

March 18, 2014



Statement of Qualifications to Provide

Sustainable Management Plan

For Fort Lauderdale Executive Airport

Submitted to **The City of Fort Lauderdale**

City Project No: 11916
FAA AIP No: 3-12-0024-028-2013
RFQ # 946-11300



Ricondo & Associates, inc.
in association with:

Basulto Management Consulting
C&S Companies
Dickey Consulting Services, Inc.
DY Consultants
KB Environmental Sciences, Inc.



This document is printed on FSC Certified paper and is made from 100% post-consumer waste fibers.

CORPORATE COMMITMENT TO SUSTAINABILITY

While focusing on providing our clients with financially, operationally, and environmentally sustainable solutions, Ricondo & Associates understands that our own continued success, the well-being of our employees, and the health of our planet also depend on our ability to operate in the most sustainable manner possible. To that end, our Board of Directors has adopted a corporate sustainability policy that reflects the four main aspects of sustainability: economic viability, operational efficiency, natural resources conservation, and social responsibility.

Ramon Ricondo
PRESIDENT

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Appendix: SF 330

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Section 2



March 18, 2014

Mr. Ronald Archey
Procurement Specialist
City of Fort Lauderdale
City Hall
Division of Procurement Services
100 N. Andrews Avenue, Room 619
Fort Lauderdale, Florida 33301

RE: Statement of Qualifications for Fort Lauderdale Executive Airport Sustainable Management Plan

Dear Mr. Archey:

Ricondo & Associates, Inc. (R&A) is pleased to submit one original, two printed copies, and five electronic copies in Adobe Acrobat (.pdf) format on compact disk (CD) of our Statement of Qualifications (SOQ) to provide Airport Sustainable Management Planning Services for Fort Lauderdale Executive Airport (FXE or the Airport) to the City of Fort Lauderdale [City].

R&A is an internationally recognized aviation consulting firm that provides the full range of airport master planning, environmental and sustainability planning, financial planning, and on-call general advisory services. R&A has been solving the challenging problems facing the aviation industry since the company's inception in 1989. R&A's only business interest is airport and aviation planning services. The firm is headquartered in Chicago and has offices in Atlanta, Northern and Southern California, Cincinnati, Dallas/Fort Worth, Denver, Honolulu, Miami, Orlando, Phoenix, and the Washington, D.C., area. The individuals assigned to lead this assignment are based in our Chicago and Florida offices.

R&A's overall firm and staff experience, skills, and understanding of the requested services, as described in our SOQ, demonstrate that R&A and our specialty subconsultants (together, the R&A Team) are uniquely qualified and best positioned to assist the City with the services required. We have assembled a team of professionals with the commitment and expertise to provide the highest levels of quality and responsiveness necessary to meet the City's objectives. The R&A Team includes the following firms:

- C&S Companies
- Basulto Management Consulting
- Dickey Consulting Services, Inc.
- DY Consulting
- KBE Environmental Sciences, Inc.



Mr. Ronald Archey
Procurement Specialist
March 18, 2014
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This SOQ demonstrates the R&A Team's interest in and ability to provide the sustainability planning services sought by the City. R&A's project management team—Officer-in-Charge Pete Ricondo, P.E., Project Manager Colleen E. Quinn, P.E., and Deputy Project Manager Lisa M. Reznar—comprises individuals who have long-standing reputations for commitment, responsiveness, and excellence, along with the proven track record for delivering successful planning projects. R&A's approach ensures that we would support the City in the most responsive and technically thorough manner, that our Project Manager would be accessible to the City, that all documentation and other work products would be of the highest quality, and would bring regional and local knowledge to any project, as well as the broader perspective of the aviation industry and sustainability master planning expertise.

As you assess the R&A Team's ability to provide the requested services, please consider these relevant points:

- **R&A is known for commitment and responsiveness.** R&A can assure the City that the individuals named in this submittal are available to provide the requested services and would be committed to assist the City during the term of our contract and hopefully beyond. We encourage you to check our references regarding our responsiveness and the quality of our services. We pride ourselves on our ability to retain existing clients by making every effort to be responsive and provide the highest quality work product on each and every assignment. We treat each assignment as if it were our first, thus requiring that we perform in a manner that adds value. We believe that our success depends on the success of our clients, and the best evidence of the quality of services we provide and the professional reputation enjoyed by R&A's officers and senior staff is the fact that nearly 90 percent of our assignments are from repeat clients.
- **Our designated Project Manager and Deputy Project Manager have industry-leading and airport-specific Sustainability Master Planning and Sustainability Management Planning experience.** Our Project Manager and Deputy Project Manager successfully completed the Denver International Airport Sustainability Management Plan, the largest grant issued under the FAA's Sustainable Master Plan Pilot Program. They are also currently working on the Sustainability Management Plan for Tampa International Airport, which is expected to be completed in June 2014, and are supporting Mr. Ricondo with the Sustainability Master Plan for Vero Beach Municipal Airport.
- **R&A and our Team members have the wide range of technical expertise required.** To ensure that the R&A Team provides the City with the full range of technical capabilities and diversity required to provide comprehensive airport sustainability planning services, we have integrated firms with specialized experience and expertise as key members of our Team. As evidenced by the experience of our Team and the strength of the individuals we have designated for these services, the R&A Team would provide the City with the necessary capabilities to address the range of issues anticipated over the course of the sustainability planning process.

Mr. Ronald Archey
Procurement Specialist
March 18, 2014
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- **R&A has prior experience with planning assignments for FXE.** R&A, working as the lead planning consultant for Kimley-Horn & Associates in the most recent Master Plan Update complete for FXE, led the formulation of the aviation activity forecasts, the financial plan, and the stand-alone Strategic Business Plan. As evidenced in the process undertaken for the formulation of the Strategic Business Plan, we take a practical, collaborative approach to projects, working with our clients to address the issues unique to each airport in a manner that best suits each airport operator's needs.
- **R&A has extensive planning experience for Florida General Aviation Airports.** In addition to the ongoing Sustainability Master Plan Study for Vero Beach Municipal Airport and our prior planning work for FXE, R&A is finalizing a Strategic Master Plan Study for the general aviation system of airports operated by Miami-Dade County, which includes Opa-locka Executive Airport, Kendall-Tamiami Executive Airport, and Homestead General Aviation Airports. In 2011, R&A also completed a Strategic Business Plan and Airport Layout Plan Update for the Boca Raton Airport. Last year, we completed a Strategic Vision Plan and Capital Improvement Program Update for Page Field (Fort Myers, Florida). We fully understand and are committed to Florida aviation and are not only intimately familiar with, but also uniquely experienced in addressing the distinct needs of Florida's general aviation airports.

We appreciate the opportunity to submit this SOQ. We trust that you will find our submittal responsive to your requirements and sincerely hope that it will mark the beginning of a longstanding professional relationship between our organizations.

If you have any questions concerning our submittal or need additional information, please contact me at phone: 305-260-2727, extension 251; fax: 305-260-2728 or via email at p_ricondo@ricondo.com. We would welcome the opportunity to discuss our qualifications with you in an interview and ultimately to assist the City with the requested services.

Sincerely,
RICONDO & ASSOCIATES, INC.



Pete Ricondo, P.E.
Senior Vice President

Enclosure(s)

cc: 14-98-1170-01-1120
Read File

S:\Directories\Project Directory\FXE\SMP_v3.docx

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BID/PROPOSAL SIGNATURE PAGE

How to submit bids/proposals: Proposals must be submitted by hard copy only. It will be the sole responsibility of the Bidder to ensure that the bid reaches the City of Fort Lauderdale, City Hall, Procurement Services Division, Suite 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, prior to the bid opening date and time listed. Bids/proposals submitted by fax or email will NOT be accepted.

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the CITY and such acceptance covers all terms, conditions, and specifications of this bid/proposal.

Please Note: All fields below **must** be completed. If the field does not apply to you, please note N/A in that field.

Submitted by:  March 7, 2014
(signature) (date)

Name (printed) Pete Ricondo Title: Senior Vice President

Company: (Legal Registration) Ricondo & Associates, Inc.

CONTRACTOR, IF FOREIGN CORPORATION, MAY BE REQUIRED TO OBTAIN A CERTIFICATE OF AUTHORITY FROM THE DEPARTMENT OF STATE, IN ACCORDANCE WITH FLORIDA STATUTE §607.1501 (visit <http://www.dos.state.fl.us/>).

Address: 1000 N.W. 57th Court, Suite 920

City Miami State: FL Zip 33126

Telephone No. 305-260-2727 FAX No. 305-260-2728 Email: p_ricondo@ricondo.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): 365 days

Payment Terms (section 1.04): Lump sum based on mutually agreed upon % complete, invoiced monthly Total Bid Discount (section 1.05): Not applicable

Does your firm qualify for MBE or WBE status (section 1.09): MBE WBE

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

| <u>Addendum No.</u> | <u>Date Issued</u> |
|---------------------|--------------------|
| 1 | February 27, 2014 |

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. **HAVE YOU STATED ANY VARIANCES OR EXCEPTIONS BELOW? BIDDER MUST CLICK THE EXCEPTION LINK IF ANY VARIATION OR EXCEPTION IS TAKEN TO THE SPECIFICATIONS, TERMS AND CONDITIONS.** If this section does not apply to your bid, simply mark N/A in the section below.

Variations:

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City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301
954-828-5933 Fax 954-828-5576
purchase@fortlauderdale.gov

ADDENDUM NO. 1

RFQ 946-11300
Fort Lauderdale Executive Airport Sustainability Master Plan - CCNA

ISSUED February 27, 2014

1. This addendum is being issued to make the following change:
Addition of the current Airport Master Plan and associated drawings.
All other terms, conditions, and specifications remain unchanged.

Kirk W. Buffington, CPPO, C.P.M. MBA
Deputy Director of Finance

Company Name: Ricondo & Associates, Inc.
(please print)

Bidder's Signature: *Ricondo*

Date: March 4, 2014

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State of Florida

Department of State

I certify from the records of this office that RICONDO & ASSOCIATES, INC. is an Illinois corporation authorized to transact business in the State of Florida, qualified on March 28, 1990.

The document number of this corporation is P28662.

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

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

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



Ken Detzner
Secretary of State

Authentication ID: CC7230869132

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

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



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

Ricondo & Associates, Inc.
 20 N CLARK ST FL 15
 CHICAGO, IL 606024185

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

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

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

State of Florida

Board of Professional Engineers

Attests that

Ricondo & Associates, Inc.



FBPE
 FLORIDA BOARD OF
 PROFESSIONAL ENGINEERS

is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2015

Audit No: 228201502190

Certificate of Authorization

CA Lic. No:

5682

EXHIBIT 5

14-0706



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

Pedro Ricondo
 1000 N.W. 57TH COURT SUITE # 920
 RICONDO & ASSOCIATES INC.
 MIAMI, FL 33126-3511

NOTICE

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

State of Florida
 Board of Professional Engineers
 Attests that
Pedro Ricondo, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
 Expiration: 2/28/2015 P.E. Lic. No: 51490
 Audit No: 228201509864

State of Florida
 Board of Professional Engineers
 Attests that
Pedro Ricondo, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
 Expiration: 2/28/2015 P.E. Lic. No: 51490
 Audit No: 228201509864

EXHIBIT 5
 14-0706
 Page 17 of 127

State of Florida

Board of Professional Engineers

Attests that

Colleen Elizabeth Quinn, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2015
Audit No: 228201525869
P.E. Lic. No: 44454

3. Qualifications of the Firm

3.1 Firm Overview

Ricondo & Associates, Inc. (R&A) is a full-service aviation consultancy specializing in airport planning and business management services in support of airport owners and operators, airlines, and federal and state agencies. Since its inception in 1989, R&A has been dedicated to solving the challenging problems facing the airport and airline industries. The firm is owned and operated by its senior officers and has no other business interest except airport and aviation consulting.

R&A is an S-Corporation and is headquartered in Chicago. R&A has established U.S. offices in northern and southern California, Cincinnati, the Dallas/Fort Worth area, Denver, Honolulu, Miami, Orlando, Phoenix, and the Washington, D.C., area. The firm employs more than 100 full-time staff, including more than 85 professional aviation consultants.

What distinguishes R&A in airport consulting is our sole focus on the aviation industry, our responsive approach to delivery of services, and our commitment to supporting our clients, beginning with preliminary planning and continuing through design support, federal processing, financing, and project construction. R&A's management philosophy places our first priority on client needs and the delivery of services in a way that builds long-term successful client relationships. Our approach to service delivery emphasizes working with our clients to ensure that products and recommendations are responsive to client goals and objectives. This partnership approach is a critical aspect in achieving client satisfaction and one of the reasons for our success. Nearly 90 percent of R&A's assignments are from repeat clients, evidence of the quality of services we provide, our professional reputation, and the relationships we've built.

The diverse backgrounds of our senior staff, along with their individual expertise, qualify R&A to provide comprehensive aviation consulting services for airports of all sizes. R&A's officers average 28 years of commitment to the aviation industry, having worked as consultants and problem solvers for airport operators and airlines, as well as for the Federal Aviation Administration (FAA) and the Transportation Security Administration (TSA). The consulting services offered by R&A related to sustainability include:

Sustainability Planning

- Development of Sustainability Guidance Manuals
- Development of Sustainability Ranking and Rating Forms
- Establishment of Sustainability Measures and Metrics
- Sustainability Tracking, Reporting, and Documentation
- Sustainable Design, Construction, and Operations Review
- Development of an Award and Recognition Program
- Conduct of Public and Industry Outreach Programs – Workshops, Articles, Industry Awards, Presentations, Conferences
- Development of Design and Construction Specifications
- Grant Funding Opportunities, VALE Program

Environmental Planning

- Airport Land Use Compatibility Planning
- Air Quality Conformity Analyses and Modeling
- Alternative Energy/Alternative Fuel Analyses
- Greenhouse Gas Emissions Inventories and Analyses
- NEPA Processing: Environmental Impact Statements; Environmental Assessments; Documented Categorical Exclusions
- Noise Analyses
- State/Local Environmental Processing

R&A has been providing sustainability planning services continuously since 2003, starting with sustainability planning efforts supporting the O'Hare Modernization Program, including the preparation of the Sustainable Design Manual (SDM) that was part of that project effort.

R&A is committed to sustainability. While focusing on providing our clients with financially, operationally, and environmentally sustainable solutions, R&A understands that our own continued success, the well-being of our employees, and the health of our planet also depend on our ability to operate in the most sustainable manner possible. To that end, our Board of Directors has adopted a corporate sustainability policy that reflects the four main aspects of sustainability: economic viability, operational efficiency, natural resources conservation, and social responsibility.

R&A is a legal entity in the State of Florida. Our certifications are included in Section 2.

Company address: 1000 N.W. 57th Court, Suite 920, Miami, Florida 33126; Phone: 305-260-2727; Fax: 305-260-2728; email: p_ricondo@ricondo.com; website: www.ricondo.com; Contact person: Pete Ricondo, P.E.

3.2 Project Experience

The firms and individuals on the R&A Team have provided numerous sustainability master planning services that directly relate to the requested services for the Airport. The projects described in this section relate to the types of services that are expected to be required by the City. References for clients that can be contacted on each of these projects are indicated. These clients can give testimony to the quality and timeliness of R&A Team member work. The quality of work performed for these clients can be measured by the fact that most of these clients have remained clients either through follow-on work or on-call contracts. Our completed SF 330 is in the **Appendix**.

3.2.1 RICONDO & ASSOCIATES, INC.

| | |
|-------------------|--|
| Project Title: | Sustainability Management Plan |
| Airport: | Denver International Airport |
| Client: | City and County of Denver Department of Aviation |
| Start/End Date: | August 2011/August 2013 |
| On Time/Budget: | Yes |
| Client Reference: | Mr. Scott Morrissey, Director of Environmental Programs • 303-342-2836 |

Project Description: R&A was selected in 2011 by the City and County of Denver Department of Aviation to prepare a Sustainability Management Plan (SMP) for Denver International Airport. The airport was awarded a grant in the first round projects funded under the FAA's Sustainable Master Plan Pilot Program. The collaborative planning process included facilitated meetings with internal stakeholders, tenant survey and interviews, external stakeholders workshop, and an organizational assessment of management practices and processes. Through this process, sustainability awareness was raised and ideas were shared

between airport management and its stakeholders, culminating in the development of a long-term roadmap to aid airport management's progress toward an increasingly sustainable way of doing business, a path that is adaptable to evolving sustainability priorities. In addition to 15 near-term sustainability initiatives selected for implementation and their supporting detailed implementation plans, the SMP defines a process to integrate sustainability into airport management activities that builds upon the existing management activities and sustainability successes, and integrates into the overall strategic priorities of airport management. This long-term implementation framework is modeled on the airport's established ISO 14001 certified EMS. R&A led development of numerous tools and templates to support SMP implementation, including messaging materials targeted to various stakeholders, tools for tracking and reporting sustainability performance, and processes and templates for identifying new initiatives and for defining their plans for implementation and performance monitoring.

Project Title: Sustainability Planning Support
 Airport: Chicago O' Hare and Midway International Airports
 Client: City of Chicago, O'Hare Modernization Program Office
 Start/End Date: 2003/Ongoing
 On Time/Budget: Yes
 Client Reference: Mr. Michael Boland, First Deputy Commissioner • 773-686-7091

Project Description: R&A is assisting the City of Chicago with environmental and sustainability consulting services for Midway and O'Hare International Airports, including the O'Hare Modernization Program. R&A supports the application of environmental sustainability into every aspect of airport operation, including planning, design and construction, operations and maintenance, and activities by concessionaires and other tenants, and assists in monitoring, tracking, and reporting performance. R&A participated in the collaborative development of the *Sustainable Design Manual* and its update, the *Sustainable Airport Manual*, the City's guidance for incorporating sustainable design and practices airportwide. The *Sustainable Airport Manual* establishes a formal process for considering sustainability in the design and construction of every project at the airports, contractually requires the consideration of sustainability, includes implementation monitoring and tracking, and establishes rating and ranking criteria supported by an award recognition program branded with the Green Airplane symbol and certification. The City of Chicago's focus on sustainability has resulted in numerous achievements, including diesel vehicle emissions control specifications for construction equipment; incorporation of "green roofs;" energy use reduction and conservation strategies; use of alternative renewable energy; stormwater and water quality enhancements; net zero waste strategies, including the use of recyclable materials, composting, and material recovery; construction waste management; and social programs including apiary (bee hive) job training and indoor hydroponic gardens.



