to avoid budgeting problems that could ultimately affect the completion of the project as planned.

Through the use of **project management plans** and regular team coordination, all of the Hanson staff working on a project are kept informed of their assigned tasks and associated budget, along with the project schedule. Our project management plans identify the staff involved on the project, their respective responsibilities, key project milestones and associated budget. This enables our staff, whether project manager, task manager or production staff to be part of the project success.

Earned value is another tool we employ to manage a project. At the start of a project, the earned value table and graph is established tying task completion schedule to budget. This allows Hanson to manage project progress against scope and budget to make any needed adjustments early to deliver the project on-time and in-budget.

Our **quality assurance/quality control** and information management process enables on-time, in-budget performance resulting in well prepared documents that allow a contractor to deliver the desired finished project while minimizing change orders. To provide a fresh set of eyes for quality control, in our organizational chart we have identified senior level staff for this quality control role. In addition, the individual employees for each team member are personally responsible for the quality of their work on your project. Each Hanson team member uses the quality control process governed by our Corporate Quality Assurance program through Corporate wide standardized review commitments.

Using the five tools listed above will enable Hanson to successfully deliver your projects on-time and in-budget as Hanson has for our existing clients, many of which have been repeat clients for more than 20 years. Hanson's ability to obtain repeat business from its clients is the result of making special efforts. A main factor in our repeat business is due to our success on meeting deadlines and staying within project budgets.

Required Forms

APPENDIX A

SEALED REQUEST FOR QUALIFICATIONS # 3057-17

CITY OF VENICE, FLORIDA

Required Forms:

Qualifications Statement

Consultant Team

Public Entity Crime Information

Offerors shall certify in writing that they have not been placed on the convicted vendor list following a conviction for a public entity crime.

Statement of Drug-Free Workplace

Offerors shall certify in writing to the City that they have established a drug free workplace, if applicable.

Indemnification/Hold Harmless

Offerors shall indemnify and hold harmless the City and its officers and employees from liabilities, damages, losses, and costs caused by the Offeror's negligence, recklessness, or intentional wrongful conduct.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion

Offerors shall certify in writing that they are not presently suspended, excluded or debarred by any Federal department or agency from participating in federally-assisted projects.

Conflict/Non-Conflict of Interest and Litigation Statement

Offerors shall verify the absence of, or identify up front, any potential conflicts of interest. Offerors shall also verify in writing that they have not been sued by or taken legal action against the City within the last five (5) years. If either event has occurred, the Firm shall provide documentation describing events.

Certification Regarding Lobbying

Consultants and contractors that apply or bid for an award of \$100,000 or more must certify that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or another award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award.

Non-Collusion Affidavit

Offerors shall affirm via written affidavit that they have not engaged in prohibited collusive behavior and/or activities.

Trade Restriction Certification

Unless waived by the Secretary of Transportation, sponsors may not use AIP funds on a product or service from a foreign country included in the current list of countries that discriminate against U.S. firms as published by the Office of the United States Trade Representative (U.S.T.R). Offerors shall certify that they satisfy the requirements of the trade restriction provision of this RFQ.

QUALIFICATIONS STATEMENT

The undersigned certifies under oath the truth and correctness of all statements and all answers to questions made hereinafter:

SUBMITTED TO: CITY OF VENICE
 Procurement- Finance Department
 401 W. Venice Avenue Room # 204
 Venice, Florida 34285

CHECK ONE:
 Corporation
 Partnership
 Individual
 Joint Venture
 Other

SUBMITTED BY:
 NAME: Hanson Professional Services Inc.
 ADDRESS: 720 N. Maitland Avenue, Maitland, FL 32751
 PRINCIPLE OFFICE: 1525 S. Sixth Street, Springfield, IL 62703

1. State the true, exact, correct and complete legal name of the partnership, corporation, trade or fictitious name under which you do business and the address of the place of business.

The correct name of the Proposer is:	Hanson Professional Services Inc.
The address of the principal place of business is:	1525 S. Sixth Street, Springfield, IL 62703

2. If the Proposer is a corporation, answer the following:

a.	Date of Incorporation:	1/2/1964
b.	State of Incorporation:	Delaware
c.	President's Name:	Jeffrey T. Ball
d.	Vice President's Name:	See attached.
e.	Secretary's Name:	John P. Coombe
f.	Treasurer's Name:	Jo Ellen Keim
g.	Name and address of Resident Agent:	John P. Coombe, 9015 Town Center Parkway, Suite 105, Lakewood Ranch, FL 34202

3. If Proposer is an individual or partnership, answer the following:

a. Date of Organization: N/A

b. Name, address and ownership units of all partners:

N/A

c. State whether general or limited partnership: N/A

Hanson Professional Services Inc.
Vice Presidents

- John P. Coombe, Executive Vice President/Chief Operating Officer/Secretary
- Robert W. Cusick, Executive Vice President/Chief Technical Officer
- Jo Ellen Keim, Executive Vice President/Chief Financial Officer/Treasurer
- Jeffrey L. Bowen, Senior Vice President
- William C. Bradford, Senior Vice President
- Edward J. Collora, Senior Vice President
- Joan C. Freitag, Senior Vice President
- James P. Messmore, Senior Vice President
- John A. Michael, Senior Vice President
- Donald D. Oglesby, Senior Vice President *
- Gary J. Potts, Senior Vice President
- Charles H. Snowden, Senior Vice President
- Daniel J. Whalen, Senior Vice President
- Thomas E. Bartolomucci, Vice President
- Mina Biggs, Vice President
- Charles D. Chambers, Vice President
- Jeffrey V. Easley, Vice President
- Matthew A. Fletcher, Vice President
- Shawn L. Goetz, Vice President
- Grant A. Jackson, Vice President
- Stuart M. Kemp, Vice President
- Mansoor Khuwaja, Vice President
- Robert J. Knoedler, Vice President
- Lucinda A. Loos, Vice President
- David R. McDonald, Jr., Vice President
- James W. Moll, Vice President
- John W. Nelson, Vice President
- Michael A. Pochop, Vice President
- Daniel J. Rayhill, Vice President
- Rodney A. Sachtleben, Vice President
- Matthew H. Schrader, Vice President
- Mark G. Thompson, Vice President
- James A. Trachtman, Vice President *
- David M. Underbrink, Vice President
- Wilfredo Rivera Jr., Assistant Vice President
- Gary C. Rogers, Assistant Vice President
- Terald E. Smith, Assistant Vice President
- R. Blake Swafford, Assistant Vice President
- Craig B. Thompson, Assistant Vice President
- Robert A. Waller, Assistant Vice President
- Joseph D. Worley, Assistant Vice President

** These officers are not responsible for executing documents committing the corporation.*

4. If Proposer is other than an individual, corporation, partnership, describe the organization and give the name and address of principals:

N/A

5. If Proposer is operating under fictitious name, submit evidence of compliance with the Florida Fictitious Name Statute.

6. How many years has your organization been in business under its present business name?

17 Years

a. Under what other former names has your organization operated?

W.E. Hanson and Associates (1954-1956); Hanson, Collins and Rice (1956-1961); Walter E Hanson and Co. (1961-1972);
Hanson Engineers, Inc. (1972-2001)

ACKNOWLEDGEMENT

State of Florida }
County of Orange } SS.

On this the 11th day of April, 2017, before me, the undersigned Notary Public of the State of Florida, personally appeared Blake Swafford and (Names of individual(s) who appeared before Notary) whose name(s) in/are Subscribed to within instrument, and he/she/they acknowledge that he/she/they executed it.

Elizabeth R. Legg

NOTARY PUBLIC, STATE OF FLORIDA



Elizabeth R. Legg

(Name of Notary Public: Print, stamp, or type as commissioned)

Personally known to me, or Produced Identification: _____ DID take an oath, or DID NOT take an oath

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER

CONSULTANT TEAM

Prime Role	Name and City & State of Residence of Individual Assigned to the Project	No. of Years of Experience	Education, Degree(s)	Florida Active Registration Nos.
Principal in Charge	Charles Snowden, A.A.E., QA/QC Jacksonville, FL	34 Years	B.S./1981/ Aeronautical Science/Aviation Management/Embry-Riddle Aeronautical University MBA/1985/Embry-Riddle Aeronautical University 2004/Harvard Senior Management Development Program	
Project Manager(s)	Blake Swafford, P.E. Winter Haven, FL	19 Years	B.S./1996/Civil Engineering Technology/Southern Polytechnic State University M.S./1997/Civil Engineering/University of Tennessee	Professional Engineer/FL 82699
<u>Project Architect(s)</u>	See Subconsultant Chart Below			
Project Construction Administrator(s)	Jeff Litherland, P.E. Deputy Project Manager North Port, FL	30 Years	B.S./1986/Civil Engineering/University of Missouri at Rolla	Professional Engineer/FL 52499
Other Key Member (role) Client Services Manager	Michael Moon, A.A.E. Vero Beach, FL	40+ Years	B.S./1981/Aviation Administration/Indiana State University	
Other Key Member (role)				