Project Title: Sustainable Master Plan
 Airport: Tampa International Airport
 Client: Hillsborough County Aviation Authority
 Start/End Date: June 2013/Ongoing
 On Time/Budget: Yes
 Client Reference: Ms. Alice Price, AICP, Project Director • 813-870-7846

Project Description: R&A was selected in 2013 by the Hillsborough County Aviation Authority (HCAA) to prepare a Sustainability Master Plan for Tampa International Airport. As implementation of the projects identified in the recently completed Master Plan Update for the airport begins, the HCAA has prioritized undertaking implementation in a manner that helps reduce potential environmental consequences, achieve economic benefits, and increase interactions with local communities and stakeholders, thereby incorporating sustainability as a core objective in the HCAA's long-range airport planning. To date, the collaborative process has involved facilitated meetings with Authority staff; online surveys of airport staff and stakeholders; visioning sessions with Authority staff, tenants, business partners, and the public supported by live keypad polling; ongoing outreach via the airport's website and social media to encourage continual engagement through the planning process; and in-depth studies of energy, waste, and greenhouse gas emission opportunities. Three sustainability plan components will be developed under this comprehensive sustainability planning, project (1) a Sustainability Management Plan that will serve as a tool for incorporating sustainability into planning and decision-making at the airport over the long term; (2) a Sustainable Master Plan that will enhance the sustainability aspects of master plan projects as they are implemented; and (3) a Sustainable Design Criteria Manual that will guide the sustainable development of HCAA projects throughout the design process. Working as a subcontractor to R&A, KBE is involved in the quantification and assessment of greenhouse gases (GHGs) associated with the operation of the Airport. This initiative will enable the project team to identify the various sources of GHGs at TPA, assess their characteristics and magnitude, and develop effective mitigation measures, should the need arise. The work involves airport staff and stakeholder coordination, field work assessing the operational characteristics of GHG sources, and the documentation of results.



Project Title: Sustainability Database for Enhancing the Airport Industry SAGA Tool
 Airport: Not Applicable
 Client: Sustainable Airport Guidance Alliance
 Start/End Date: January 2009/October 2009
 On Time/Budget: Yes
 Client Reference: Ms. Katherine Preston, Senior Director, Environmental Affairs, ACI-NA • 202-861-8092

Project Description: R&A was a lead participant in the Sustainable Airport Guidance Alliance, a collaboration of aviation industry organizations and leaders in sustainability. R&A assisted in developing the *Sustainable Aviation Resource Guide* to help airport operators evaluate and select sustainable practices to implement at their airports. R&A identified, organized, and consolidated a broad range of airport sustainability guidelines, policies, practices in a searchable database, referred to as the SAGA Sustainability Database (the Database), streamlining the ability to search, evaluate, implement, and review sustainability practices.

| Practice | LEED | | | | | | | | | | | |
|--|------------------------------|-----------------|-----------------------|------------------------|-------------|------------------------|----------------------------|--------------------------------|-----------------------------|-------|--------------------|------------------|
| | Potential/LEED Applicability | Planning/Design | Construction/Activity | Operational/Operations | Maintenance | Administration/Finance | Community/Public Relations | Terminal Buildings/Concessions | Security/Passenger Handling | Other | Travel/Concessions | Baggage Handling |
| 666. Install storm and detention basins or other mechanisms to prevent wastewater from using area water bodies. | | | | | | | | | | | | |
| 667. Develop and implement an integrated Pest Management plan (IPM). | | | | | | | | | | | | |
| Materials and Resources | | | | | | | | | | | | |
| Waste Reductions | | | | | | | | | | | | |
| 668. Include educational training on waste reduction for the project team as a part of the initial sustainability project planning meeting. | | | | | | | | | | | | |
| 669. Participate in a "waste-to-profit" network to identify by-product synergy and material reuse opportunities. The city or state network may (or could) include participants from area companies, institutions, and other state departments (see www.wastetoprofit.com). | | | | | | | | | | | | |
| 670. Develop and utilize an off-site composting facility. Separate food waste from normal waste to utilize for composting (off-site only), bioethanol, livestock feed, and other uses. | | | | | | | | | | | | |
| 671. Develop and implement public food waste collection stations. | | | | | | | | | | | | |
| 672. Develop and implement a surplus food program to benefit area food banks by supplying pre-packaged sandwiches, salads, soups, muffins, cookies, etc. | | | | | | | | | | | | |

The Database identifies more than 950 individual sustainable airport practices that can be implemented by airport operators, contractors, and/or tenants. Over 65 searchable criteria were created to enable users to conduct a focused search on specific areas of interest based on economic, operational, natural resources, and social considerations. To develop the Database, R&A reviewed over 100 resources, including more than 30 individual airport sustainability policies, plans, and reports. This SAGA work greatly expands R&A's ACI Sustainability Index (2005), which was the industry's first resource for identifying, considering, and selecting sustainability measures. As a participant in ACRP 02-30, "Enhancing the Airport-Industry SAGA Website," R&A will update the Database.

Project Title: Guidebook for Sustainable Airport Construction Practices (ACRP Report 42)
Airport: Not Applicable
Client: Transportation Research Board, Airport Cooperative Research Program
Start/End Date: April 2009/April 2010
On Time/Budget: Yes
Client Reference: Ms. Marci A. Greenberger, AAE, Senior Program Officer • 202-334-1371

Project Description: R&A was retained by the ACRP to lead a research team in identifying, documenting, and evaluating sustainable practices being implemented or that could be implemented on airport construction projects. A total of 480 practices were identified and are included in a database collection for public distribution (the Collection). The Collection includes practices, methods, procedures, and technologies for all stakeholders involved in the planning, design, and construction of airport development or redevelopment projects. The Collection, available for download from TRB's website, is a resource that enables the user (anyone involved in construction projects) to quickly and easily identify sustainable airport construction practices for consideration, regardless of airport size or project scope.



Project Title: Sustainable Master Plan
 Airport: Vero Beach Municipal Airport
 Client: City of Vero Beach
 Start/End Date: November 2013/Ongoing
 On Time/Budget: Yes
 Client Reference: Mr. Eric Menger, Airport Director • 772-978-4930

Project Description: In August 2013, the City of Vero Beach, Florida, selected R&A to prepare a Sustainable Master Plan for Vero Beach Municipal Airport. The Sustainable Master Plan will be an update to the previous Master Plan completed for the airport in 2000. In the last 10 years, the environmental and financial operating conditions have evolved. General aviation activity was significantly affected by the September 11, 2001, terrorist attacks and the more recent economic downturn. Together, these factors needed to be addressed in an Airport Master Plan Update.



The City's main priorities for updating the Master Plan, which are aimed at enhancing the airport's sustainability, are outside the scope of a traditional Master Plan, and better aligned with the FAA's three core principles for sustainability: protecting the environment, maintaining high and stable levels of economic growth, and achieving social progress by recognizing stakeholder needs. In addition to the traditional analyses conducted for an airport master plan, such as activity forecasting or updating the airport layout plan, the Vero Beach Municipal Airport Sustainable Master Plan will include significant public involvement and a business sustainability analysis to determine opportunities for the airport to remain financially self-sustaining. To that end, creative approaches to attracting new business to the airport while minimizing its impact on the environment will be considered in the planning process.

3.2.2 BASULTO MANAGEMENT CONSULTING

Project Title: South Runway Expansion Program
 Airport: Fort Lauderdale/Hollywood International Airport
 Client: Broward County Aviation Department
 Start/End Date: 2009/2014
 Client Reference: Mr. Tom Jiargiello (Former Director of Aviation) • Not available

Project Description: BMC performed project planning activities for the design and construction of a new 8000 foot runway at Fort Lauderdale/Hollywood International Airport to include preparation of Environmental Impact Statement, airport capacity, and compliance with Federal and State requirements. Construction Cost - \$790M.

3.2.3 C&S COMPANIES

Project Title: Sustainability Management Plan
 Airport: Salt Lake City International Airport
 Client: City of Salt Lake City
 Start/End Date: June 2013/Ongoing
 Client Reference: Ms. Patty Nelis, Environmental Specialist • 801-575-3472

Project Description: C&S is on a team that is developing a sustainability management plan for Salt Lake City International Airport (SLC). This FAA-funded project will place the SLC's broad-reaching sustainability initiatives into a framework that will allow the airport leadership to assess performance and make informed choices about capital and other investments. The study includes a sustainability baseline assessment, key environmental issues relating airport infrastructure, natural resources, and social aspects, such as passengers and employees. The SMP will also include specialized assessments on air quality, waste management and recycling, water conservation, and governance/airport management. Potential sustainability strategies will be evaluated based on being environmentally and financially feasible, cost-effective, as well as not compromising the operational efficiency of SLC. The team will develop an implementation plan for the SMP that includes milestones, responsibilities, and tracks performance.



As a subconsultant, C&S is assisting with data collection, report preparation, and stakeholder coordination. C&S is responsible for three major resource categories: waste management and recycling; governance, organizational capacity, and procedures; and air quality and greenhouse gases.

As part of the baseline assessment, C&S developed a comprehensive protocol for an on-site waste audit that was facilitated and led by our staff. The methodology was shared with the FAA and may be used in their development of upcoming guidance documents on this topic.

C&S's air quality emissions inventory quantified criteria pollutants and greenhouse gases, which will help the airport determine which areas are in need of improvement and where their efforts should be focused.

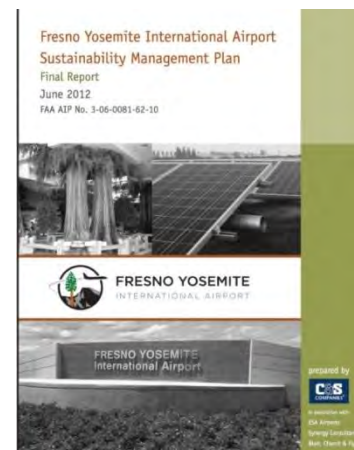
C&S identified sustainability initiatives in both of these resource categories and is working with the project team and airport to evaluate and prioritize proposed measures. The governance, organizational capacity and procedures effort provided a review of the existing structure and processes to assist the airport in determining how initiatives could be implemented and what changes need to be made to the organization to integrate sustainability systematically.

Project Title: Sustainability Management Plan
 Airport: Fresno Yosemite International Airport
 Client: City of Fresno
 Start/End Date: February 2011/June 2012
 Client Reference: Mr. Kevin Meikle, Director of Aviation, Architect • 559-621-4536

Project Description: C&S developed a sustainability management plan for Fresno Yosemite International Airport as part of the FAA's 10-airports nationwide sustainability planning pilot program. Fresno has already embraced the sustainability challenge through its many green initiatives, including having the nation's largest airport solar farm. The goals of the sustainability management plan are to achieve specific environmental, social, economic, and operational benefits, including:

- Facilitating the federal, state, and local approval/permitting process
- Protecting natural resources
- Improving relationships with community and agencies
- Enhancing the airport's benefit to the community
- Reducing the cost of development and/or operating and maintenance costs

In order to establish realistic targets for improvement, C&S conducted baseline assessments in a wide range of categories and developed a report detailing the results of our findings. Baseline data in the following categories was collected and assembled into one baseline assessment report: Air emissions, Energy, Water quality, Water conservation, Noise, Landscape management, Solid waste and recycling, Indoor environmental quality, Hazardous materials, Surface transportation, Socioeconomic and community outreach, and Sustainable site and land use compatibility.



C&S team specialists gathered this information during site visits, working directly with airport personnel in many different operational areas, speaking with airport tenants, and meeting with vendors and representatives of the city and airport.

Following the baseline assessment, the C&S team performed a gap analysis to determine how Fresno can move from its current baseline to meeting the sustainability goals.

Based on the established goals and the results of the baseline assessments and gap analysis, C&S developed an implementation plan to help the airport achieve the desired outcomes, including identifying sustainability measures that can be implemented both as part of future capital projects or as stand-alone initiatives. In addition, we developed a sustainability report card so that they can track progress on initiatives each year. The report card indicates which goals were met and how each year's numbers compare to the baseline year.

For the airport to execute their sustainability management plan, it is critical to keep in mind the many factors that go into implementing a plan. C&S helped the airport identify the information necessary to determine the timing and scope/scale of each initiative in terms of implementation requirements. We also looked at the projected return on investment for each sustainability initiative. For example, a controls system upgrade would reduce electricity and natural gas usage, saving the airport \$250,000 a year in operating costs. Numerous initiatives are driven primarily by environmental or social benefits, but are as valuable as those with demonstrated cost savings. A meaningful sustainability management plan goes beyond looking for cost-saving measures and takes a more holistic look at how the airport functions, considering environmental, social, and economic/ financial benefits.

Project Title: Sustainable Airport Master Plan
Airport: Ithaca Tompkins Regional Airport
Client: Tompkins County
Start/End Date: September 2009/May 2011
Client Reference: Mr. Robert Nicholas, Airport Manager • 607-257-0456

Project Description: C&S was the airport's consultant for the development of the country's first FAA-funded sustainable master plan. While a traditional master plan requires consideration of environmental impacts from proposed projects, a sustainable master plan takes environmental considerations beyond just impact analysis, making sustainability a core objective in all aspects of the final master plan. For this project, sustainable principles and practices were applied to everything from airport operations to maintenance practices to selection of materials for capital improvements. Ithaca's sustainable master plan achieves all of the FAA-required elements of a master plan, but with an improved and greater focus on making the airport a healthier place for people and the planet. The team established sustainability goals and set targets at an initial kickoff meeting with stakeholders. Areas addressed include: Air quality and climate change, Energy conservation and renewable energy, Materials use and waste reduction and recycling, Hazardous materials management and remediation, Land and natural resources management, Noise abatement, Surface transportation management, Water quality protection and water conservation, Buildings and facility management and operations, Socioeconomic benefits and community outreach/involvement, and Land use.



Sustainability baseline assessments determined how the airport was performing in each area. From that assessment, goals were set and procedures developed to help the airport achieve those goals. Additionally, sustainable features were evaluated as part of each development alternative shown in the master plan.

C&S also reached out to Cornell University and Ithaca College, offering a unique opportunity for students to be involved. Four classes comprising nearly 75 students signed on to make sustainability at the airport their semester-long project.

This project served as the inspiration for the FAA's sustainability planning pilot program, which was initiated in 2010 and has helped change the nature of airport planning nationwide.

The most important part of the sustainable master plan is in implementation. C&S developed a project decision tree that helps the airport find ways to ensure that every capital project contributes to a minimum of two sustainability goals. To date, several projects have been impacted by the guidelines in the master plan.

Terminal building expansion—Accommodating TSA, screening equipment, airline offices, concessions, baggage, and passenger holding areas is difficult within the existing building layout. However, the most sustainable project is the one that is never built, so the project team solved the terminal space constraints within the existing footprint, eliminating the need for adding square footage in the short-term. Once it becomes necessary, a long-term building expansion will be designed to a minimum certification level of LEED Silver.

Apron rehabilitation—The apron rehabilitation project includes infrastructure to accommodate future electric ground power for aircraft. More energy efficient lighting fixtures will replace existing metal halide fixtures. Finally, crushed stone will be used in lieu of crushed ledge rock because of both its functionality and significantly shorter hauling distance.

This project received a 2012 Platinum Engineering Excellence Award from ACEC-New York, the 2011 Airports Going Green award, 2011 Signs of Sustainability award and the 2012 *Get your GreenBack Seal of Excellence*.

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| Project Title: | Sustainable Airport Master Plan |
| Airport: | Kent State University Airport |
| Client: | Kent State University |
| Start/End Date: | September 2012/Ongoing |
| Client Reference: | Ms. Anne Brown, Associate Vice President for Business and Administration Services • 330-672-0984 |

Project Description: C&S is developing an airport master plan for Kent State University Airport, a general aviation facility owned by the university for its flight training program. In late 2013, the FAA awarded a grant to incorporate sustainability planning into the master plan process. The inclusion of sustainability planning is intended to ensure the long-term viability of the airport, the community, and the natural environment in a way that continues to support the economic development and prosperity of the region. The expansion of the master plan scope of services to incorporate sustainability will build on the university's commitment to the implementation of sustainable practices. It is also an opportunity to

incorporate sustainability into new and improved infrastructure as the airport replaces aging and temporary infrastructure.

The master plan process is unique because the majority of activity at this public-use airport is associated with the university. Also, the university previously recommended closing the airport and relocating its flight training program. The university is now reconsidering this recommendation because it envisions a strong future for the flight training program and the airport and because the FAA felt that closing the airport would conflict with grant assurances that the airport would remain open and in public use.



Because of the university's previous position that the airport would be closed, the stakeholder and community outreach and engagement is critical. The intent is to increase the understanding of the airport, its vision, and the master plan among residents, businesses, elected officials, agencies, and institutions. C&S developed a project website (www.KSUAirportPlan.com) and fact sheet for the public.

C&S will work with the university's Manager of Sustainability and professors and students in the College of Architecture and Environmental Design in the development of the sustainability baseline and development and evaluation of alternatives. Areas to be addressed include air quality and greenhouse gases, energy, sustainable materials management, land use and compatibility with airport operations, community outreach, airport operational efficiency, and the economy.

3.2.4 DICKEY CONSULTING SERVICES, INC.

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| Project Title: | City of Lake Worth Master Plan Update |
| Airport: | Not Applicable |
| Client: | City of Lake Worth |
| Start/End Date: | 2004/2005 |
| Client Reference: | Mr. Paul Kissinger, EDSA, Inc. • 954-524-3330 |

Project Description: DCS developed, coordinated and implemented a Public Involvement Program for EDSA. The challenge/issue that was addressed was building consensus throughout the community with the businesses and residents relative to land use, zoning, parking, housing, and commercial development. DCS provided economic and community development/redevelopment planning; community involvement/outreach services. Key staff established a list of potential stakeholders, coordinated review of examples from two other communities that were used for "benchmarking" examples for Lake Worth. They also coordinated community visioning workshops and outreach, coordinated public meetings to educate and inform the community and government officials. Other tasks included public involvement data collection, Stakeholder Advisory Committee workshops, scheduling informational meetings, workshops,

and hearings, management of community issues and concerns (responses to inquiries, etc.), and comprehensive database/mailling list of all stakeholders and tracking system for all public correspondence. Dickey composed and updated monthly meeting collateral (Door signs, directional signs, maps, etc.), conducted public/community analysis through surveys and compiled final report encompassing statistical and empirical data, provided staff to translate Spanish, Creole and Mayan, executed photography and implemented event floor plan set up, and conducted research to ensure clear and concise dissemination of information to the public

Project Title: Public Relations and Community Awareness Services, North County Neighborhood
 Airport: Not Applicable
 Client: Broward County, Florida
 Start/End Date: 2002/Ongoing
 Client Reference: Mr. Bob Cole, CTA • 954-739-64000

Project Description: DCS provides assistance to the staff relative to the public awareness program. They prepare project collateral brochures, flyers, fact sheets, notification letters, news articles, and public notices, disseminated brochures, flyers, and notices. DCS also prepared a database of homeowners, residents and businesses. They attend meetings with established neighborhood associations or community groups, schools, PTA's, and business owners, attended progress meetings and provide coordination assistance during construction. They are responsible for development and distribution of a newsletter for residents and businesses.