Sub-consultant Role	Company Name, Federal ID Number and Address of the Office Handling this Project	No. of Years of Experience	Projected % of Work on the Entire Project	Individual(s) Assigned to Project
Architect	Beebe Design Studio Architect, Inc. ID# 65-0553774, 825 S. Tamiami Trail, Ste. 1, Venice, FL	20+ Years	5-10%	Mark Beebe, A.I.A.
Surveying	Britt Surveying, Inc., ID# 59-3298235, 606 Cypress Avenue, Venice, FL 34285	47 Years	3-8%	Randall Britt, PSM
Environmental Permitting and Ecological Services	Ecological Services Associates, LLC ID# 27-0288407, 280 Abalone Road Venice, FL 34293	26 Years	3-8%	Hugh Dinkler
Stormwater Management, Design Permitting & Construction	EG Solutions Inc., ID# 45-4671065 9015 Town Center Pkwy, Ste. 106 Lakewood Ranch, FL 34202	37 Years	7-15%	Scott Brady, P.E.
Geotechnical Engineering and Materials	Cal-Tech Testing, Inc., ID# 59-2039727 3309 FL 247, Lake City, FL 32024	37 Years	3-8%	Ivan Marciano, P.E.


* Please attach no more than one additional page, if necessary.



PUBLIC ENTITY CRIME INFORMATION

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017, F.S. for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

I, Blake Swafford, being an authorized representative of the firm of Hanson Professional Services Inc, located at City: Maitland, State: Florida, Zip: 32751, have read and understand the contents of the Public Entity Crime Information and of this formal RFQ package and hereby submit our proposal accordingly.

 _____ Authorized Signature	Blake Swafford, Assistant Vice President _____ Printed Name, Title
April 11, 2017 _____ Date	37-0844717 _____ Federal ID No.
407-622-2050 _____ Phone	407-622-2051 _____ Fax

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER



STATEMENT of DRUG-FREE WORKPLACE

Preference shall be given to businesses with drug-free workplace programs. Whenever two or more RFQ, RFP or bid submittals, which are otherwise equal with respect to price (if applicable), quality, and service, are received by the City of Venice for the procurement of commodities or contractual services, a submittal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference. In order to have a drug-free workplace program, a business shall:

- (1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- (2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- (3) Give each employee engaged in providing the commodities or contractual services under RFQ, RFP or bid a copy of the statement specified in subsection (1).
- (4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under RFQ, RFP or bid, the employees will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace, no later than five (5) days after such conviction.
- (5) Impose a sanction on, or require the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by an employee who is so convicted.
- (6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this Firm complies fully with the above requirements.

Hanson Professional Services Inc.

Firm Name

Blake Swafford, Assistant Vice President

Name and Title of Authorized Individual

Blake Swafford

Authorized Signature

4-11-17

Date

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER




INDEMNIFICATION/HOLD HARMLESS

The Successful Offeror(s) shall indemnify and hold harmless the City and its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the elected firm and other persons employed or utilized by the elected firm in the performance of the contract.

I, Blake Swafford, being an authorized representative of the firm of
Hanson Professional Services Inc. located at City Maitland,

State: Florida, Zip Code 32751, Phone: 407-622-2050 Fax: 407-622-2051. Having read and understood the contents above, hereby submit accordingly as of this Date, April 11, 2017.

Blake Swafford
Please Print Name


Signature

This signed document shall remain in effect for a period of one (1) year from the date of signature or for the contract period, whichever is longer.

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION**

CERTIFICATION OF OFFERER/BIDDER REGARDING DEBARMENT

1. By responding to this Solicitation, the Offeror certifies that neither it nor its owners, principals, directors, officers, project directors, managers, or any other person associated with the Offeror are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded by any Federal department or agency from participation in this transaction.
2. The undersigned also certifies that the Offeror and its principals:
 - (a) Have not, within a three-year period preceding this certification, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State anti-trust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
 - (b) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 2. (a) of this Certification; and have not within a three-year period preceding this certification had one or more public transactions (Federal, State or Local) terminated for cause or default.
3. Where the undersigned is unable to certify to any of the statements in this certification, an explanation shall be attached to this certification.

CERTIFICATION OF LOWER TIER CONTRACTS REGARDING DEBARMENT

The Successful Offeror, by administering each lower tier subcontract that exceeds \$25,000 as a "covered transaction", must verify each lower tier participant of a "covered transaction" under the project is not presently debarred or otherwise disqualified from participation in federally-assisted projects. The Successful Offeror will accomplish this by:

- (a) Checking the System for Award Management at website: <http://www.sam.gov>;
- (b) Collecting a certification statement similar to the Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion, above; and
- (c) Inserting a clause or condition in the covered transaction with the lower tier contract.

If the FAA later determines that a lower tier participant failed to disclose to a higher tier participant that it was excluded or disqualified at the time it entered the covered transaction, the FAA may pursue any available remedies, including suspension and debarment of the non-compliant participant.

Dated this 11th day of April, 2017.

By:  Blake Swafford, Assistant Vice President
Authorized Signature Printed Name, Title

Firm Name: Hanson Professional Services Inc.

Address: 720 N. Maitland Ave., Suite 102, Maitland, FL 32751

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER

CONFLICT/NON-CONFLICT OF INTEREST AND LITIGATION STATEMENT

CHECK ONE

To the best of our knowledge, the undersigned Offeror has no potential conflicts of interest due to any other clients, contracts, or property interest for this project.

OR

The undersigned Offeror, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts, or property interest for this project.

LITIGATION STATEMENT

IN FLORIDA ONLY, JUDGMENTS AGAINST THE FIRM, AND SUITS AGAINST CITY OF VENICE. INCLUDE ACTIONS AGAINST THE FIRM BY OR AGAINST ANY LOCAL, STATE, OR FEDERAL REGULATORY AGENCY.

CHECK ONE

The undersigned Offeror has had no litigation adjudicated against the Offeror on any projects in the last five (5) years and has filed no litigation against City of Venice in the last five (5) years.

OR

The undersigned Offeror, **BY ATTACHMENT TO THIS FORM**, submits a summary and disposition of individual cases of litigation in Florida adjudicated against the Offeror during the past five (5) years; all legal actions against City of Venice during the past five (5) years; and actions by or against any Federal, State and local agency during the past five (5) years.

Company Name: _____ Hanson Professional Services Inc. _____

Authorized Signature: _____  _____

Name (print or type): _____ Blake Swafford _____

Title: _____ Assistant Vice President _____

Failure to check the appropriate blocks above may result in disqualification of your proposal. Failure to provide documentation of a possible conflict of interest, or a summary of past litigation, may result in disqualification of your Proposal. Should additional information regarding the above items come to the attention of City of Venice after award, the awarded contract shall be subject to immediate termination.

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER



CERTIFICATION REGARDING LOBBYING

The bidder or offeror certifies by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Bidder or Offeror, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the person authorized to sign the statement, I certify that this Firm complies fully with the above requirements.

Hanson Professional Services Inc.

 Firm Name

Blake Swafford, Assistant Vice President

 Name and Title of Authorized Individual

Blake Swafford

 Authorized Signature

4-11-17

 Date

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER

NON-COLLUSION AFFIDAVIT

State of Florida

SS.

County of Orange

Blake Swafford being first duly sworn, deposes and says that:

1. He/she is the _____ Representative _____, (Owner, Partner, Officer, Representative or Agent) of _____ Hanson Professional Services Inc. _____, the Proposer that has submitted the attached Proposal;
2. He/she is fully informed respecting the preparation and contents of the attached Proposal and of all pertinent circumstances respecting such Proposal;
3. Such Proposal is genuine and is not a collusive or sham Proposal; and
4. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Proposer, firm, or person to submit a collusive or sham Proposal in connection with the Work for which the attached Proposal has been submitted; or have in any manner, directly or indirectly sought by agreement or collusion, or have in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any Proposer, firm, or person to fix the price or prices in the attached Proposal or of any other Proposer, or to fix any overhead, profit, or cost elements of the Proposal price or the Proposal price of any other Proposer, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against the City of Venice, or any person interested in the proposal Work.

Signed, sealed and delivered in the presence of:

[Signature]
 (Witness)
[Signature]
 (Witness)

By: Blake Swafford

 Blake Swafford, Assistant Vice President
 (Printed Name, Title)

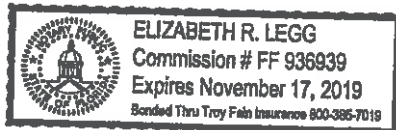
ACKNOWLEDGEMENT

State of Florida

County of Orange

On this the 11th day of April, 2017, before me, the undersigned Notary Public of the State of Florida, personally appeared Blake Swafford and (Names of individual(s) who appeared before Notary) whose name(s) in/are Subscribed to within instrument, and he/she/they acknowledge that he/she/they executed it.