Project Title: SR AIA PD&E Study Program
 Airport: Not Applicable
 Client: City of Deerfield Beach
 Start/End Date: 2002/2010
 Client Reference: Mr. John Flora, Metric Engineering • 407-644-1898

Project Description: The City of Deerfield Beach and the Florida Department of Transportation did a study regarding proposed improvements to SR A1A south of SE 3rd Street to north of NE 7th Street in Broward County. DCS provided professional consulting services by developing a Public Involvement Program for the project and currently provides professional consulting services for the project. DCS communicated with elected officials, government agencies, and key stakeholders regarding improvements to and development along the SR A1A corridor.

3.2.5 DY CONSULTING

Project Title: Sustainability Plans
 Airports: Newark Liberty International and Teterboro Airports
 Client: Port Authority of New York and New Jersey
 Start/End Date: October 2010/October 2013
 Client Reference: Ms. Zoe Haseman, Leigh Fisher • 650-375-5365

Project Description: DY was part of the team selected to prepare Sustainability Plans Newark Liberty and Teterboro Airports as part of a pilot program by the FAA. DY's role was to contribute to all aspects of the plan development, focusing on data collection of specific focus areas and providing expertise related to the Port Authority of New York and New Jersey's (PANYNJ) airports, as needed. The Sustainability Plans focused on the "Triple Bottom Line" – economic growth, social responsibility and environmental stewardship.

The approach to developing the sustainability plan was based on the process identified by SAGA. The process begins with building a sustainability team, establishing a vision and guiding principles, determining focus areas and strategic goals, and conducting an initial assessment. Using that baseline data, the team began identifying and ranking opportunities, refining their goals, recommending actions, setting targets and finally developed the Action and Monitoring Plans.

A successful Sustainability Plan requires buy-in from the appropriate stakeholders. The project team worked closely with staff from the airports and PANYNJ, as well as FAA, the FBOs, airlines, vendors, etc. The stakeholders helped to refine the long list of potential sustainability topics to a narrower list of focus areas (ten for Newark, five for Teterboro) that is comprehensive in its coverage of airport concerns.

A kick-off meeting and several follow up stakeholder events were used to gather input and data. The team worked with PANYNJ to establish "visions" for each airport. Baseline Reports were developed. DY was intimately involved in the land use, noise, wildlife and wetlands sections.

The Team drafted goals and objectives as a starting point for the Port Authority community to develop into their own final program. Ultimately, final Sustainability Plans will be produced, including Actions Plan and Monitoring Plans.

Project Title: Master Plan
Airport: Venice Municipal Airport
Client: City of Venice
Start/End Date: January 2009/July 2011
Client Reference: Ms. Nancy Woodley, Acting City Manager • 941-486-2711

Project Description: The project has been controversial within the City and required an innovative approach to developing alternatives compatible with several key issues of importance to the community. The study has been funded by the City of Venice due to the fact that the FAA provided funds for a master plan/Airport Layout Plan (ALP) which was completed one year earlier by another firm. The City however would not accept the completed Master Plan citing that it did not address the community's concerns. As a result, the FAA has held funding of any improvement projects at the airport until an acceptable ALP is submitted and approved by the FAA.

A unique aspect of the project included a six month aircraft counting program to accurately identify the critical aircraft operating at the airport as well as provide an accurate count. The counting system utilized

six wireless cameras positioned on the airfield that captured a photo of the aircraft and provided data to a server including the time of the operation, aircraft type and owner information. In addition two cameras were specifically installed to capture touch and go activity. At the conclusion of the six month period the City decided to purchase the equipment and keep it permanently installed to continue the counting program on a daily basis. This has resulted in a very significant database of activity and aircraft information.

Extensive coordination with the FAA has been required to accomplish the City's goals and objectives. Included within their goals is relocation of an RPZ that includes 24 homes off the Runway 13 end, and full RSA improvements to a runway constrained by a golf course. The controversy of the project resulted in FAA's Washington D.C. office involvement at meetings held with the Orlando ADO. DY Consultants, at the request of the client and FAA, created numerous alternatives for analysis, including possible reorientations of runways and shifting of thresholds to satisfy all concerned.

The study has required a thoughtful approach to the public involvement process. Several public workshops were conducted at key points in the process to inform, educate, build trust and confidence and receive public comment on the information and data generated during the study. The process was very controlled yet provided all citizens the opportunity to participate and be a part of the study from start to finish.

A unique consensus plan was achieved with the City, community and FAA in September 2010 which addressed all concerns. The plan consists of implementation of EMAS and shifting the primary runway to relocate the RPZ onto airport property, relocation of a golf course driving range and several golf course holes to meet RSA standards, and several modifications to Runway Object Free Standards (ROFA). The ALP and Master Plan document are currently being circulated by the FAA for comment.

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| Project Title: | Master Plan |
| Airport: | Westchester County Airport |
| Client: | Westchester County Department of Public Works |
| Start/End Date: | November 2012/Ongoing |
| Client Reference: | Mr. Robert Funicello • 914-760-2114 |

Project Description: DY Consultants is currently developing the Airport Master Plan to provide the Westchester County, community, public officials, airport tenants, environmental stewards, and other regulatory agencies the framework needed to guide future airport short and long-term development.

The Airport Master Plan development is following the guidelines established by the FAA and includes such elements as:

- Comprehensive inventory of the existing conditions including airport facilities, NAVAIDS, pavement surfaces, environmental documents and studies, airport operations and documentation and record review.
- Development of Aviation Forecasts

- Assessment of the Facility Requirements
- Alternatives Development and Evaluation
- Sustainability Baseline Assessment, Goals and Objectives

One of the most critical components of the Master Planning process is solicitation of the airport stakeholder support and input on their vision for the Airport. The Public Involvement Program (PIP) process for Westchester County Airport began almost immediately after the project kick-off meeting. The level of public involvement for Westchester County Airport was carefully assessed and correlated to reflect the purpose and need of the Master Plan.

3.2.6 KB ENVIRONMENTAL SCIENCES, INC.

Project Title: ACRP 02-13: *A Guidebook for Improving Environmental Performance at Small Airports*

Airport: Not applicable

Client: Transportation Research Board (TRB) Airport Cooperative Research Program (ACRP)

Start/End Date: July 2010/January 2012

Client Reference: Mr. Michael Salamone, Senior Program Officer • 202-334-1866

Project Description: KBE was involved in the development and preparation of the ACRP 02-13: A Guidebook for Improving Environmental Performance at Small Airports publication. This work involved the identification and assessment of air emission sources (i.e., aircraft, ground support equipment, etc.) and emission types (i.e., criteria pollutants, greenhouse gases, etc.) associated with small (e.g., non-hub) airports. From this assessment, Best Management Practices (BMPs) and other emission reduction measures were developed, evaluated and identified. Other information pertaining to the approximate costs, ease of implementation and potential liabilities were also assessed. The guidebook serves as a recent and useful foundation upon which airport sustainability programs can be prepared.

Project Title: "Green Build" Greenhouse Gas Assessment

Airport: San Diego International Airport

Client: San Diego County Regional Airport Authority

Start/End Date: January 2012/December 2013

Client Reference: Mr. Ted Anasis, Airport Planning Manager • 619-400-2478

Project Description: KBE successfully completed the quantification and assessment of greenhouse gases (GHGs) associated with the construction and operation of the "Green Build" improvements at San Diego International Airport (SAN). This initiative enabled the project team to identify the various sources of GHGs at SAN during both the construction and operational phases of the Green Build projects, assess their characteristics and magnitude, and develop effective mitigation measures to meet regulatory agency criteria. The work involved airport staff and stakeholder coordination, assessing the construction and operational characteristics of GHG sources associated with SAN and the Green Build, and the documentation of results.

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4. Qualifications of the Project Team

The R&A Team has designated experienced professionals to participate to provide the requested services based on their experience and expertise in the various technical areas required to complete the work, an understanding of the issues at the Airport, and their availability to commit to the required services. Our Proposed Project Organization chart on **Exhibit 4-1** illustrates how the R&A Team would manage the various components of the project and identifies the roles of our key personnel with responsibility for specific technical planning tasks. The designated Project Management Team (i.e., the Officer-in-Charge and Project Manager) would oversee and guide these services. Individual qualifications and experience for the key personnel are described briefly in the following paragraphs.

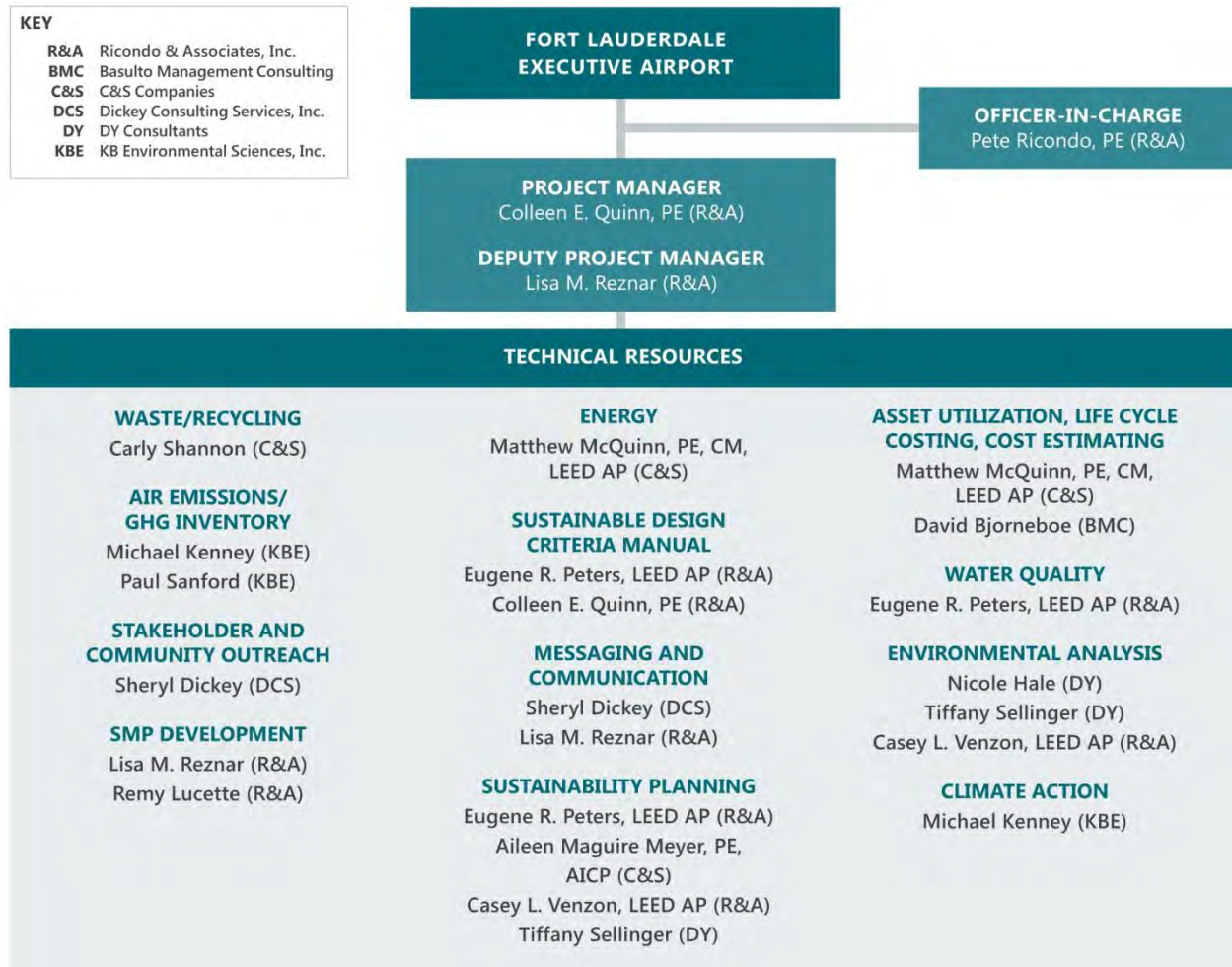
Pete Ricondo, P.E. (R&A) has over 20 years of comprehensive aviation experience in the areas of airport planning, programming, and conceptual design. Mr. Ricondo is currently the Officer-in-Charge of the Sustainability Master Plan for Vero Beach Municipal Airport. Mr. Ricondo has served as Project Manager for several master planning assignments including: a Strategic Master Plan and Business Plan for Palm Beach International Airport; a Systemwide Master Planning Study for the Palm Beach County Airports; and the Master Plan Update for Tampa International Airport. Mr. Ricondo also served as the Aviation Activity Forecasts Task Manager for the Master Plan for Chicago's O'Hare International Airport (which resulted in the definition of the O'Hare Modernization Program). The forecasts prepared by Mr. Ricondo formed the basis for the facility requirements prepared in the master planning study and subsequently used in the Environmental Impact Study undertaken for the O'Hare Modernization Program. More recently, he served as the Officer-in-Charge for the Master Plan Updates for Sarasota-Bradenton International Airport and Jacksonville International Airport. Similarly, Mr. Ricondo was the Officer-in-Charge and one of three senior industry advisors for Dallas-Ft. Worth International Airport's Master Plan Update (termed VFR 2030). He also served as the Principal Investigator (Project Manager) for the development of a Guidebook for Strategic Planning in the Airport Industry undertaken and published through the Transportation Research Board's Airport Cooperative Research Program. Mr. Ricondo is a license Professional Engineer in the State of Florida. Mr. Ricondo earned his Bachelor of Science in civil engineering from Florida State University and his Master of Business Administration from Florida International University.

Colleen E. Quinn, P.E. (R&A), our designated Project Manager, has significant experience managing and delivering aviation planning and design projects. Her nearly 30 years of experience includes master planning, airfield planning, terminal and facility planning, environmental analyses, sustainability planning, and construction operations analyses and phasing. In addition, Ms. Quinn has managed R&A's on-call planning services for a number of airport operators for more than 20 years, encompassing diverse technical, operational, and environmental analyses and projects at Chicago O'Hare, Cleveland Hopkins, Denver, and El Paso International Airports, among others. Her extensive and comprehensive experience on a variety of aviation projects provides an established foundation for the delivery of a successful SMP for Fort Lauderdale Executive Airport. Additionally, Ms. Quinn provided strategic guidance and input for the Denver International Airport Sustainability Management Plan, which was completed in mid-2013 and is part of the Federal Aviation Administration (FAA) Sustainable Master Plan Pilot Program. Ms. Quinn's

master planning and sustainability experience provide for a unique understanding of the benefits and challenges associated with making sustainability a priority in the long-range planning and operational framework of an airport. Ms. Quinn is a licensed Professional Engineer in Florida, Illinois, Georgia and Pennsylvania. She earned her Bachelor of Science in civil engineering from the University of Illinois.

Lisa M. Reznar (R&A) joined the firm in 1996 and has more than 15 years of experience in airport sustainability, environmental, and facilities planning. Ms. Reznar has prepared sustainability plans pursuant to the FAA Sustainable Master Plan Pilot Program. She served as Deputy Project Manager for the Denver International Airport Sustainability Management Plan, responsible for the administrative management of the 7-firm team; led development of the sustainability baseline, sustainability initiatives identification, and reporting; prepared report documentation; and facilitated development of project messaging brochures and summary materials. Currently, she is serving as Deputy Project Manager for the Tampa International Airport Sustainable Master Plan, which will result in a sustainable master plan that will complement the recently completed master plan update for the airport, a sustainable management plan that will guide the ongoing implementation of sustainability measures, and a sustainable design criteria manual that will inform the sustainable development of the airport capital program. Ms. Reznar is also serving as the sustainability lead on two current airport master plans—for Hartsfield-Jackson Atlanta International and Vero Beach Municipal Airports—defining strategies to integrate sustainability goals into long-term airport planning. She has also prepared environmental analyses pursuant to National Environmental Policy Act (NEPA) regulations for airports, including Chicago O'Hare and Midway International Airports, Phoenix Sky Harbor International Airport, Reagan Washington National Airport, and San Francisco International Airport, as well as an Environmental Assessment (EA) for the optimization of the Las Vegas area airspace. Ms. Reznar has a Bachelor of Arts degree in Geography and Political Science from Indiana University and a Master of Science in Geography from the University of Tennessee.

Exhibit 4-1: Proposed Project Organization



The following staff would support the Project Management Team.

David P. Bjorneboe (BMC) has more than 20 years of airport planning experience. Mr. Bjorneboe has held progressive airport planning and management positions at Charlotte-Douglas International Airport, Miami International Airport, and Fort Lauderdale/Hollywood International Airport. Mr. Bjorneboe also has extensive general aviation airport planning experience throughout Southeast Florida. Mr. Bjorneboe has managed numerous environmental analyses including the Environmental Impact Statement for the South Runway Expansion Program at Fort Lauderdale/Hollywood International Airport. Mr. Bjorneboe has extensive experience in airport operational design characteristics, standards, planning methodologies and financing practices. He also has extensive experience in land use and height hazard zoning including Chapter 333, Florida Statutes, "Airport Zoning", including the development of airport zoning ordinances.

Mr. Bjorneboe earned a Bachelor of Science in Aviation Business Administration from Embry-Riddle Aeronautical University.

Sheryl A. Dickey (SDC) is the President and Chief Executive Officer of Dickey Consulting Services, Inc. with more than 30 years experience in the social, economic and political revitalization of neighborhoods, cities and communities. She enjoys success in international trade and business development, establishing community development corporations, marketing, public involvement, public relations programs, coordinating and implementing employment and training programs. Over the past 30 years, Ms. Dickey has developed her knowledge and skills as an economic development and government relations professional. She provides financial, technical, marketing, and human relations assistance to private and public concerns. She develops programs for private and public sector organizations to assist small business. Ms. Dickey's professional experiences include Director of Economic and Community Development for Blockbuster Entertainment Corporation and Director of Economic Development for the City of Fort Lauderdale, in Fort Lauderdale, Florida. She was formerly the Deputy Director of Economic Development for the Toledo/Lucas County Port Authority in Toledo, Ohio, the Director of Small and Developing Businesses for the State of Ohio Department of Development, in Columbus, Ohio, and a former member of the Portsmouth City Council in Portsmouth, Ohio. Ms. Dickey's prior experiences include a variety of positions supporting small business development and community revitalization. Ms. Dickey completed her undergraduate education in social work at The Ohio State University in Columbus, Ohio. Ms. Dickey is active in many community and business organizations including the Urban Core Committee of Broward Workshop, Greater Fort Lauderdale Chamber of Commerce, Leadership Broward, Riverwalk Trust, Association for Women in Communication, International Council for Urban and Economic Development, and Delta Sigma Theta Sorority. She is the former Chair of the Broward Public Library Foundation.