NOTARY PUBLIC
SEAL OF OFFICE:



Elizabeth R. Legg
 NOTARY PUBLIC, STATE OF FLORIDA
Elizabeth R. Legg
 (Name of Notary Public: Print, stamp, or type as commissioned)

Personally known to me, or Produced Identification: _____ DID take an oath, or DID NOT take an oath

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TRADE RESTRICTION CERTIFICATION

By submission of an offer, the Offeror certifies that with respect to this solicitation and any resultant contract, the Offeror -

- a. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms as published by the Office of the United States Trade Representative (U.S.T.R.);
- b. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country included on the list of countries that discriminate against U.S. firms as published by the U.S.T.R; and
- c. has not entered into any subcontract for any product to be used on the Federal on the project that is produced in a foreign country included on the list of countries that discriminate against U.S. firms published by the U.S.T.R.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.

The Offeror/Contractor must provide immediate written notice to the Owner if the Offeror/Contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The Contractor must require subcontractors provide immediate written notice to the Contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no contract shall be awarded to an Offeror or subcontractor:

- (1) who is owned or controlled by one or more citizens or nationals of a foreign country included on the list of countries that discriminate against U.S. firms published by the U.S.T.R. or
- (2) whose subcontractors are owned or controlled by one or more citizens or nationals of a foreign country on such U.S.T.R. list or
- (3) who incorporates in the public works project any product of a foreign country on such U.S.T.R. list;

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

The Offeror agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in in all lower tier subcontracts. The contractor may rely on the certification of a prospective subcontractor that it is not a firm from a foreign country included on the list of countries that discriminate against U.S. firms as published by U.S.T.R, unless the Offeror has knowledge that the certification is erroneous.

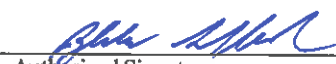
This certification is a material representation of fact upon which reliance was placed when making an award. If it is later determined that the Contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration may direct through the Owner cancellation of the contract or subcontract for default at no cost to the Owner or the FAA

Hanson Professional Services Inc.

 Firm Name

Blake Swafford, Assistant Vice President

 Name of Authorized Individual



 Authorized Signature

4-11-17

 Date

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER



E-VERIFICATION CERTIFICATION

The Proposer acknowledges and agrees to the following:

The Proposer certifies, by submission of this proposal or acceptance of this contract, that the Proposer:

1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Proposer during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise use the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

Further information can be found at the following website: <http://www.uscis.gov/e-verify>.

Hanson Professional Services Inc.

Firm Name

Blake Swafford

Name of Authorized Individual



Authorized Signature

4-11-17

Date

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TEXTING WHEN DRIVING

In accordance with Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving" (10/1/2009) and DOT Order 3902.10 "Text Messaging While Driving" (12/30/2009), the FAA encourages recipients of Federal grant funds to adopt and enforce safety policies that decrease crashes by distracted drivers, including policies to ban text messaging while driving when performing work related to a grant or sub-grant.

In support of this initiative, the Owner encourages the Consultant to promote policies and initiatives for its employees and other work personnel that decrease crashes by distracted drivers, including policies that ban text messaging while driving motor vehicles while performing work activities associated with the project. The Consultant must include the substance of this clause in all sub-tier contracts exceeding \$3,500 and involve driving a motor vehicle in performance of work activities associated with the project.

Hanson Professional Services Inc.	

Firm Name	
Blake Swafford	

Name of Authorized Individual	
	4-11-17
_____	_____
Authorized Signature	Date

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER



PROHIBITION of SEGREGATED FACILITIES

The Consultant must comply with the requirements of the E.E.O. clause by ensuring that facilities they provide for employees are free of segregation on the basis of race, color, religion, sex, sexual orientation, gender identity, or national origin. This clause must be included in all contracts that include the equal opportunity clause, regardless of the amount of the contract.

The Prohibition of Segregated Facilities clause must be incorporated into in any contract containing the Equal Employment Opportunity clause of 41 CFR § 60.1. This obligation flows down to subcontract and sub-tier purchase orders containing the Equal Employment Opportunity clause.

- (a) The Consultant agrees that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Consultant agrees that a breach of this clause is a violation of the Equal Opportunity clause in this contract.

- (b) "Segregated facilities," as used in this clause, means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees, that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, sex, or national origin because of written or oral policies or employee custom. The term does not include separate or single-user rest rooms or necessary dressing or sleeping areas provided to assure privacy between the sexes.

- (c) The Consultant shall include this clause in every subcontract and purchase order that is subject to the Equal Opportunity clause of this contract.

Hanson Professional Services Inc.

Firm Name

Blake Swafford

Name of Authorized Individual

Blake Swafford

Authorized Signature

4-11-17

Date

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER



CERTIFICATE OF BUY AMERICAN COMPLIANCE FOR TOTAL FACILITY

As a matter of Proposal responsiveness, the Offeror must complete, sign, date, and submit this certification statement with their Proposal. The Offeror must indicate how they intend to comply with 49 USC § 50101 by selecting one of the following certification statements. These statements are mutually exclusive. Offeror must select one or the other (i.e. not both) by inserting a checkmark (✓) or the letter "X".

- Offeror hereby certifies that it will comply with 49 USC. 50101 by:
- Only installing steel and manufactured products produced in the United States; or
 - Installing manufactured products for which the FAA has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing; or
 - Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the Offeror agrees:

- To provide to the Owner evidence that documents the source and origin of the steel and manufactured product.
 - To faithfully comply with providing US domestic products.
 - To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
- The Offeror hereby certifies it cannot comply with the 100% Buy American Preferences of 49 USC § 50101(a) but may qualify for either a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the Offeror agrees:
- To the submit to the Owner within 15 calendar days of issuance of a Work Assignment, a formal waiver request and required documentation that support the type of waiver being requested.
 - That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination that may result in rejection of the proposal.
 - To faithfully comply with providing US domestic products at or above the approved US domestic content percentage as approved by the FAA.
 - To furnish US domestic product for any waiver request that the FAA rejects.
 - To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

Required Documentation

Type 3 Waiver - The cost of components and subcomponents produced in the United States is more that 60% of the cost of all components and subcomponents of the "facility". The required documentation for a type 3 waiver is:

- Listing of all manufactured products that are not comprised of 100% US domestic content (Excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety)
- Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly and installation at project location.

- c) Percentage of non-domestic component and subcomponent cost as compared to total “facility” component and subcomponent costs, excluding labor costs associated with final assembly and installation at project location.

Type 4 Waiver – Total cost of project using US domestic source product exceeds the total project cost using non-domestic product by 25%. The required documentation for a type 4 of waiver is:

- a) Detailed cost information for total project using US domestic product
- b) Detailed cost information for total project using non-domestic product

False Statements: Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

April 11, 2017

Date



Signature

Hanson Professional Services Inc.

Company Name

Assistant Vice President

Title

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER



CERTIFICATE of BUY AMERICAN COMPLIANCE for MANUFACTURED PRODUCTS

As a matter of Proposal responsiveness, the Offeror must complete, sign, date, and submit this certification statement with their Proposal. The Offeror must indicate how they intend to comply with 49 USC § 50101 by selecting one on the following certification statements. These statements are mutually exclusive. Offeror must select one or the other (not both) by inserting a checkmark (✓) or the letter “X”.

- Offeror hereby certifies that it will comply with 49 USC § 50101 by:
- a) Only installing steel and manufactured products produced in the United States, or;
 - b) Installing manufactured products for which the FAA has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing, or;
 - c) Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the Offeror agrees:

1. To provide to the Owner evidence that documents the source and origin of the steel and manufactured product.
 2. To faithfully comply with providing US domestic product
 3. To furnish US domestic product for any waiver request that the FAA rejects
 4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
- The Offeror hereby certifies it cannot comply with the 100% Buy American Preferences of 49 USC § 50101(a) but may qualify for either a Type 3 or Type 4 waiver under 49 USC § 50101(b).

By selecting this certification statement, the Offeror agrees:

1. To the submit to the Owner within 15 calendar days of the issuance of a Work Assignment, a formal waiver request and required documentation that support the type of waiver being requested.
2. That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination may result in rejection of the proposal.
3. To faithfully comply with providing US domestic products at or above the approved US domestic content percentage as approved by the FAA.
4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

Required Documentation

Type 3 Waiver - The cost of the item components and subcomponents produced in the United States is more that 60% of the cost of all components and subcomponents of the “item”. The required documentation for a type 3 waiver is:

- a) Listing of all product components and subcomponents that are not comprised of 100% US domestic content (Excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety).
- b) Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly at place of manufacture.
- c) Percentage of non-domestic component and subcomponent cost as compared to total "item" component and subcomponent costs, excluding labor costs associated with final assembly at place of manufacture.

Type 4 Waiver – Total cost of project using US domestic source product exceeds the total project cost using non-domestic product by 25%. The required documentation for a type 4 of waiver is:

- a) Detailed cost information for total project using US domestic product
- b) Detailed cost information for total project using non-domestic product

False Statements: Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

<p>_____ April 11, 2017 Date</p>	<p style="text-align: center;"></p> <p>_____ Signature</p>
<p>_____ Hanson Professional Services Inc. Company Name</p>	<p>_____ Assistant Vice President Title</p>

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CERTIFICATION – TRAFFICKING in PERSONS

Project: RFO#3057-17 Engineering and Consulting Services for Venice Municipal Airport


The undersigned hereby certifies, to the best of his or her knowledge and belief, that:

- C. Prohibitions: The prohibitions against trafficking in persons (Prohibitions) that apply to any entity, other than a State, local government, Indian tribe, or foreign public entity, including private Sponsors, public Sponsor employees, sub-recipients of private or public Sponsors (private entity) are:
 - 4. Engaging in severe forms of trafficking in persons during the period of time that the agreement is in effect;
 - 5. Procuring a commercial sex act during the period of time that the agreement is in effect; or
 - 6. Using forced labor in the performance of the agreement, including subcontracts or sub-agreements under the agreement.