Michael Kenney (KBE) is one of the co-founders of KBE and serves as Vice President for the firm. Mr. Kenney is professionally registered as a Qualified Environmental Professional (QEP) in the field of air quality by the Institute of Environmental Practice, a Certified Hazardous Materials Manager (CHMM) by the Institute of Hazardous Materials Management, and a Certified Industrial Hygienist (CIH) by the American Board of Industrial Hygiene. Over the past 30 years, Mr. Kenney has provided project management as well as hands-on technical involvement for a wide variety of air quality and human health related assignments at airports and airway facilities across Florida, throughout the United States and around the world. His technical expertise is particularly strong in the specialized areas of air monitoring, emissions inventories and dispersion modeling – as they pertain to aviation. He is also heavily involved in the development of resource and guidance materials associated with airport-related air quality. His clients in this field include ICAO, FAA, and the U.S. EPA; AOPA and the TRB-ACRP; state and local regulatory agencies; foreign governments; airport operators, airlines, aircraft companies and aircraft engine manufacturers. On behalf of the FAA, Mr. Kenney assisted in the production of the current *Airport HAPs Resource Documents*, led the development of the *Air Quality Handbook Addendum* and assisted in the update of the *Air Quality Impact* sections of *FAA Orders 1050.1E* and *5050.4B*. Mr. Kenney completed his B.A. in Environmental Sciences, at the University of Maine; the very first graduate of the University's system to do so. His M.S. is in Environmental Engineering (Atmospheric Science) from the University of

Florida and he has completed post-graduate studies at the University of South Florida, School of Public Health, in the Environmental Health/Industrial Hygiene program where his focus was on air quality, environmental toxicology and public health.

Remy Lucette, PMP, CM (R&A) has assisted with several airport master planning studies, for which he analyzed airfield, terminal, landside, and airspace operations. He completed assignments on general aviation airports including Boca Raton Airport, Kendall-Tamiami Executive Airport and international commercial airports including Abu Dhabi, Denver, Dallas/Fort Worth, Miami and Washington Dulles Airports. Currently, he serves as the Project Manager for the Sustainable Master Plan at Vero Beach Municipal Airport. This Sustainable Master Plan is intended to enhance the traditional master plan by identifying opportunities to develop the airport, both from an aviation and non-aviation standpoint, and while considering the three sustainability pillars: economic, environmental, and social. When designing the study, a strong emphasis was placed on involving the public early with the creation of an advisory panel made of local stakeholders and by organizing public meetings (visioning, open house). He is also conducting analyses on the airfield, the landside and the terminal areas for the ongoing Strategic Master Plan of Miami International Airport that will serve the demand capacity and alternatives development studies to come, using the methodologies included in FAA Advisory Circulars (150/5060-5, 5300-13, 5070-6B, 5300-18B). Starting in 2013, Mr. Lucette started instructing at Miami-Dade College the subjects of airport facilities, airport management and financial planning as an adjunct faculty member. He is a certified Project Management Professional. Mr. Lucette received his Bachelor of Science in Aviation Engineering from the French National University of Civil Aviation, as well as a Master of Science in Aviation Management and Development from Florida Institute of Technology and a Master of Science in Aviation Engineering from the French National University of Civil Aviation.

Aileen Maguire Meyer, PE, AICP (C&S) has more than twenty years of professional experience as an engineer and planner with a primary focus in sustainability and transportation. As the manager of the Planning Department, Ms. Meyer supervises staff responsible for aviation, surface transportation and sustainability planning and landscape architecture services. Ms. Meyer worked on the country's first sustainable master plan at Ithaca Tompkins Regional Airport, where she provided quality control and support for surface transportation management. She is currently the project manager for the Kent State University Airport master plan, which is integrating sustainability into its recommendations. Ms. Meyer also served as project manager and lead planner for the Finger Lakes Regional Sustainability Plan in Monroe County, NY, which builds on existing and planned sustainability efforts in the Genesee-Finger Lakes Region by establishing a framework for infrastructure investment decision making, outlining specific and tangible actions to reduce greenhouse gas emissions by 80 percent by the year 2050, informing municipal policies and plans, and identifying recommendations for adapting to the effects of climate change in a manner that promotes robust, high quality economic growth. Ms. Meyer is a registered professional engineer in New York and Massachusetts, and a member of the American Institute of Certified Planners. She earned her Bachelor of Science degree in Civil Engineering from Rensselaer Polytechnic Institute and a Master of City Planning from Boston University.

Nicole Hale (DY) has over 12 years of aviation experience working at airports, both domestically and internationally. Her primary experience includes the preparation of Environmental Impact Statements, Part 150 Studies, Environmental Assessments, Environmental Mitigation Strategies, GIS Analysis & Mapping, Master Plans, Airfield Alternative Development, Land Use Planning & Property Acquisition, Feasibility Studies, Environs/Land Use Plans, DBE Plans and Market Survey Reports. In addition, she has been an aviation management professor at Indiana State University and has worked with airlines and airport security. Nicole also holds a private pilot's license. Ms. Hale was the manager for the *Environmental Impact Statement* completed at Fort Lauderdale-International Airport, in Fort Lauderdale, Florida. The goal of this successful study was to provide environmental documentation and clearances for an additional air carrier runway. As a Senior Planner for the *Master Plan Update* at Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, Florida, Ms. Hale was accountable for the aviation forecasting, benefit cost analysis, facility requirements, GA complex remodeling, fuel farm and ARFF station relocation. As the Project Manager for the *Environmental Assessment* for the Public Access Road at Fernandino Beach Municipal Airport in Amelia Island, Florida, Ms. Hale was responsible for many critical tasks, including the project Purpose & Need, Alternatives, Noise, Land Use, HAAV, Section 4(f) Lands, Floodplains, Coastal Resources, Pollution Prevention, Socioeconomic, Surface Transportation, Construction, Natural Resources, Light Emissions & Visual Effects, Cumulative Impacts and Mitigation. Ms. Hale earned a Masters in Aviation Management and a Bachelor of Science in Aviation Planning and Aerospace Administration from Indian State University. She is an active member of the American Association of Airport Executives, Airport Consultants Council International, Women in Aviation International, Aircraft Owners and Pilots Association and the American Planning Association.

Matthew McQuinn, PE, LEED AP (C&S) is a mechanical engineer based in C&S's Orlando office. He has 10 years of experience with project management, design, and construction. His responsibilities include project management, HVAC design, LEED design and documentation, energy analysis, and construction administration. His project experience includes the following building types: luxury condos, vehicle maintenance, healthcare, grade school and higher education, restaurants, and industrial facilities. Matthew is a Certified Energy Manager and has optimized energy usage for a variety of LEED facilities during the design process. Matt was responsible for LEED documentation for Page Field's \$10 million terminal building, a two story 22,000-square-foot facility that includes ticketing, baggage handling, and airport administrative offices. The project included of chilled water VAV HVAC system, high efficiency lighting with occupancy sensors, low water flow plumbing fixtures, and fire suppression system. The terminal was awarded LEED certification. He also provided LEED documentation for the STEM Building at Indian River State College in Fort Pierce, FL, that achieved LEED Gold; and a Public Works Facility for the City of Oviedo, FL, that achieved LEED Gold. He earned his Bachelor of Engineering degree from the University of Central Florida.

Eugene R. Peters, LEED AP (R&A) has more than 25 years of environmental and sustainability planning experience. Mr. Peters has led or had significant roles on EAs for projects at the airports serving Atlanta, Chicago, Denver, Detroit, and Seattle-Tacoma, among others. He has strong capabilities in all areas of sustainability, NEPA processing, and aircraft noise and air quality analyses. Mr. Peters managed numerous EAs for Chicago Midway and Chicago O'Hare International Airports, including analyses supporting the

O'Hare Modernization Program EIS. He is a lead participant in developing the City of *Chicago's Sustainable Airport Manual and Sustainable Path* annual report, and in developing sustainable guidance for design, construction, operations and maintenance, tenants and concessions, administration, and planning. For the City and County of Denver, Mr. Peters managed R&A's on-call environmental planning services and the Sustainability Management Plan for Denver International Airport, which was funded through the FAA Sustainable Master Plan Pilot Program. He also managed an ACRP research project (ACRP Report 42), *Sustainable Airport Construction Practices* (2011), defining airport industry construction sustainability measures, practices, and technologies. He developed the Airports Council International (ACI) Sustainability Index (2005) and the SAGA database, which includes assessments of more than 900 sustainability measures and practices (2009), and he is leading the current SAGA database update under ACRP 02-30, "Enhancing the Airport-Industry SAGA Website," which will be used in the related project, ACRP 02-28, "Airport Sustainability Practices: Tools for Evaluating, Measuring, and Implementing." He also participated in the project that led to ACRP Report 80, *Incorporating Sustainability into Traditional Airport Projects* (November 2012). Mr. Peters has served as co-chair of the ACI Environmental Committee, Sustainability Working Group, and authored a bi-annual newsletter on leading sustainability initiatives in the airport industry. Mr. Peters earned a Bachelor of Science in Biology and Environmental Health from Illinois State University and a Master of Science in Environmental Planning from University of Texas at Austin. Mr. Peters is a LEED accredited professional with the U.S. Green Building Council.

Paul Sanford (KBE) presently serves as an Air Quality Specialist at KBE. Mr. Sanford prepares air emissions inventories (including greenhouse gases (GHG), dispersion modeling, and emissions reduction plans for airports ranging from the busiest large-hub airports in the nation to some of the smallest regional and municipal GA facilities. With strong research and data management skills, Paul has successfully completed an array of investigations resulting in the development of aviation-related policies and practices that are in use today. Mr. Sanford is particularly well known for his detailed and defensible work involving the air quality impacts of leaded (avgas) fuel and lead emissions at airports and serves as a subject-matter expert to the Aircraft Owners and Pilots Association (AOPA). Mr. Sanford earned his Bachelor of Science from the University of South Florida with a concentration in Environmental Science and Policy.

Tiffany Sellinger (DY) has over 4 years of environmental planning experience at airports. Her primary experience includes the preparation of Environmental Assessments, Environmental Mitigation Strategies, and Land Use Planning & Property Acquisitions. In her role as Project Planner and Designer for Republic Airport's *Vision Plan*, located in Farmingdale, New York, Ms. Sellinger aided in a non-traditional master plan, which was designed to build consensus between the Airport (3rd largest in New York State) and its stakeholders. Ms. Sellinger was responsible for aiding in study strategic management, client coordination, public and private outreach, designing deliverables and the final Vision Plan report. She was a Project Planner for the Port Authority of NY & NJ's *Airport Layout Plan Update*. Her tasks included updating the ALP Update drawing set for Newark international Airport and off-Airport Land Use Plans for La Guardia, John F. Kennedy, Teterboro and Newark airports. Primary activities include collaborating with local governments and municipalities to collect land use and zoning maps for each region surrounding these airports. Ms. Sellinger earned a Bachelor of Arts in Environmental Sciences and Urban and Environmental

Planning from the University of Virginia. She is an active member of the New York Airport Managers Association.

Carly Shannon (C&S) is a planner at C&S who has connected her personal passion in sustainability to aviation planning. Since assisting with the Fresno Yosemite International Airport Sustainability Management Plan, Ms. Shannon has been involved in sustainability management/master plans throughout the country, including Salt Lake City International, South Lake Tahoe and Kent State University Airports. As a sub-consultant to VHB on the Salt Lake City plan, Ms. Shannon is managing the waste management & recycling element (including a waste audit conducted in September) and the governance, organizational capacity & procedures component. Ms. Shannon is leading the integration of sustainability into the latter two plans. Ms. Shannon was the LEED administrator for the receiving and distribution center at San Diego International Airport, which became the first facility of its kind in the world to receive LEED Gold certification. Ms. Shannon is also assisting San Diego with an Air Quality Management Plan to reduce their greenhouse gas emissions. Already, C&S has helped the airport obtain \$3.1 million in federal funding through the Voluntary Airport Low Emission (VALE) Program. In addition, she has assisted airports in the pursuit of funding for zero-emissions vehicles through the FAA's ZEV and Infrastructure Pilot Program. Ms. Shannon is involved in several airport environmental and sustainability organizations including the ACC – Environmental, Planning and Sustainability Committees; the Sustainable Airports Working Group; and the AGC Environmental Stewardship Committee. Ms. Shannon is a LEED accredited professional with the U.S. Green Building Council. She earned her Bachelor of Environmental Geoscience from Boston College.

Casey Venzon, LEED AP (R&A) has performed numerous airport sustainability research and evaluation projects, including the preparation of an airport-specific evaluation and comparison of alternative renewable energy sources for use at aided the Metropolitan Washington Airports Authority's (MWAA) airports, performing an evaluation of biofuels for use in airport shuttle buses, and conducting research of airport fleets to determine potential applications of various alternative fuels. Mr. Venzon researched and evaluated 480 sustainable airport construction practices, methods, procedures, and technologies for all stakeholders involved in the construction of airport development or re-development projects as part of an Airport Cooperative Research Program (ACRP), Transportation Research Board (TRB) research project. Mr. Venzon continues to track construction progress for the O'Hare Modernization Program to ensure compliance with sustainable construction practices. He assisted in the compilation of a searchable database of 972 airport-specific sustainability initiatives for the SAGA that organizes sustainable airport practices based on over 65 evaluation criteria columns. Mr. Venzon has been instrumental in preparing NEPA documentation for R&A since 2008, including environmental assessments (EA) for Reagan Washington National, Sacramento Mather, and Tallahassee Regional Airports. He has prepared various categorical exclusions for Chicago Midway International Airport and Short Form EAs for Chicago O'Hare International Airport and Blue Grass Airport (Kentucky). Mr. Venzon is a LEED accredited professional with the U.S. Green Building Council. He earned his Bachelor of Arts in Business Administration and Economics at Coe College.

5. Project Manager's Experience

The R&A Team has designated senior and key staff to serve on the project based on their experience and expertise in sustainability planning, master planning, and the various technical areas required to develop the Sustainability Management Plan (SMP) for the Fort Lauderdale Executive Airport. Our designated Project Management Team, including the Project Manager (Colleen E. Quinn, P.E.) and Deputy Project Manager (Lisa M. Reznar), would oversee and guide development of the SMP.

R&A relies on a Project Management Team approach to provide additional technical depth and industry perspective. It also ensures that R&A provides the level of responsiveness and commitment that the firm prioritizes in our client relationships and provides the Airport with an immediate second point of contact, with an equal level of project understanding and knowledge, in the event that Ms. Quinn is unavailable for any reason. The Project Manager would serve as the primary point of contact for the Airport, manage the day-to-day conduct of assignments, coordinate among various sustainability planning elements, ensure the technical veracity of our work, ensure compliance with the overall project schedule and interim milestones, and be responsible for the performance and delivery of services by our subconsultants. The Project Manager would also ensure that the scope of work for the SMP is completed within budget and in a timely manner. The Deputy Project Manager would support the Project Manager through all phases of the SMP preparation, ensuring a thorough level of project knowledge and history and providing additional technical perspective in sustainability and environmental areas, and serve as the second point of contact when necessary.

Both Ms. Quinn and Ms. Reznar would be committed to this project for its full duration, through client acceptance of the final deliverables. Our proposed Project Management Team is currently serving in these exact roles in the preparation of a Sustainable Master Plan for Tampa International Airport and have an extensive history of working closely in the management and delivery of various technical and environmental projects.

Our Project Management Team would also be supported by our designated Officer-in-Charge, Mr. Pete Ricondo. In this role, Mr. Ricondo would be responsible for the ultimate quality and timeliness of the services provided by the R&A Team, as well as all contractual matters, including ensuring that DBE participation goals are achieved.

In the role of Project Manager, Ms. Quinn's extensive and comprehensive experience on a variety of aviation projects provides an established foundation for the delivery of a successful airport Sustainability Management Plan for Fort Lauderdale Executive Airport. A professional engineer licensed in Florida, Illinois, and Pennsylvania, Ms. Quinn has 30 years of experience in conducting and managing airport design and planning projects. Her experience includes master planning, airfield planning, airport utility master planning, airside infrastructure planning, terminal and facility planning, environmental analyses, construction operations analyses and phasing, and aircraft parking and maneuvering analyses. Her

primary responsibilities have included project management and the delivery of technical and environmental services including master plan studies for Denver and Chicago O'Hare International Airports. In addition, Ms. Quinn has performed and managed R&A's on-call planning services for over 20 years at Chicago, Cleveland, Denver, and El Paso International Airports, encompassing the delivery of numerous planning studies, the management of multi-disciplinary planning efforts, and the preparation of environmental documentation.

The breadth and depth of her experience make Ms. Quinn particularly well-suited to manage the preparation and delivery of the Airport Sustainability Management Plan Study for Fort Lauderdale Executive Airport. She is experienced in managing diverse and multidisciplinary teams, leveraging their specialized capabilities and local and industry experience to develop successful and effective outcomes for airport clients. Specifically, Ms. Quinn has served as project manager on numerous relevant studies of the last 5 years. Following is a representative sample of these projects:

- Sustainable Master Plan, Tampa International Airport (Completion: June 2014)
This project consists of the preparation of a Sustainable Master Plan, Sustainability Management Plan, and Design Criteria Document. As Project Manager, Ms. Quinn is leading a team of 4 subconsultants supporting R&A in the delivery of this project.
- Master Plan Update, Denver International Airport (Completion: April 2012)
This project encompassed the preparation of a master plan study and supporting targeted analyses. As Project Manager, Ms. Quinn led a team of 14 subconsultants supporting R&A in the delivery of this project. In the latter stages of this project, Denver International Airport initiated the preparation of a Sustainability Management Plan under the FAA's Pilot Program which Ms. Quinn supported by providing strategic guidance and input. Ms. Quinn's role and involvement in this project provided for a unique understanding of the benefits and challenges associated with making sustainability a priority in the long-range planning and operational framework of an airport.
- Revenue Advising Services, Denver International Airport (Completion: October 2016)
This project encompasses the provision of technical, financial, and related environmental planning services in support of Denver International Airport's prioritization of increasing non-airline revenue generation. As Project Manager, Ms. Quinn is leading a team of 7 subconsultants supporting R&A in the delivery of the on-call services provided under this project.

Ms. Reznar has extensive experience in the performance and management of multiple sustainability and environmental projects. Following is a representative sample of these projects undertaken over the last 5 years:

- Sustainable Master Plan, Tampa International Airport (Completion: June 2014)
As described above, this project consists of the preparation of a Sustainable Master Plan, Sustainability Management Plan, and Design Criteria Document. As Deputy Project Manager, Ms.

Reznar is involved in and supports the Project Manager on all aspects of the project. Specially, she handles the administrative functions of the project, and is leading the identification and evaluation of sustainability initiatives, and preparation of the implementation/management plan.