- D. In addition to all other remedies for noncompliance that are available to the FAA, Section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), allows the FAA to unilaterally terminate an agreement, without penalty, if a private entity:
 - 3. Is determined to have violated the Prohibitions; or
 - 4. Has an employee who the FAA determines has violated the Prohibitions through conduct that is either:
 - c. Associated with the performance of the agreement; or
 - d. Imputed to the Sponsor or sub-recipient using 2 CFR part 180, “OMB Guidelines to Agencies on Government wide Debarment and Suspension (Non-procurement),” as implemented by the FAA in 49 CFR Part 29.

Hanson Professional Services Inc.
Firm Name

Blake Swafford
Name of Authorized Individual


Authorized Signature

4-11-17
Date

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH OFFER



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
04/06/2017

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

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

PRODUCER Holmes Murphy and Associates - Peoria 311 S.W. Water Street Suite 211 Peoria, IL 61602-4108	1-800-527-9049	CONTACT NAME: Linda Bomarito PHONE (A/C, No. Ext): 309-282-3903 E-MAIL ADDRESS: LBomarito@holmesmurphy.com	FAX (A/C, No):
INSURED Hanson Professional Services, Inc. 1525 South 6th Street Springfield, IL 62703		INSURER(S) AFFORDING COVERAGE INSURER A: XL SPECIALTY INS CO INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 37885	

COVERAGES

CERTIFICATE NUMBER: 49565338

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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:						EACH OCCURRENCE	\$
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
							MED EXP (Any one person)	\$
							PERSONAL & ADV INJURY	\$
							GENERAL AGGREGATE	\$
							PRODUCTS - COMP/OP AGG	\$
								\$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident)	\$
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
	UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE	\$
							AGGREGATE	\$
								\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE	OTH-ER
							E.L. EACH ACCIDENT	\$
							E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$
A	Professional Liability (Claims Made)			DPR9909745	01/01/17	01/01/18	Each Claim	2,000,000
							Aggregate	2,000,000

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

Project: 15A0054P - VNC - Engineering and Consulting Services PM/RBS
 This policy includes a 30-day notice of cancellation in favor of certificate holder

CERTIFICATE HOLDER**CANCELLATION**

The City of Venice 401 W. Venice Avenue Venice, FL 34285 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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ACORD 25 (2014/01)
 ar183004
 49565338

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This endorsement, effective 12:01 a.m., 01/01/2017 forms a part of
Policy No. DPR9800678 issued to Hanson Professional Services Inc
by XL Specialty Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

POLICY CANCELLATION – NOTICE TO DESIGNATED ENTITIES

This endorsement modifies insurance provided under the following:

PROFESSIONAL, ENVIRONMENTAL AND NETWORK SECURITY LIABILITY POLICY – ARCHITECTS,
CONSULTANTS AND ENGINEERS

Section X. OTHER CONDITIONS, B. CANCELLATION is amended by the addition of the following:

In the event that the Company cancels this Policy for any statutorily permitted reason other than non-payment of premium, the Company agrees to provide thirty (30) days notice of cancellation of this Policy to any entity with whom the NAMED INSURED agreed in a written contract or agreement would be provided with notice of cancellation of this Policy, provided that:

- The Company receives, at least 15 days prior to the date of cancellation, a written request from the NAMED INSURED to provide notice of cancellation to entities designated by the NAMED INSURED to receive such notice and;
- The written request includes the name and address of each person or entity designated by the NAMED INSURED to receive such notice.

This endorsement does not apply to non-renewal of the policy, cancellation at the INSURED's request, or to cancellation of the policy for non-payment of premium to the Company or to a premium finance company authorized to cancel the Policy. Furthermore, nothing contained in this endorsement shall be construed to provide any rights under the Policy to the entities receiving notice of cancellation pursuant to this endorsement, nor shall this endorsement amend or alter the effective date of cancellation stated in the cancellation notice issued to the NAMED INSURED.