- Sustainability Management Update, Denver International Airport (Completion: August 2013)
As Deputy Project Manager, Ms. Reznar supported R&A efforts in leading a team of 7 subconsultants in preparing a Sustainability Management Plan under the FAA's Pilot Program. Ms. Reznar was responsible for the administrative management of the team; led development of the sustainability baseline, sustainability initiatives identification, and reporting; prepared report documentation; and facilitated development of project messaging brochures and summary materials.
- NEPA On-Call Consulting Services, City of Phoenix Aviation Department (Completion: April 2014)
This on-call project covers the provision of services related to preparing categorical exclusions, environmental assessments to comply with Federal Aviation Administration Orders 1050.1E and 5050.4B for implementing the National Environmental Policy Act (NEPA), analyzing impacts related to "Special Purpose Laws," conducting interagency coordination with agencies. As Project Manager, Ms. Reznar is leading a team of 5 subconsultants supporting R&A in the delivery of the on-call services provided under this project.

This proposed Project Management Team structure provides the requisite management capability, technical depth, industry perspective, and broader national experience to the delivery of the Fort Lauderdale Executive Airport Sustainability Management Plan.

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6. Approach to Scope of Work

6.1 Proposed Vision, Ideas and Methodology

The City of Fort Lauderdale (the City) has clearly articulated a vision for the community, one that encompasses social responsibility, environmental sensitivity, and financial viability. The City's Vision Plan, Fast Forward Fort Lauderdale 2035, reflects the community's appreciation for both the intrinsic strengths and benefits of Fort Lauderdale, but also the challenges the City will face as it continues to grow and adapt, in population, in diversity, in supporting businesses and industries, culturally, and recreationally. The City has a vision for a cohesive, unified, positive, and balanced future, as articulated in the following documents:

- *Press Play Fort Lauderdale 2018*, the City's strategic plan, advances the City's vision through the achievement of the inspirational goals established in that plan. Goals articulated in the strategic plan recognize that as part of the Transportation and Mobility Department of Public Works, the Fort Lauderdale Executive Airport (FXE or the Airport) has a role in transportation infrastructure and connectivity, both critical to organized and responsible growth in the region. The Airport can also take a leading role in implementing sustainable design and construction practices through the Airport's Capital Improvement Program. In these and other ways, the Airport plays an important role in the City's prioritization of sustainability.
- Similarly, the *City's Sustainability Action Plan (SAP)* supports the strategic planning process with the identification of specific goals and foundational initiatives. As the City's sustainability accomplishments grow and understanding of sustainability opportunities evolves, an environment of continuous improvement will underpin the City of Fort Lauderdale's decision-making processes throughout the organization.

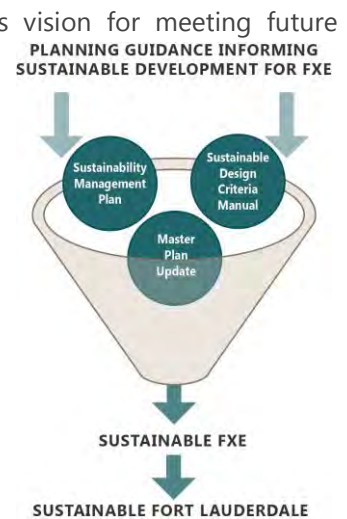
As part of the Transportation and Mobility department of Public Works, the Airport has the opportunity to demonstrate commitment to the City's sustainability priorities and vision through the development and implementation of a sustainability management plan. This plan will guide the Airport in policies, procedures, operations, maintenance, procurement, planning, design, and construction that support and prioritize sustainability, as well as identify specific initiatives to help achieve the Airport's and more broadly the City's sustainability goals.

Although part of the City, the unique operating environment at the Airport and the associated unique challenges and opportunities often set it apart from other City departments. Furthermore, airport activities are, in many instances, regulated by the Federal Aviation Administration (FAA). Therefore, initiatives defined to accomplish sustainability goals must reflect the environmental, operational, and regulatory environment that is unique to an airport, but yet also align with and reinforce the City's sustainability priorities and goals.

As one of the busiest general aviation airports in the United States, Fort Lauderdale Executive Airport’s 2010 Strategic Business Plan and Master Plan Update (MPU) provide a roadmap for the future of the Airport as activity continues to grow, meeting aeronautical and related demand. The Airport plays a role in an integrated transportation network, locally, regionally, and nationally, and supports the local business community. The preparation of a Sustainability Management Plan (SMP) would provide the Airport with a forward-looking, progressive approach to implementing that future vision, maintaining the Airport’s viability as a key component of the broader aviation system, but doing so in a manner that is environmentally sensitive, socially responsible, and financially viable.

6.2 Proposed Approach to Project

The R&A Team understands that the 2010 MPU represents the Airport’s vision for meeting future aeronautical needs and accommodating future non-aeronautical opportunities. The FXE SMP would be a stand-alone document, focusing on the sustainability of proposed development in the MPU. The R&A Team views the SMP, which includes a Sustainability Management Plan and a Sustainable Design Criteria Manual, as complementing the MPU. These three planning guidance components would collectively inform sustainable development at the Airport. This approach to development would enhance the Airport’s ability to meet projected aeronautical growth by guiding sustainable development of anticipated near-term projects, infusing sustainability into decision-making on longer-term projects, and setting a course to run the Airport in a more sustainable manner.



The R&A Team is knowledgeable about and experienced with the FAA’s Sustainable Master Plan Pilot Program guidance, which defines planning frameworks for two types of sustainability planning studies in its recently issued *Report on the Sustainable Master Plan Pilot Program and Lessons Learned* (December 17, 2012)—one for Sustainable Master Plans and one for Sustainable Management Plans. Given the Airport’s timing on completing its MPU and its comprehensive approach to sustainability planning, the R&A Team proposes a customization of

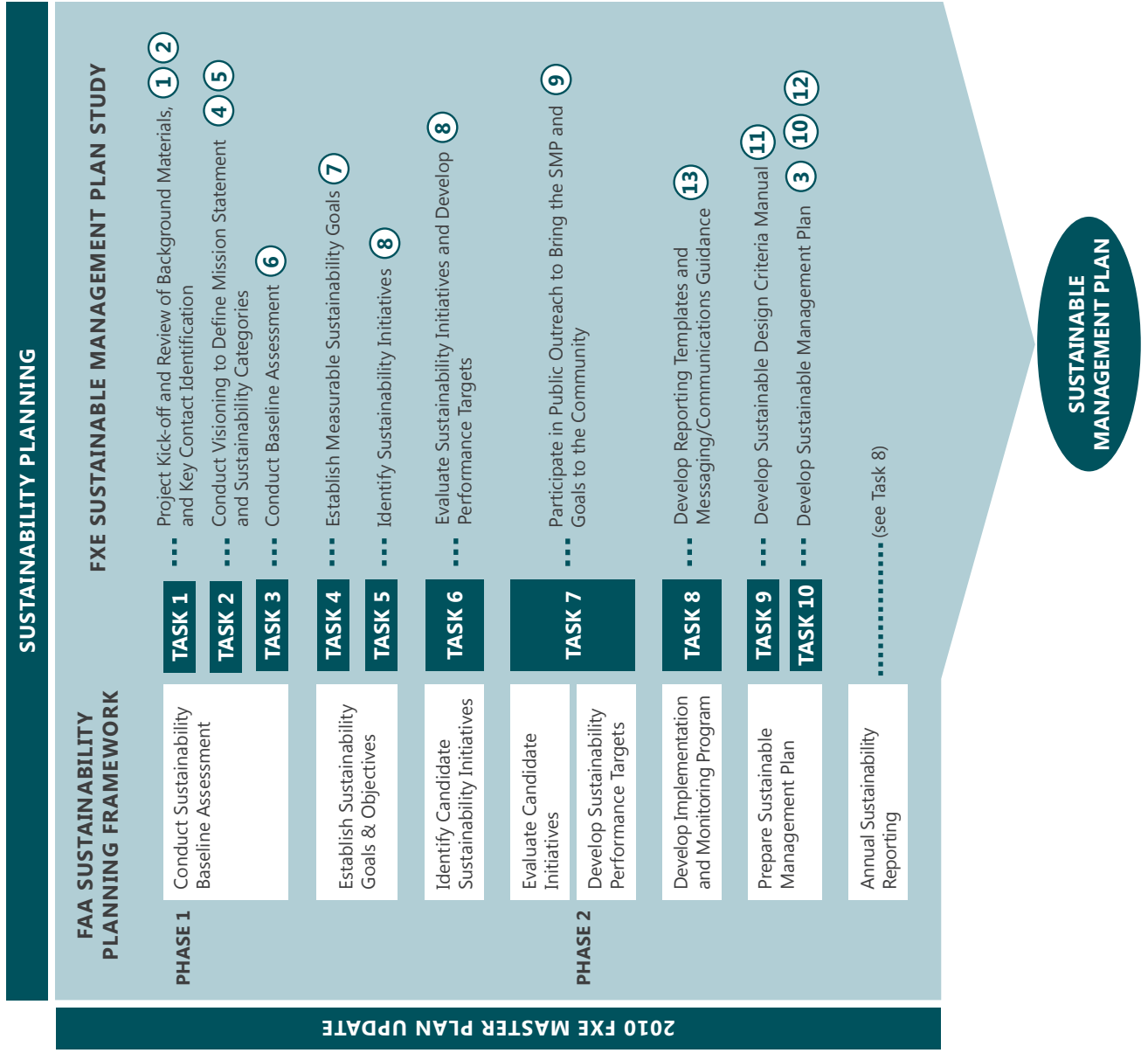


the FAA's suggested sustainability planning frameworks so that we would be able to tailor an approach that effectively accomplishes the Airport's desired outcomes for the SMP. Therefore, rather than follow the FAA's framework guidance for Sustainable Master Plans, which would entail revisiting the MPU inputs and decisions to validate or revise recommendations, the R&A Team would follow the Sustainable Management Plan framework to develop the FXE SMP. The SMP would interpret the MPU through a "sustainability lens," set forth the Airport's sustainability vision, goals, operational initiatives, and management/communications actions in the Sustainability Management Plan, and define an implementation tool to guide sustainable project design in the Sustainable Criteria Design Manual. Together, the MPU and complementary SMP would guide long-range development decisions that align with the City's sustainability vision for the Airport.

The application of a sustainability lens to airport development recommendations could add the following sustainable development perspectives and enhancements to the current MPU:

- Enhance MPU recommendations through consideration of emerging issues not always considered in a traditional master plan, such as climate change adaptation and energy resilience (i.e., the ability to withstand supply disturbances);
- Align the MPU with the City's sustainability vision and priorities, such as increasing emphasis on facility optimization to create a solid foundation for sustainability planning;
- Demonstrate the Airport's commitment to the stewardship of environmental and social resources to oversight agencies by having a clearly defined approach to considering, implementing, tracking, re-evaluating, and reporting on the sustainability of MPU projects from planning through construction and beyond; and
- Increase opportunities to identify grant funding or other funding sources for projects.

Drawing upon our Team's expertise, the R&A Team proposes a customized approach to the FXE SMP. Using the MPU as a foundation for the Airport's aeronautical planning needs, the R&A Team has identified specific tasks that synthesize the scope elements and outcomes articulated in the City's Request for Qualifications (RFQ) with the FAA's sustainability planning framework outlined in the Report on the Sustainable Master Plan Pilot Program and Lessons Learned. However, because an effective sustainability plan must reflect the priorities and challenges that influence an individual airport and community, the defined approach should demonstrate an understanding of the FAA's framework as well as how that framework can be tailored to meet the specific needs of that airport. The R&A Team believes that its customized approach would enhance project outcomes in a manner that best serves FXE's immediate and long-term sustainability planning needs and interests. The **Project Approach Overview** graphic on the following page illustrates the proposed 10 tasks, demonstrates the relationship of these tasks to the scope elements defined in the City's RFQ, and correlates the tasks to the FAA's sustainability planning framework.



SCOPE ELEMENTS IDENTIFIED IN THE RFQ

- Review of most current FAA guidance for an Airport Sustainable Management.
- Work with a Sustainability Committee established by FXE to identify key contacts for baseline assessments and for consultation during SMP Development.
- Development of a written Sustainable Management Plan and definition of the methods and medium for the communication of the Plan to airport employees, tenants, and the community.
- Develop Sustainability Mission Statement.
- Define the range of sustainability categories/activities conducted at FXE to be addressed in the planning process and incorporated into the Plan along with existing sustainability activities of tenants.
- Conduct a baseline inventory or assessment of each defined sustainability category.
- For each sustainable category, establish measurable goals to minimize the impact of energy consumption and to reduce FXE's overall environmental footprint.
- Identify and describe a range of specific sustainability initiatives/actions to help FXE achieve each set goal.
- Participate in public outreach meetings to describe the proposed Sustainability Management Plan and goals, and sustainability measures to the community.
- Develop a draft Sustainable Management Plan for review.
- Develop a Sustainable Design Criteria Manual, for capital development.
- Develop a final Sustainable Management Plan.
- Other services necessary to complete the project.

A discussion of the approach to each proposed task follows. . The R&A Team would work closely with the City to define a final scope for the FXE SMP that aligns with the FAA's guidance, recognizes the lessons learned from sustainability plans completed through the FAA's pilot program, and most importantly, reflects the City's priorities and perspectives while also integrating with existing City sustainability plans. Under the Transportation and Mobility division within the City of Fort Lauderdale's Public Works Department, the Airport's SMP has the opportunity to expand on and reinforce the City's sustainability vision. The City of Fort Lauderdale's *Sustainability Action Plan, Press Play Fort Lauderdale 2018* (Strategic Plan), and *Fast Forward Fort Lauderdale 2035* (Vision Plan) would provide valuable input to the Airport's SMP and, in turn, the findings and lessons learned during development of the Airport's SMP could inform future updates to these plans. A brief discussion of representative tasks in our conceptual planning approach follows.

R&A's only business interest is airport and aviation planning services – we take a practical, collaborative approach to projects, working with our clients to address the issues unique to each airport in a manner that best suits each client's needs. FXE can rely on R&A to deliver an SMP within the context of the FAA's guidance that is best-suited to meet the

TASK 1

[RFQ Scope Elements 1 and 2]

Project Kick-off and Review of Background Materials, and Key Contact Identification

The purpose of this task would be to hold a project kick-off meeting and review relevant materials to establish a context for the SMP and facilitate identification of key contacts for the project. The context would be derived from an understanding of general City priorities and staff support and involvement, and from the broader context between the Airport and sustainability in the aviation industry. In preparation for and during the kick-off meeting, the R&A Team would:

- Summarize key findings of the FAA's sustainability planning guidance and highlight issues and lessons relevant to development of the FXE SMP.
- Request a high-level overview of the MPU recommendations and implementation status from Airport staff to inform the R&A Team's review of the document.
- Facilitate development of a preliminary list of the Airport's sustainability interests (water quality, greenhouse gases, community outreach, etc.), to be refined in subsequent tasks.
- Work with the Sustainability Committee identified by the Airport to identify key contacts for baseline assessments (anticipated to be those FXE staff with responsibilities that are likely to influence aspects of the Airport's sustainability goals and those responsible for maintaining information related to the development of the SMP) and key stakeholders that would be consulted during the development of the SMP.

R&A was a leader in the development of the SAGA database, participated in research for several ACRP sustainability research projects, and has a strong understanding of best sustainability planning practices at small and large U.S. airports, as well as international airports. The R&A Team would efficiently and effectively establish a context for conducting the SMP for Fort Lauderdale Executive Airport.

- Discuss approaches to gain support from Airport senior staff for the SMP, as senior staff buy-in and commitment to the planning process is critical to the ultimate success of the SMP. As appropriate, approaches to gain support from the Airport Advisory Board would also be addressed.
- Define the scope of benchmarking and review beyond the City and the Airport, considering both local and regional sustainability efforts, as well as efforts and best practices within the aviation industry.

TASK 2**[RFQ Scope Elements 4 and 5]****Conduct Visioning to Define Mission Statement and Sustainability Categories**

The purpose of this task would be to define a comprehensive and durable vision of sustainability at FXE, develop a mission statement that articulates the Airport's plan to achieve that vision, and identify activities (including tenant activities) and sustainability categories that would be addressed in the SMP. Visioning relies on stakeholder input to ensure that the SMP captures sustainability categories that the City understands well and has the greatest ability to implement.

Drawing from the sustainability context developed in Task 1, the R&A Team would lead visioning (i.e., brainstorming) workshops with the Sustainability Committee and appropriate stakeholders, such as tenants, to identify sustainability categories of interest. While the R&A Team would begin with the thirteen categories presented in the RFQ, we would also explore whether additional or alternate priorities or sustainability categories warrant inclusion, based upon input from stakeholders and the public and further discussions with the Sustainability Committee.

The R&A Team would work with the Sustainability Committee to ensure that the sustainability vision, mission, priorities, and goals capture the Triple Bottom Line approach and align with overall sustainability vision of the City of Fort Lauderdale. Input from *Fast Forward Fort Lauderdale*, the *Municipal Sustainability Plan*, *Press Play Fort Lauderdale 2018*, and the *City's Sustainability Action Plan*, as well as other documents and studies, such as the Southeast Florida *Regional Climate Action Plan* completed in 2012, would also be used to assist in the final definition and refinement of the sustainability goal categories.

Due to our experience at FXE (supporting the master planning update), our experience in aviation sustainability, and our experience in the development of sustainable management systems and reporting, the R&A Team is uniquely qualified to evaluate categories and work with FXE to identify those that best align with airport priorities and advance measurable sustainability gains/performance while improving Airport operations and financial performance.

The R&A Team expects that separate visioning workshops would be conducted with the Sustainability Committee members and with Airport stakeholders, such as tenants. Additionally, a public visioning session could be conducted to incorporate perspectives from the Fort Lauderdale community early in the project. The R&A Team would then work with the Airport staff to review stakeholder input and identify those sustainability categories that the Airport understands well and has the greatest ability to affect as it implements both its MPU and eventually, its SMP.

The R&A Team would include consideration of management reporting frameworks such as the Global Reporting Initiative (GRI) Airport Operators Sector Supplement (AOSS) during the identification of sustainability goal categories. Considering these frameworks during category definition and early

planning would allow the Airport to consider those categories that are tracked by other airports nationally and internationally and can inform best practices in terms of developing a sustainability management plan.

The R&A Team would synthesize the input received from the visioning sessions, and develop a draft sustainability mission statement, sustainability vision, and sustainability goal categories. The Team would present this information to Airport staff and ultimately Airport senior staff and the Airport Advisory Board (if appropriate) for review and approval.

TASK 3

[RFQ Scope Element 6]

Conduct Baseline Assessment

For each of the categories defined in Task 2, the R&A Team would compile qualitative and quantitative data to establish a baseline against which future sustainability performance could be measured. Examples of potential baseline information that may be captured include environmental data, such as quantities of pollutant emissions, waste generated, and energy used (e.g., electricity bills, fuel usage); economic data such as economic benefits generated by the operation of FXE and the costs of operating FXE; and social data such as measures of FXE employment and community interaction. The R&A Team would also capture sustainability initiatives implemented or under way at FXE and information on associated benefits, where available, as well as sustainability policies and procedures implemented by the Airport and existing information on sustainability requirements defined in the Airport's and City's design specifications/guidelines and construction bid documents. This baseline would include Airport tenant information, where practical.