All other terms and conditions of the Policy remain unchanged.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/6/2017

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

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

PRODUCER TROXELL 214 South Grand Ave West P.O. Box 3757 Springfield IL 62704	CONTACT NAME: Lori Ruppel PHONE (A/C. No. Ext): 217-321-3145 E-MAIL ADDRESS: lruppel@troxellins.com		FAX (A/C. No.): 217-321-4145
	INSURER(S) AFFORDING COVERAGE INSURER A: Cincinnati Insurance Company		NAIC # 10677
INSURED Hanson Professional Services Inc. Dan Rayhill 1525 South 6th Street Springfield IL 62703-2801	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		
	INSURER F :		

COVERAGES

CERTIFICATE NUMBER: CL16121916929

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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			CPP0870038	1/1/2017	1/1/2018	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			CPA0870038	1/1/2017	1/1/2018	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			CPP0870038	1/1/2017	1/1/2018	EACH OCCURRENCE	\$ 2,000,000
							AGGREGATE	\$ 2,000,000
								\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC1920351	1/1/2017	1/1/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000

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

Project: 15A0054P-VNC-Engineering and Consulting Services/RBS

The City of Venice, its Elected Officials, Officers, Agents and Employees are additional insureds in respects to the general liability per written contract subject to the terms and conditions of the policy.

CERTIFICATE HOLDER**CANCELLATION**

The City of Venice
 401 W. Venice Avenue
 Venice, FL 34285

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

Michael Aiello/HEIDI

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CANCELLATION OR NONRENEWAL BY US NOTIFICATION TO A DESIGNATED ENTITY

This endorsement modifies insurance provided under the following:

**BUSINESSOWNERS PACKAGE POLICY
CLAIMS-MADE EXCESS LIABILITY COVERAGE PART
COMMERCIAL AUTO COVERAGE PART
COMMERCIAL GENERAL LIABILITY COVERAGE PART
COMMERCIAL UMBRELLA LIABILITY COVERAGE PART
DENTIST'S PACKAGE POLICY
EXCESS LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS COVERAGE PART
PROFESSIONAL LIABILITY COVERAGE PART
PROFESSIONAL UMBRELLA LIABILITY COVERAGE PART
PROFESSIONAL UMBRELLA LIABILITY COVERAGE PART - CLAIMS-MADE**

SCHEDULE

Name and mailing address of person(s) or organization(s):

**The City of Venice
401 W. Venice Avenue
Venice, FL 34285**

Number of days notice (other than nonpayment of premium): 30

- A.** If we cancel or nonrenew this policy for any statutorily permitted reason other than nonpayment of premium we will mail notice to the person or organization shown in the Schedule. We will mail such notice at least the number of days shown in the Schedule before the effective date of cancellation or nonrenewal.
- B.** If we cancel this policy for nonpayment of premium, we will mail notice to the person or organization shown in the Schedule. We will mail such notice at least 10 days before the effective date of cancellation.
- C.** If notice is mailed, proof of mailing to the mailing address shown in the Schedule will be sufficient proof of notice.
- D.** In no event will coverage extend beyond the actual expiration, termination or cancellation of the policy.

**CITY OF VENICE
FINANCE- PROCUREMENT
DEPARTMENT**

**401 W. VENICE AVE. - ROOM # 204
VENICE, FL. 34285
(941) 486-2626
FAX (941) 486-2790**

ADDENDUM NO. 1

Date: March 28, 2017

To: All Prospective Proposers

Re: RFQ# 3057-17: Engineering & Consulting Services for Venice Municipal Airport

This addendum sets forth changes and/or information as referenced and is hereby made part of and should be attached to the subject Contract Documents. Receipt of this Addendum shall be acknowledged below and in the submitted proposal. It shall be the responsibility of each proposer, prior to submitting a proposal, to contact the City of Venice- Procurement Department to determine if addenda were issued and to make such addenda a part of their proposal.

The following is to clarify and provide additional information:

- 1. “What are the minimum requirements to submit as a Prime?” Response: To submit as a prime, supply all the information identified in the RFQ in the format requested.**
- 2. “Also, can we go after this project as a Prime and as a subconsultant to other firms? Or, are we limited to one or the other?” Response: The City has no stipulations regarding submission as a prime and/or a sub.**
- 3. “Can we have the names of the individuals on the Evaluation Committee?” Response: The selection committee is comprised of: Venice Airport Director, Property Administrator, The Assistant City Manager and the Manager of Facilities & Security of the Punta Gorda Airport.**

Jon Mayes
Procurement Department

Acknowledgment is requested even if you have elected not to respond to this bid. A designated management representative of your firm can sign the receipt for this addendum. Please acknowledge receipt of this addendum immediately by fax to (941) 486- 2790 or mail to the above noted address, if a fax is not possible.

Receipt Acknowledged:



Signature

Hanson Professional Services Inc.

Company

Date: 3/28/17