The data gathering phase of SMP projects can be labor intensive. The R&A Team is experienced in the development of sustainability information systems, whether they are customized Excel spreadsheets or commercially available software products. We would select an appropriate and effective platform for data management for both the project and for ongoing management and reporting, should that be desirable to FXE.

Baselining is a critical step to ensuring that the goals the Airport establishes are measurable (quantitatively or directionally) and realistic. "Stretch goals" can be important to an SMP, but measurable and achievable goals are necessary to ensure that the Airport has an SMP that guides future actions and allows FXE staff to assess their own sustainability progress over time

Mechanisms for baseline data collection may include online surveys, telephone interviews, email requests, and/or survey forms, and would likely involve follow-up interviews with select individuals or tenant organizations to clarify and further explore responses.

In addition to an existing conditions baseline, the R&A Team would establish a future baseline year that aligns with the MPU forecast planning horizon to develop a baseline against which SMP enhancements can be quantified.

TASK 4**[RFQ Scope Element 7]****Establish Measurable Sustainability Goals**

For each of the sustainability categories defined in Task 2, the R&A Team would work with the Sustainability Committee to define measurable, time-based goals against which the Airport can track progress towards goal achievement. As part of this task, the R&A Team would evaluate the gap between the Airport's baseline and that of comparable organizations. It is anticipated that goals would correlate to the MPU planning horizon year(s) and potentially to other relevant City, local, or regional sustainability goals or strategic milestones related to sustainability performance against which the Airport would like to track its own performance goals. Consideration would be given to the degree to which the Airport's sustainability goals may align with local and regional initiatives.

Measurable goals allow for quantitative tracking of progress towards goal achievement. However, if the Airport desires to develop a goal for a less familiar category or one that has not been measured or tracked in the past, the R&A Team would encourage consideration of a goal that "swings the pendulum in the right direction" such as "reducing use" of a resource. While such goal may not be measurable or time-based, it is a valuable first step in goal development as an organization builds knowledge about the topic.

The R&A Team would draft candidate goals and facilitate a work session with the Sustainability Committee to review the candidate goals and develop measurable goals for FXE. The R&A Team would synthesize the input from the Sustainability Committee and compile a draft set of measurable sustainability goals, for review and ultimately adoption by the Airport.

TASK 5**[RFQ Scope Element 8]****Identify Sustainability Initiatives**

The R&A Team would conduct meetings with members of the Sustainability Committee to identify and explore sustainability initiatives, policies, and procedures to position the Airport to work toward achieving each sustainability goal. The R&A Team, drawing on our extensive experience in defining sustainability initiatives for the aviation industry, would strive to elicit ideas from Airport staff members on potential initiatives and present initiatives for consideration.

The R&A Team expects to cover a wide range of topics in these discussions:

- Identify initiatives to complement the MPU recommendations, to enhance sustainable attributes of defined MPU projects, to potentially offset effects of MPU development, and/or to defer the need for development.
- Identify initiatives to improve the sustainability performance of the Airport as well as policies and procedures to manage the ongoing implementation of and communication about sustainability planning

The R&A Team has extensive experience defining sustainability initiatives for the aviation industry through leadership in developing Chicago O'Hare International Airport's Sustainable Airport Manual, the SAGA database, and ACRP sustainability projects, such as ACRP Report 42: Sustainable Construction Practices, ACRP Report 80, Incorporating Sustainability into Traditional Airport Projects, and ACRP Project 02-30: Enhancing the Airport-Industry SAGA Website (currently under way).

at FXE, including a process for continual improvement. Initiatives may address topics such as, but not limited to, Airport operations and procedures, storm water management, water conservation, land use options, facility construction and development, energy conservation, aircraft operational procedures, hazardous materials, noise abatement, sea-level rise, and recycling activities.

TASK 6

[RFQ Scope Element 8]

Evaluate Sustainability Initiatives and Develop Performance Targets

The R&A Team would evaluate candidate sustainability initiatives and identify initiatives to incorporate into the FXE SMP and related sustainability documents. The R&A Team has the expertise to quantify the benefits of the candidate initiatives, ranging from financial considerations, such as cost-benefit analyses,

The R&A Team is well equipped to help identify those initiatives that will benefit FXE while also benefiting the environment and community (i.e., improving environmental and social performance). Whether in prioritizing energy conservation measures or new sustainability initiatives, our Team can work with FXE to evaluate the portfolio of sustainability initiatives and rank and score them to their overall effectiveness and their ability to succeed and add value to FXE.

total cost of ownership, and return on investment analyses, to other considerations, such as quantity of waste diverted from landfills and related savings, energy savings, emission reductions, and benefits to the community. Quantifying benefits across the triple-bottom line of economics, environmental, and community/social priorities aids in the identification of those robust sustainability initiatives that present shared value outcomes to multiple stakeholder interests. The R&A Team would quantify the effects of candidate initiatives and score initiatives in a manner reflective of the Airport's values and priorities to inform the decision-making process regarding which initiatives are best to pursue.

The evaluation process developed under this task could form the basis for a tool that the R&A Team would develop for the Airport to evaluate future sustainability initiatives under consideration or the sustainability benefits of its capital projects. For example, an evaluation tool could be in the form of a spreadsheet into which staff enter sustainability projects and complete required evaluation criteria to rank initiatives. Or, an evaluation tool could be in the form of additions of sustainability criteria to the Airport's capital project evaluation process such as the quantification of energy use/savings to inform the capital expenditure decision-making process.

TASK 7

[RFQ Scope Element 9]

Participate in Public Outreach to Bring the SMP and Goals to the Community

Engaging and collaborating with stakeholders during sustainability planning are critical to building ownership in the plan, and provide the benefit of raising awareness as stakeholders share ideas and learn from each other. The R&A Team understands the importance of gaining early buy-in of all project participants, and of effectively engaging participants at appropriate points. Stakeholder engagement is most effective when multiple mechanisms are used to maximize exposure and opportunity for input.

To be effective, stakeholder involvement opportunities should build interest in the planning process, provide a means to continue the "stakeholder dialog," and align with the expectations of the targeted groups and individuals. Interactive engagement tends to yield the most meaningful and insightful input.

The R&A Team would assist the City, the Airport, and the Sustainability Committee in defining a public outreach approach and strategy to ensure comprehensive and engaging stakeholder involvement. These can include small group breakout sessions with facilitated discussions at scheduled workshops/meetings, the use of keypad voting (e.g., TurningPoint), directed online surveys (e.g., to tenants and business partners of the Airport), and ongoing polling questions (e.g., a “question-a-day” on the Airport’s website or via social media that provide means to collect information on specific topics) to prioritize discussion topics (goals, organizational and community priorities, etc.). Partnering is also an effective way to maximize stakeholder involvement, leveraging relationships with community/neighborhood groups, educational institutions, business organizations, and other relevant entities to expand exposure to potential stakeholders throughout the planning process.

An early step in sustainability planning is the definition of the stakeholder engagement process and identification of targeted audiences to ensure that the opportunities for involvement begin early and continue through release of the final project materials—building ownership for the plan to support its implementation.

TASK 8

[RFQ Scope Element 13]

Develop Reporting Templates and Messaging/Communications Guidance

As this project would include the monitoring and reporting needs and procedures to facilitate reporting to the Airport’s internal and external stakeholders, the R&A Team would develop a sustainability report card or similar communication tool that would serve to rate the Airport and present factual information to report on the Airport’s progress towards achieving its sustainability goals. The R&A Team would work with the FXE Project Manager to ensure that the communication tool is appropriate and that the content is comprehensive, easy to prepare and update, and clearly communicates the progress being made in sustainability initiatives at the Airport.

The R&A Team understands the unique opportunity that the SMP provides in proactively highlighting FXE’s efforts to operate in a sustainable manner that recognizes the relationship of the facility to the local community, economy, and environment. R&A Team member Dickey Consulting Services has separately supported the master plan team in public outreach and communication efforts, providing an opportunity to carry that message forward by linking it to the SMP.

TASK 9

[RFQ Scope Element 11]

Develop Sustainable Design Criteria Manual

In support of the Airport’s sustainability goals, the R&A Team would compile a Sustainable Design Criteria Manual as part of the SMP to inform capital project development. R&A Team members have been leaders in the development of sustainable design standards for aviation, including the Chicago O’Hare International Airport’s *Sustainable Airport Manual* and ACRP Report 42: *Sustainable Construction Practices*. Our expertise in developing sustainable design manuals and working with various green building rating systems for the aviation industry as well as other industries would ensure that, rather than developing an overly rigid manual based on guidance not always appropriate in an airport setting, we would develop guidance that can productively inform and guide the sustainable development of any capital project.

The R&A Team would provide guidance on sustainability enhancements to capital projects through the review of relevant aspects of various green building rating systems, use of tools such as checklists, as well as define a process for implementation of the Sustainable Design Criteria Manual, such as through the development of project review procedures.

TASK 10

[RFQ Scope Elements 3, 10, and 12]

Develop Sustainability Management Plan

The R&A Team would develop a Sustainability Management Plan incorporated into the SMP that provides sustainability management guidance to the Airport on policies, procedures, operations, maintenance, procurement, planning, design, and construction as well as identifies specific initiatives to help achieve FXE's sustainability goals. The Sustainability Management Plan would also define process changes and tools to implement the SMP. The Sustainability Management Plan would serve as the focal point of the Airport's sustainability planning efforts, defining the path to implementation of the sustainability initiatives, including ownership responsibilities, performance monitoring templates to guide the tracking and measuring of performance. The Sustainability Management Plan would also include reporting templates and message and communication guidance, developed in Task 8, to promote and communicate sustainability in a manner best suited to FXE.

Members of the R&A Team have prepared sustainability plans for Denver International Airport, Ithaca Tompkins Regional Airport, Fresno Yosemite International Airport, Kent State University Airport, and Salt Lake City (underway), all conducted under the FAA's Sustainable Master Plan Pilot Program. We understand that the value added to an airport undertaking sustainability planning lies not only in the sustainable initiatives identified during plan development but in the definition of a tailored process for the airport operator to adopt self-sustaining management practices to ensure longevity of this endeavor.

Because one purpose of the SMP would be to enhance the Airport's ability to grow without creating adverse effects on the environment and the community, the SMP would align and characterize the MPU development recommendations with the Airport's sustainability vision and priorities to create a solid foundation for sustainability planning. It would also identify long-term enhancements to MPU recommendations or additional sustainability initiatives to offset development effects and put FXE on a path to achieving its sustainability goals while serving the aeronautical needs through planned development defined in the MPU.

The R&A Team would develop the Sustainability Management Plan in an evolutionary manner so that the framework of the document is established early in the planning process and subsequently populated as milestones in the planning process are achieved. A draft Sustainability Management Plan would be circulated for review, initially within the Sustainability Committee. Following the Committee's review, the draft SMP would be shared with appropriate and interested stakeholders (e.g., Airport staff, tenants, others) and significantly, the City of Fort Lauderdale's Sustainability Advisory Board (SAB). Involving the SAB, with its focus on establishing the City of Fort Lauderdale as a leader in environmental sustainability, in review of the draft FXE SMP may facilitate the identification of opportunities to link this plan with other City sustainability programs and initiatives that are planned or have been implemented.





Following the reviews of the draft SMP, the document would be finalized. As well as specifically and uniquely presenting a plan for infusing sustainability into the Airport's planning, development, and operation, the FXE SMP would demonstrate alignment with City, County, regional, and industry sustainability criteria. Additionally, alignment with International Standards Organization (ISO) 9001, which addresses quality management, and ISO 14001, which addresses environmental management, would integrate a systematic planning and implementation approach into sustainability management at FXE to support organizational efforts to continually improve performance. While FXE may not initially elect to pursue ISO 9001 or ISO 14001 certification, structuring the SMP to support a systematic management approach would help ensure that the Airport is positioned to effectively initiate that process when ready.

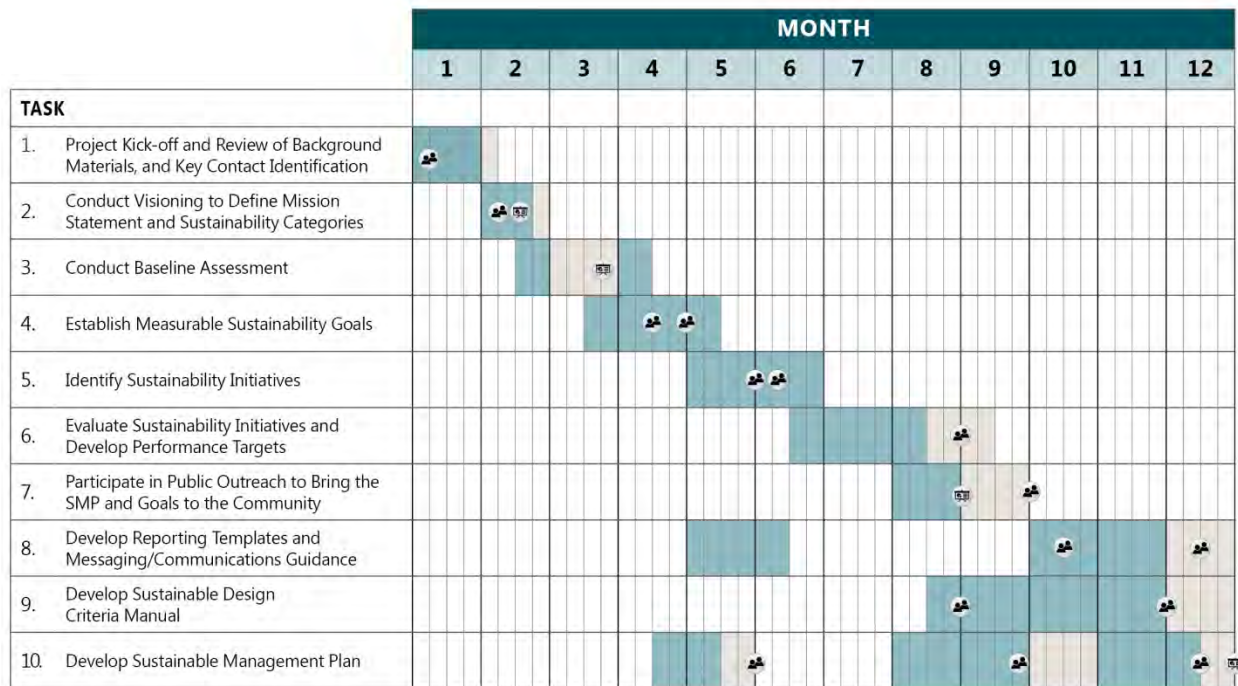
6.3 Proposed Schedule

The R&A Team's Proposed Project Schedule, shown on **Exhibit 6-1**, is structured to deliver the Sustainability Management Plan within a 12-month period, including all deliverables. The Proposed Project Schedule depicts parallel efforts for development of the Sustainability Management Plan and the Sustainable Design Criteria Manual, with both components being constructed from the six initial tasks defined for the project. Understanding the scope and the objectives of the sustainability planning process, and reflecting our experience on comparable projects, a 12-month duration is appropriate for completion of a Sustainability Management Plan. This Proposed Project Schedule includes each of the tasks outlined in our Project Approach, as well as key meetings and interactive review/coordination periods with Airport staff and anticipated public and stakeholder outreach milestones. Additional tasks for intermediate deliverables, coordination meetings, and decision points would be added to the Proposed Project Schedule after development of the detailed work plan and in coordination with the Airport and Sustainability Committee to ensure that it meets the organization's overall objectives and schedule. The intermediate milestones would be critical to the overall success of the project by ensuring that relevant stakeholders are aware of when input and decisions are required to keep the project on track and also by allowing project activities to synchronize with other City sustainability milestones or initiatives that may be relevant during the course of the project.

The schedule reflects the R&A Team's belief that the strength and usefulness of the Sustainability Management Plan would be enhanced by the continuous involvement of Airport staff throughout the project, and that its effectiveness would benefit from buy-in by senior staff and support from the Airport Advisory Board on the vision, mission, and goals established for the project. Similarly, stakeholder and public outreach are reflected in the schedule, recognizing that the input gathered at these key points would inform subsequent steps in the SMP process. We envision the completion of two deliverables (SMP and Sustainable Design Criteria Manual) simultaneously at the conclusion of the project, supported by messaging defined to provide the Airport with tools for implementing the plans and for proactively communicating the attendant benefits and opportunities.

Exhibit 6-1: Proposed Project Schedule

| KEY | |
|---|---|
|  | Task Duration |
|  | Interactive Review/ Coordination with the Authority |
|  | Key Airport (FXE Sustainability Committee) Meeting |
|  | Interactive Outreach with Stakeholders and/or Public |



6.4 Current Workload

6.4.1 PROJECT MANAGEMENT TEAM

R&A only pursues projects for which we can commit personnel with the appropriate expertise and adequate availability to see the project through to completion, most importantly for the proposed project management team. R&A assures the City of Fort Lauderdale that our proposed project management team (Colleen E. Quinn, Project Manager and Lisa M. Reznar, Deputy Project Manager) have adequate availability to complete the Fort Lauderdale Executive Airport Sustainability Management Plan. **Table 6-1** below lists the current assignments for these individuals.

Table 6-1: Current Workload of the Proposed Project Management Team

| INDIVIDUAL AND PROPOSED ROLE | CURRENT WORKLOAD DETAILS | ASSOCIATED ROLE |
|--|--|--|
| Colleen E. Quinn, P.E. Project Manager | Tampa International Airport Sustainable Master Plan Status: Underway Completion: June 2014 | Project Manager |
| | Dublin International Airport (Dublin, Ireland) Airfield Master Plan Status: Underway Completion: July 2014 | Airfield Planning and Sustainability Task Leader |
| | Denver International Airport On-Call Planning Status: Underway Completion: October 2016 | Officer-in-Charge |
| Lisa M. Reznar Deputy Project Manager | Tampa International Airport Sustainable Master Plan Status: Underway Completion: June 2014 | Deputy Project Manager |
| | Vero Beach Municipal Airport Sustainable Master Plan Status: Underway Completion: 2015 | Sustainable Master Plan Task Leader |
| | Phoenix Department of Aviation On-Call NEPA Services Status: Underway Completion: April 2015 | Project Manager |

Supporting the Project Management Team, the individuals identified in the Proposed Project Organization have the availability to commit the time necessary to ensure that high quality, meaningful, and successful results are delivered. The R&A Team has designated key staff to serve on the project based on their availability and their experience and expertise in sustainability planning as well as other technical areas required to deliver the Sustainability Management Plan. It is R&A's practice that staff resources presented to our clients as part of a Proposal or Statement of Qualifications (SOQ) are committed, responsive, and

available to that client throughout the project and until the deliverables associated with the project are successfully completed to the client's satisfaction.

Our proposed Project Management Team for the FXE Sustainability Management Plan project is delivering a Sustainable Master Plan (including a Sustainability Management Plan and Sustainable Design Criteria Document) in June 2014. While these individuals are involved in less intensive roles on other projects, both would be available to commit, in identical roles to those they play on the current sustainability planning project at Tampa International Airport, to the delivery of the FXE Sustainability Management Plan.

During the course of the FXE Sustainability Management Plan project it is envisioned that various Team members would be fully engaged (100 percent commitment) for the periods when their specific project element is underway. These periods would extend for weeks or longer depending on the specific task. However, even when not fully committed to the delivery of a specific task, key personnel identified in our Proposed Project Organization would remain engaged with and available to the R&A Team for ongoing sustainability planning efforts.

6.4.2 FIRM WORKLOAD

The R&A Team is positioned to efficiently and effectively complete the Scope of Work for this project as described in our Project Approach. R&A's primary focus is on providing the highest level of responsiveness, knowledge-based creativity, and expertise to meet Fort Lauderdale Executive Airport's needs. R&A has an established reputation for providing on-demand consulting and management services for airports throughout and outside the United States. Much of R&A's success can be attributed to its ability to effectively manage resources, respond quickly, integrate resources within and outside the firm, and ensure the quality and timeliness of the services rendered by staff and team members.

As stated in the previous section, the individuals proposed to provide the requested services have the availability to commit the time necessary to ensure that successful results are delivered. It is R&A's practice that staff/resources presented to our clients as part of a proposal or SOQ are committed, responsive, and available to that client throughout the term of the contract and until the deliverables associated with the project are successfully completed to the client's satisfaction.

R&A only targets prospective projects that we have the necessary expertise and availability of key personnel to successfully deliver. We prioritize our projects commitments to ensure that new assignments are not undertaken without a clear understanding of how we would allocate resources to accomplish the work. R&A's philosophy is to allocate the most appropriate resources for every assignment regardless of physical location. We have developed an effective process of assigning workload and coordinating work efforts companywide to facilitate this approach. R&A prides itself on embracing our clients' specific needs on every assignment, effectively leveraging our resources, and meeting expectations on each assignment.

To this end, R&A has established a planned staff time (PST) process to ensure appropriate staff planning and that the necessary staff resources are available as needed to meet project requirements and

schedules. As part of the process of activating a project in our accounting system, Project Managers are required to enter PST for the entire project into the system to reflect the required and budgeted labor resources for the full duration of the project, on an individual task basis. Further, Project Managers must review PST on a weekly basis and make adjustments to reflect any changes in scope or project schedule. The PST process ensures that staff resources are available when needed to enable timely completion of each project task. The PST process also allows for any changes in project scope or schedules to be accommodated in overall project planning. PST reports can be downloaded into a Microsoft Excel spreadsheet for further analysis and to provide a file that could be forwarded to FXE staff.

R&A emphasizes communication and coordination among its team members to facilitate an integrated, efficient process that maximizes the identification and exchange of relevant information and avoids duplicative or unnecessary work efforts. Through team coordination and constant communication, R&A has consistently proven the ability to deliver efficient, high quality, and fully integrated projects that have involved multiple firms in different locations. To that end, we have developed a proactive management plan for communicating across the R&A Team and with the client Project Manager to ensure that schedules are met and close collaboration is maintained.

The FXE Sustainability Management Plan would be accommodated within the Firm's workload utilizing resources that are projected to be available for the 12-month project duration.

6.5 Available Facilities, Technological Capability and Other Available Resources

R&A is headquartered in Chicago and maintains U.S. offices in Atlanta, northern and southern California, Cincinnati, Dallas/Fort Worth, Denver, Honolulu, Miami, Orlando, Phoenix, and the Washington D.C. area. Additionally, all of our team members that would support this project have Florida offices. The primary support for this project would be provided from R&A's Chicago office, where our Project Manager and Deputy Project Manager are based. Additionally, during the course of the project, R&A anticipates relying on key staff in our Miami office as well to provide technical support and accommodate on-site project-related activities. Our Team's familiarity with the project and the Airport, our understanding of sustainability, our comprehensive understanding of the aviation industry, insight into emerging trends both locally and globally, and appreciation for the benefits of consensus building and stakeholder support enhance our ability to respond to any and all of the overall project components.

To effectively serve our clients, R&A believes that the resources of the entire firm and our subconsultants need to be readily available so that we can implement the most effective means of delivering the necessary solutions and guidance. To this end, R&A has invested, and continues to invest heavily, in our information technology (IT) infrastructure so that outreach to firm staff nationwide occurs seamlessly. Our system includes interconnection of the firm's office networks to simplify transfer of work products and the use of Internet-based project management systems to provide easy tracking of project status. In addition to communicating and coordinating with the R&A Teams, we rely on our IT infrastructure and computer

capabilities to ensure seamless and effective communication with other consultants and stakeholders that may be involved in related projects.

R&A emphasizes communication and coordination among its team members to facilitate an integrated, efficient process that maximizes the identification and exchange of relevant information and avoids duplicative or unnecessary work efforts. Through team coordination and constant communication, R&A has consistently proven the ability to deliver efficient, high quality, and fully integrated projects that have involved multiple firms in different locations. To that end, we have developed a proactive management plan for communicating across the R&A Team and with the client Project Manager to ensure that schedules are met and close collaboration is maintained.

R&A's project management system requires regular Team meetings and briefings, including telephone and GoToMeeting™ web conferencing, which promote frequent and ad hoc communications among Team members, as well as between the Project Manager and the client Project Manager. R&A also uses a variety of project information exchange mechanisms, including a web-based file sharing service to post and exchange information among Team members, client representatives, and other project stakeholders including agencies. As appropriate and necessary, a log of project-related correspondence would be maintained to provide a comprehensive record of all communications, ensuring that relevant decisions, direction, conclusions, and recommendations are documented and producible.

R&A has developed and uses numerous tools in analyzing airport and transportation systems. Whether proprietary or publicly available, these tools, and more importantly the experience and knowledge to use them as both analytic problem-solving and communication tools, help distinguish the R&A Team from its competitors. While many of these would not be expected to be employed during sustainability planning, the availability of these tools highlight the importance R&A places on ensuring that we are prepared to use the most appropriate and effective tools on every project.

R&A has extensive experience and capabilities in airfield simulation modeling, through the use of SIMMOD and TAAM. On the landside, R&A utilizes VISSIM to model roadway and curbside traffic demands and test solutions. R&A uses numerous models for terminal planning including our proprietary gate-scheduling model, VGATES, that uses schedules of airline activity, either existing or projected, to assess gates requirements under user-identified operational rules. For terminal capacity analysis, R&A utilizes CAST terminal simulation software to perform capacity analyses. CAST is a multi-agent terminal simulator that models realistic passenger flow behavior in a three dimensional environment, allowing R&A terminal planners to efficiently simulate facility performance and conduct capacity analyses both at the full facility level and at the sub-processor level (ticket lobbies, security checkpoints, international arrivals, etc.). Additionally, for environmental analyses, R&A utilizes FAA's Integrated Noise Model (INM) for aircraft noise exposure, EDMS for air dispersion modeling, and Aviation Environmental Design Tool (AEDT) that dynamically models aircraft performance in space and time to produce fuel burn, aircraft emissions, and noise.

Similarly, members of the R&A Team utilize specialized tools for unique and targeted analyses to ensure that the projections of impacts and consequences relevant to sustainability planning are appropriately analyzed. As necessary, these tools would be employed during this study as warranted by the baseline analyses, initiatives evaluation, and other relevant tasks.

7. References

Project Title: Sustainability Master plan
 Airport: Tampa International Airport
 Client: Hillsborough County Aviation Authority, P.O. Box 22287, Tampa, Florida 33622
 Start/End Date: June 2013/Ongoing
 Construction Cost: Not applicable
 Contact Person: Ms. Alice Price, Planning and Development, Project Director • phone: 813-870-7846
 • fax: N/A • aprice@tampaairport.com

Description of Work: As the Authority begins the implementation of the projects identified in the recently completed master plan update (MPU) for the airport, the organization has prioritized undertaking the development in a manner that helps to reduce potential environmental consequences, achieve economic benefits, and increase interactions with local communities and stakeholders, thereby incorporating sustainability as a core objective in the airport's long-range planning.

Project Title: Sustainability Management Plan
 Airport: Denver International Airport
 Client: City and County of Denver Department of Aviation, AOB 7th Floor, Denver, Colorado 80249
 Start/End Date: August 2011/August 2013
 Construction Cost: Not applicable
 Contact Person: Mr. Scott Morrissey, Director of Environmental Programs • phone: 303-342-2836 • fax: N/A • Scott.Morrissey@flydenver.com

Description of Work: The airport was awarded a grant in the first round projects funded under the FAA's Sustainable Master Plan Pilot Program. The collaborative planning process included facilitated meetings with internal stakeholders, tenant survey and interviews, external stakeholders workshop, and an organizational assessment of management practices and processes.

Project Title: Sustainability Planning Support
 Airport: Chicago O'Hare International and Midway Airports
 Client: City of Chicago Department of Aviation, 121 North LaSalle, Suite 509, Chicago, Illinois 60602
 Start/End Date: 2003/Ongoing
 Construction Cost: Not applicable
 Contact Person: Mr. Michael Boland, First Deputy Commissioner • phone: 773-686-7091 • fax: 773-686-3424 • michael.boland@cityofchicago.org

Description of Work: R&A supports application of environmental sustainability into every aspect of the airports operation from planning, design and construction, operations and maintenance, and activities by concessions and tenants. R&A participated in the collaborative development of the Sustainable Design Manual and its update, the Sustainable Airport Manual (SAM), the City's guidance for incorporating sustainable design and practices airport-wide.

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8. DBE Participation

R&A is a minority-owned firm that started as a small business in 1989 and was previously certified as a Disadvantaged business Enterprise (DBE), but has since graduated from the program. We understand the basis and the value of the DBE program in creating opportunities within a community. In assembling a project team, R&A seeks DBE firms that contribute to the overall strength of the R&A Team's qualifications by providing specialized professional services and a strong source of relevant information on local conditions. R&A is sensitive to ensuring full participation and conformity with established goals for participation by DBE firms on all planning assignments we undertake.

Our proposed subconsultants for this project, Basulto Management Consulting, Dickey Consulting Services, Inc., DY Consultants, and KBE Environmental Sciences, Inc. are all certified DBE firms.

The participation of these firms on the R&A Team would enable the R&A Team to meet or exceed the 15 percent DBE goal set forth by the City for this project.

R&A has a history of DBE participation on its projects. **Table 8-1** below shows some samples of R&A's ability to meet and/or exceed the established DBE goals.

Table 8-1: R&A's DBE History

| SPONSOR NAME | PROJECT TITLE | PROJECT TOTAL | PARTICIPATION (ACTUAL/TO DATE) | MBE/DBE/WBE GOAL |
|---|---|--|--------------------------------|--|
| New Orleans Aviation Board | Airport Consultant Services for Louis Armstrong New Orleans International Airport (2003-Ongoing) | \$1.8 million (to date) | 22% | 35% or Best Effort on 40% of the project |
| Metropolitan Washington Airports Authority | On-call Consultant Services for Reagan Washington National and Washington Dulles International Airports (2005-Ongoing) | \$2,000,000 (for our completed contract) | 26% | 25% DBE |
| Miami-Dade Aviation Department | Strategic Master Plan for Miami International Airport, Opa-locka Executive Airport, Kendall-Tamiami Executive Airport, Homestead General Aviation Airport, Dade-Collier Training and Transition Airport (1995- Ongoing) | \$3,605,238 (to date) | 21.5% | 15% |
| O'Hare Modernization Program Office | O'Hare Modernization Program for Chicago O'Hare International Airport (July 2001-Ongoing) | \$51,820,731 (to date) | 10% | 5% WBE |
| City of Dallas | On-Call Planning Services (March 2012-Ongoing) | \$4,855,141 | 72% | 36.6% M/WBE |
| City and County of Denver, Department of Aviation | Master Plan Update for Denver International Airport (August 2006-April 2013) | \$5,169,957 (to date) | 10% | 10% DBE |

| SPONSOR NAME | PROJECT TITLE | PROJECT TOTAL | PARTICIPATION (ACTUAL/TO DATE) | MBE/DBE/WBE GOAL |
|--|--|-------------------------|--------------------------------|------------------|
| Houston Airport System | On-call Aviation Planning Services (January 2012-Ongoing) | \$3,402,655 (to date) | 35% | 30% |
| City and County of Denver Department of Aviation | Sustainability Management Plan (August 2011-August 2013) | \$799,623 | 12% | 10% DBE |
| Hillsborough County Aviation Authority | Sustainability Master Plan (June 2013-Ongoing) | \$732,124 | Ongoing, 13% estimated | 7% |
| San Diego Regional Airport Authority | ALUCP Technical Support (September 2008-June 2013) | \$3,000,000 | 18% | 14% DBE |
| Boca Raton Airport Authority | Program Manager and General Consultant Services for Boca Raton Airport (2006-August 2012) | \$2.9 million (to date) | 33% | 10% |
| Airport Commission, City and County of San Francisco | ATCT Environmental Assessment (October 2010-January 2012) | \$237,199 | 12% DBE and 6% WBE | "encouraged" |
| City of Phoenix Aviation Department | Terminal Gate and Processor Strategy for Phoenix Sky Harbor International Airport (March 2010- January 2011) | \$429,102 | 5% | 0% |
| Dallas/Fort Worth International Airport Board | Long-Term Parking System Strategy for Dallas/Fort Worth International Airport (June 2010-November 2010) | \$188,224 | 7% | 5% |
| Maryland Aviation Administration | Terminal Modernization Plan for Baltimore/Washington International Thurgood Marshall Airport (June 2008- October 2010) | \$309,111 | 12% | 12% |
| Metropolitan Washington Airports Authority | Environmental Assessment for Runway Safety Area Improvements at Reagan Washington National Airport (2005-March 2010) | \$1.0 million | 27% | 25% |
| Maryland Aviation Administration | Comprehensive Airport Facility Planning Services for Baltimore/Washington International Thurgood Marshall Airport and Martin State Airports (August 2005-March 2009) | \$491,504 | 18% | 12% |
| City of Cleveland, Department of Port Control | Various Planning Studies for Cleveland Hopkins International Airport and Burke Lakefront Airport (2004-October 2008) | \$405,148 | 36% MBE; 4 % FBE | 15% MBE, 5% FBE |
| Lexington-Fayette Urban County Airport Board | Environmental Assessment, Blue Grass Airport (June 2005-September 2008) | \$1.0 million | 23% | 8.9% |



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1601 Harrison Street
Hollywood Florida 33320

ANNIVERSARY DATE – Annually, on December 7th

Dear Mr. Basulto:

Broward County is pleased to announce that **Basulto Management Consulting, Inc. dba BMC** has renewed its certification as a **Disadvantaged Business Enterprise [DBE]** in Florida, under a **Unified Certification Program [UCP]** in accordance with 49 CFR, PART 26.

DBE certification continues from your anniversary date, but is contingent upon Basulto Management Consulting, Inc. dba BMC renewing its eligibility annually through this office, Office of Economic and Small Business Development (OESBD). OESBD will notify you in advance of your obligation to provide continuing eligibility documents; however, to assure continued certification is your responsibility. Failure to continue your eligibility will result in immediate action to remove Basulto Management Consulting, Inc. dba BMC as a DBE.

As long as Basulto Management Consulting, Inc. dba BMC is listed in the DBE Directory, it is considered DBE Certified by all Florida UCP Members.

DBE Certification is subject to actions by governmental agencies impacting the disadvantaged status of Basulto Management Consulting, Inc. dba BMC.

Basulto Management Consulting, Inc. dba BMC will be listed in Florida's **UCP DBE Directory** which can be accessed via the internet, at <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory>.

DBE certification is **NOT** a guarantee of work, but enables Basulto Management Consulting, Inc. dba BMC to compete for, and perform, contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, and sub-consultant or material supplier.

Re: Basulto Management Consulting, Inc. dba BMC

January 2, 2014

If, at any time, there is a material change in Basulto Management Consulting, Inc. dba BMC including, but not limited to, ownership, officers, directors, scope of work being performed, daily operations, affiliations with other businesses or individuals or physical location of Basulto Management Consulting, Inc. dba BMC, you must notify OESBD, in writing, without delay. Notification should include supporting documentation. You will receive acknowledgement and confirmation of continued eligibility, if applicable after notification of changes.

Basulto Management Consulting, Inc. dba BMC may compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, receiving DBE credit for work performed in the following area:

NAICS CODES: 236220 Commercial and Institutional Building Constructions

NAICS CODES: 541611 General Management Consulting Service

NAICS CODES: 541618 Other Management Services

Please feel free to contact OESBD for any questions or concerns pertaining to your DBE certification. Our telephone number is (954) 357-6400; our fax number is (954) 357-5674.

Sincerely,

A handwritten signature in black ink that reads "Chris Atkinson". The signature is written in a cursive, flowing style.

Christopher Atkinson, Assistant Director
Office of Economic and Small Business Development



OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

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

March 12, 2013

Ms. Sheryl A. Dickey
DICKEY CONSULTING SERVICES, INC.
P.O. Box 892
Fort Lauderdale, Florida 33302

ANNIVERSARY DATE – Annually, on March 12th

Dear Ms. Dickey:

Broward County is pleased to announce that **Dickey Consulting Services, Inc.** has renewed its certification as an **Disadvantaged Business Enterprise [DBE]** and has been certified as an **Airport Concessions Disadvantaged Business Enterprise (ACDBE)** in Florida, under a **Unified Certification Program [UCP]** in accordance with 49 CFR, PART 23 and PART 26.

ACDBE and DBE certification is continuing from your anniversary date, but is contingent upon Dickey Consulting Services, Inc. renewing its eligibility annually through this office, Office of Economic and Small Business Development (OESBD). OESBD will notify you in advance of your obligation to provide continuing eligibility documents; however, to assure continued certification is your responsibility. Failure to continue your eligibility will result in immediate action to remove Dickey Consulting Services, Inc. as a DBE/ACDBE.

Dickey Consulting Services, Inc. will be listed in Florida's **UCP DBE Directory** which can be accessed via the internet, at <https://www3.dot.state.fl.us/EqualOpportunityOffice/BizNet> or through FDOT's website at www.dot.state.fl.us/equalopportunityoffice and by "clicking" on "BizNet DBE UCP Directory" in the center of the page.

As long as Dickey Consulting Services, Inc. is listed in the DBE Directory, it is considered DBE/ACDBE Certified by all Florida UCP Members.

ACDBE and DBE Certification are subject to actions by governmental agencies impacting the disadvantaged status of Dickey Consulting Services, Inc.

RECEIVED

MAR 18 2013

By: DCS, Inc.

Re: Dickey Consulting Services, Inc.

March 12, 2013

ACDBE and DBE certification is **NOT** a guarantee of work, but enables Dickey Consulting Services, Inc. to compete for, and perform contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as an ACDBE/DBE contractor, sub-contractor, consultant, and sub-consultant or material supplier

If, at any time, there is a material change in Dickey Consulting Services, Inc. including, but not limited to; ownership, officers, directors, scope of work being performed, daily operations, affiliations with other businesses or individuals or change of physical location, Dickey Consulting Services, Inc. must notify OESBD, in writing, without delay. Notification should include supporting documentation. Dickey Consulting Services, Inc. will receive acknowledgement and confirmation of continued eligibility, if applicable after notification of changes.

Dickey Consulting Services, Inc. may compete for, and perform work on all USDOT Federal Aid projects or FAA funded projects throughout Florida, receiving DBE and/ or ACDBE credit for work performed in the following areas:

ACDBE

NAICS Code: 541611 Admin. Management and General Management Consulting Services

NAICS Code: 541613 Marketing Consulting Services

NAICS Code: 541820 Public Relations Agencies

NAICS Code: 541810 Advertising Agencies

NAICS Code: 561110 Office Administrative Services

DBE

NAICS Code: 541690 Other Professional, Scientific and Technical Services

NAICS Code: 541820 Public Relations Agencies

NAICS Code: 611430 Professional & Mgmt. Development Training

NAICS Code: 541618 Other Management Consulting Services

Please feel free to contact OESBD for any questions or concerns pertaining to your ACDBE /DBE certification. Our telephone number is (954) 357-6400; our fax number is (954) 357-5674.

Sincerely,



Christopher Atkinson, Assistant Director
Office of Economic and Small Business Development

RECEIVED

MAR 18 2013

By: DCS, Inc.

**Florida UCP DBE Directory
Vendor Profile**

As Of: 03/14/2014

Vendor Name: DY CONSULTING ENGINEERS P C D/B/A DY CONSULTANTS

Certification: DBE

Former Name:

Business Description: CIVIL ENGINEERING SERVICES

Mailing Address:
401 FRANKLIN AVE STE 318
GARDEN CITY, NY 11530-

Physical Address:
401 FRANKLIN AVE STE 318
GARDEN CITY NY 11530-

District: County:

Website:

Contact Name: DENNIS YAP

Phone: (516) 625-9800

Fax: (516) 625-9816

Contact Email:

Current DBE Certification: Certified

Certifying Member: Florida Department of Transportation

ACDBE Status: N

First Certification Date: 03/16/2011

Statewide Availability: Y

Certifying Areas

Highway: Y Aviation: N Transit: N

Certified NAICS

541330 - Engineering Services

Specialty Areas

Civil Engineering Services

Consultants



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.
SECRETARY

May 15, 2006

Certified Mail – Return Receipt Requested

KB Environmental Sciences, Inc..
Ms. Carol Bryant
9500 Koger Boulevard, Suite 211
St. Petersburg, FL 33702

The FDOT requests that parties interested in verifying the status of a firm's DBE certification do so at the following website:

<http://www.dot.state.fl.us/equalopportunityoffice/>

ANNIVERSARY DATE – Annually on May 15

Dear Ms. Bryant:

The Florida Department of Transportation [FDOT] is pleased to announce that your firm is certified under the **Florida Unified Certification Program [UCP]** as a **Disadvantaged Business Enterprise [DBE]** in accordance with Part 49 Section 26, Code of Federal Regulations.

DBE certification is continuing, but is contingent upon the firm maintaining its eligibility annually through this office. You will be notified of your annual responsibilities in advance of the **Anniversary Date**. You must submit the annual **AFFIDAVIT FOR CONTINUING ELIGIBILITY** no later than the **Anniversary Date**. Failure to do so will result in immediate action to decertify the firm.

Only those firms listed in the UCP DBE Directory, are certified by Florida UCP Members. Prime contractors and consultants are urged to verify your firm's current certification status of the firm through this Directory.

Your firm will be listed in Florida's UCP DBE Directory which can be accessed via the internet, at <http://www.bipincwebapps.com/biznetflorida/> or through The Department' website at www.dot.state.fl.us/equalopportunityoffice, then select "DBE Directory."

DBE certification is **NOT** a guarantee of work, but enables the firm to compete for, and perform, contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, sub-consultant or material supplier.

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

Your firm is eligible to compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, and may earn DBE credit for work performed in the following areas:

| NAICS: | FDOT Specialty Code & Description |
|---------------|--|
| 541620 | 950-Environmental Consulting Services |
| 562112 | 953-Hazardous Waste Services |
| 541618 | 980-Other Business Services(NEC) |

Questions or concerns should be directed to this office by mail or telephone. Our telephone number is (850) 414-4747. Our Fax number is (850) 414-4879.

Sincerely,




John Goodeman
DBE Certification Manager

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9. Sample Insurance Certificate

RICON-1 OP ID: LAD



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
03/12/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. 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 Harris Insurance Agency, Inc. 609 W. Main Street West Dundee, IL 60118 Marc W. Harris | CONTACT NAME: PHONE (A/C, No, Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: _____ _____ | | | | | | | | | | | | | | |
| INSURED Ricondo & Associates, Inc. 20 N. Clark Street, Suite 1500 Chicago, IL 60602 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><small>INSURER(S) AFFORDING COVERAGE</small></td> <td style="text-align: center;"><small>NAIC #</small></td> </tr> <tr> <td>INSURER A : Hanover Insurance Company</td> <td></td> </tr> <tr> <td>INSURER B : Essex Insurance Company</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table> | <small>INSURER(S) AFFORDING COVERAGE</small> | <small>NAIC #</small> | INSURER A : Hanover Insurance Company | | INSURER B : Essex Insurance Company | | INSURER C : | | INSURER D : | | INSURER E : | | INSURER F : | |
| <small>INSURER(S) AFFORDING COVERAGE</small> | <small>NAIC #</small> | | | | | | | | | | | | | | |
| INSURER A : Hanover Insurance Company | | | | | | | | | | | | | | | |
| INSURER B : Essex Insurance Company | | | | | | | | | | | | | | | |
| INSURER C : | | | | | | | | | | | | | | | |
| INSURER D : | | | | | | | | | | | | | | | |
| INSURER E : | | | | | | | | | | | | | | | |
| INSURER F : | | | | | | | | | | | | | | | |

COVERAGES
CERTIFICATE NUMBER:
REVISION NUMBER:

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

| INSR LTR | TYPE OF INSURANCE | ADDL SUBR INSR. WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|---|---------------------|---------------|-------------------------|-------------------------|--|
| A | <input checked="" type="checkbox"/> GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> | | ZHC4271921 | 03/14/2014 | 03/14/2015 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 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 Emp Ben. \$ 1,000,000 |
| A | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/> | | AWC9893407 | 04/01/2014 | 04/01/2015 | 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"/> OCCUR <input checked="" type="checkbox"/> CLAIMS-MADE DED. RETENTION \$ _____ | | UHC4410471 | 03/14/2014 | 03/14/2015 | EACH OCCURRENCE \$ 17,000,000 AGGREGATE \$ 17,000,000 |
| A | <input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N / A | | WHC4272983 | 03/14/2014 | 03/14/2015 | <input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER \$ _____ E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |
| B | Architects & Eng. Professional E&O | | AE823507 | 03/14/2014 | 03/14/2015 | Per Claim 5,000,000 Aggregate 100,000 Ded |

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

CERTIFICATE HOLDER

BLANK CE

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Marc W. Harris

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ACORD 25 (2010/05)
The ACORD name and logo are registered marks of ACORD

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10. Joint Ventures

R&A is submitting as the prime consultant and is not part of a Joint Venture.

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11. Subconsultants

R&A's expertise in sustainability master planning would be supplemented by our professional subconsultant firms, which would provide the additional skills and expertise necessary to address specific technical areas related to proposed project. **Table 11-1** below identifies the firms on the R&A Team and their proposed project responsibilities:

Table 11-1: R&A Team Firms and Project Responsibilities

| FIRM | PROPOSED PROJECT RESPONSIBILITIES | DBE FIRM? |
|----------------------------------|--|-----------|
| Ricondo & Associates, Inc. | Project management; Sustainability planning; Environmental analysis support; Water quality analysis; Sustainable Design Criteria Manual development; Quality assurance/quality control | |
| Basulto Management Consulting | Cost estimating support | ■ |
| C&S Companies | Energy assessments; Waste/recycling assessments; Life cycle cost evaluations; Asset management | |
| Dickey Consulting Services, Inc. | Public involvement; Stakeholder outreach | ■ |
| DY Consulting | Environmental analysis; sustainability support; cost estimating support | ■ |
| KB Environmental Sciences, Inc. | Air emissions planning; Greenhouse gas emissions inventory | ■ |

11.1 Basulto Management Consulting



Basulto Management Consulting (BMC) was founded in 2001 on the principle that project owners are entitled to receive fair, prompt, and competent professional services in all phases of their projects. Their mission is to maximize the likelihood of successful project implementation for our clients. BMC's commitment to our clients is rooted in the delivery of quality professional services. They will work to protect clients' interests, both financial and otherwise, by providing the resources and expertise to ensure that projects are delivered successfully as defined by the owners. BMC serves the transportation, aviation, local, state and federal government, water and resource management, educational facilities, and real estate industries. BMC developed baseline phasing and the overall schedule for the Fort Lauderdale International Airport 9R-27L Runway Expansion project. In addition BMC has performed the following tasks for Broward County Aviation Department: Examination of reimbursable cost for design of Consolidated Rent Car Facility, Performed Indirect Cost Allocation Study for all Airport Expansion Projects (AEP), and coordinated and reported on funding sources and uses for all AEP projects. BMC has also provided General Aviation development support to private developers at the Opa-Locka Airport in Miami-Dade County. They also assisted Miami Executive Aviation with planning and construction phase oversight of a private hangar and office space. BMC provided design phase and permitting support to Holland- Sheltair a private developer

at Fort Lauderdale Airport, this project required careful coordination and collaboration with Broward County Aviation Department, the FAA, and several local entities. Their efforts resulted in the successful completion of a General Aviation hangar and office project under significant schedule constraints.

11.2 C&S Companies

Since 1968, the C&S Companies (C&S) have earned a solid reputation for our industry-leading sustainability, design, planning, and environmental services. C&S implements sustainable plans, designs, and construction projects in a manner that can greatly improve energy efficiency and reduce the burden on the environment while improving the health, well-being, and productivity of the end users. When experienced aviation professionals incorporate sustainable philosophies early in a project, the initial cost can be kept in balance, and substantial savings over the life of the project can be realized. C&S helps clients understand opportunities and alternatives for providing energy-efficient and environmentally responsible projects for both airside and landside projects. Their team has been involved in the planning, design, commissioning, construction management, and LEED certification on sustainable projects for aviation, governmental, institutional, educational, and commercial facilities. Their project experience includes an ongoing sustainability management plan for Salt Lake City International Airport. C&S developed a sustainability management plan for Fresno Yosemite International Airport as part of the FAA's national sustainability planning pilot program. This project helped the airport identify sustainability practices and projects that would significantly reduce their negative environmental impacts and could also save the airport considerable amounts of money in operating costs. C&S completed the country's first sustainable master plan at Ithaca Tompkins Regional Airport, which was the inspiration for the FAA's sustainability planning pilot program. We also completed a new 17,580-square-foot receiving and distribution center at San Diego International Airport that received LEED Gold certification. At Syracuse Hancock International Airport, we completed an energy audit and study and designed a 147,000-square-foot terminal addition and renovation that is currently seeking LEED Silver.

11.3 Dickey Consulting Services, Inc.

Dickey Consulting Services, Inc. (DCS) is an economic development, government relations, project management and communications consulting firm. The organization and its associates provide services to public and private enterprises, coordinating, implementing and promoting projects related to economic and community development, government relations, business development, housing, public relations, public involvement, and other marketing initiatives. DCS provides staffing for invoicing, accounting, documents control, small disadvantage business enterprise coordination, contract administration civil-CAD, construction inspections, and communications assistance. The firm also provides administrative

support for budgeting, planning, management, and purchasing. DCS's headquarters is in the Midtown Commerce Center, a newly constructed Silver LEED certified building in Fort Lauderdale. Ms. Dickey is the developer and owner of the building and she incorporates all aspects of green building initiatives in its operations. DCS, Inc is able to offer over 19 years of experience in the areas of: Government Relations, Public Involvement, DBE Liaison Services, Economic Development & Community Revitalization, International Trade and Development, Housing and Focus Group Facilitation.

11.4 DY Consulting

DY Consultants (DY), celebrating its 23rd year of service, is a Certified Disadvantaged Business Enterprise (DBE)/ Small Business Enterprise (SBE)/ Minority Business Enterprise (MBE), is a specialized aviation consulting firm located in Garden City and New York City, concentrating on aviation facility development throughout the region. DY Consultants provides a broad spectrum of airport design, engineering and planning services ranging from master planning, airfield operations analyses, environmental review and grant procurement to the final design, construction management, inspection, program management and final closeout of projects. DY has completed nearly 500 airport related projects. These projects include both airside, landside and terminal projects. The majority of these projects are a result of repeat clients, who were satisfied with DY's performance. Since its inception, DY has provided professional services to Port Authority Airports, Municipal Airport Owners, State Agencies, Airport Authorities, Military Groups and Private Owners.



11.5 KB Environmental Sciences, Inc.

KB Environmental Sciences, Inc. (KBE) specializes in providing air quality, noise, hazardous materials, climate change and health risk assessment services to a wide array of private and public clients within Florida, across the U.S. and around the world. With an emphasis on airports and airway facilities, there are few companies with the level of expertise and breadth of experience in these highly specialized fields. As a small business, the company is streamlined, easily accessible and able to offer individual attention to the unique and challenging issues facing its clients. KBE is also a certified Disadvantaged Business Enterprise (DBE) in all 50 states, including Florida.



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12. Non-Collusion Statement

Not Applicable

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Appendix

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

| | |
|---|--|
| 1. TITLE AND LOCATION <i>(City and State)</i> Fort Lauderdale Executive Airport Sustainable Management Plan (Fort Lauderdale, Florida) | |
| 2. PUBLIC NOTICE DATE February 20, 2014 | 3. SOLICITATION OR PROJECT NUMBER 946-11300 |

B. ARCHITECT – ENGINEER POINT OF CONTACT

| | | |
|--|-------------------------------|--|
| 4. NAME AND TITLE Pete Ricondo, PE, Senior Vice President | | |
| 5. NAME OF FIRM Ricondo & Associates, Inc. | | |
| 6. TELEPHONE NUMBER 305-260-2727, extension 251 | 7. FAX NUMBER 305-260-2728 | 8. E-MAIL ADDRESS p_ricondo@ricondo.com |

C. PROPOSED TEAM

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

| | <i>(Check)</i> | | | | 9. FIRM NAME | 10. ADDRESS | 11. ROLE IN THIS CONTRACT |
|----|-------------------------------------|-----|-------------------------------------|----------------|--|---|---------------------------|
| | PRIME | J-V | PARTNER | SUBCON-TRACTOR | | | |
| a. | <input checked="" type="checkbox"/> | | | | Ricondo & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE | 20 North Clark Street, Suite 1500 Chicago, Illinois 60602 | Prime Consultant |
| b. | <input checked="" type="checkbox"/> | | | | Ricondo & Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE | 1000 N.W. 57 th Court, Suite 920 Miami, Florida 33126 | Prime Consultant |
| c. | | | <input checked="" type="checkbox"/> | | Basulto Management Consulting <input type="checkbox"/> CHECK IF BRANCH OFFICE | 1601 Harrison St. Hollywood, Florida 33020 | Subconsultant |
| d. | | | <input checked="" type="checkbox"/> | | C&S Companies <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE | 605 East Robinson Street, Suite 210 Orlando, Florida 32801 | Subconsultant |
| e. | | | <input checked="" type="checkbox"/> | | C&S Companies <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE | 120 State Street, Suite 120 Rochester, New York 14614 | Subconsultant |
| f. | | | <input checked="" type="checkbox"/> | | C&S Companies <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE | 2020 Camino Del Rio North, Suite 100 San Diego, California 92108 | Subconsultant |

C. PROPOSED TEAM

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

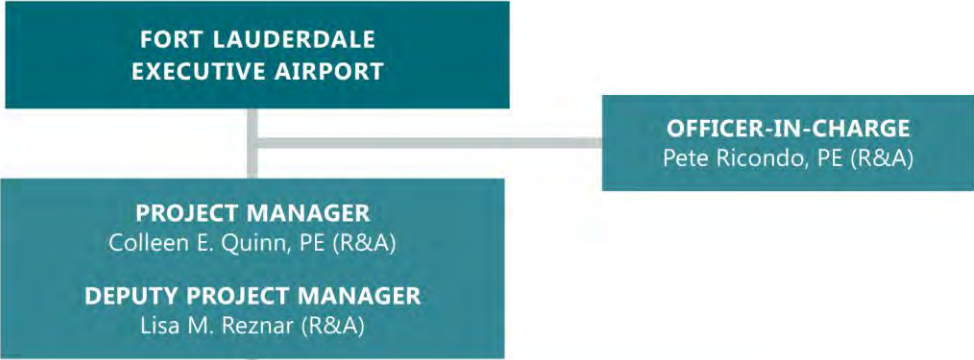
| | <i>(Check)</i> | | | 9. FIRM NAME | 10. ADDRESS | 11. ROLE IN THIS CONTRACT |
|-----------|----------------|-----|-------------------------------|---|--|---------------------------|
| | PRIME | J-V | PARTNER SUBCON- TRACTOR | | | |
| g. | | | X | Dickey Consulting Services, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE | 1033 Sistrunk Boulevard, Suite 206 Fort Lauderdale, Florida 33311 | Subconsultant |
| h. | | | X | DY Consulting <input type="checkbox"/> CHECK IF BRANCH OFFICE | 401 Franklin Avenue, Suite 318 Garden City, New York 11530 | Subconsultant |
| i. | | | X | KB Environmental Sciences, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE | 9500 Koger Boulevard, Suite 211 St. Petersburg, Florida 33702 | Subconsultant |
| j. | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |
| k. | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |
| l. | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[x] *(Attached)*

KEY

- R&A** Ricondo & Associates, Inc.
- BMC** Basulto Management Consulting
- C&S** C&S Companies
- DCS** Dickey Consulting Services, Inc.
- DY** DY Consultants
- KBE** KB Environmental Sciences, Inc.



TECHNICAL RESOURCES

WASTE/RECYCLING

Carly Shannon (C&S)

**AIR EMISSIONS/
GHG INVENTORY**

Michael Kenney (KBE)

Paul Sanford (KBE)

**STAKEHOLDER AND
COMMUNITY OUTREACH**

Sheryl Dickey (DCS)

SMP DEVELOPMENT

Lisa M. Reznar (R&A)

Remy Lucette (R&A)

ENERGY

Matthew McQuinn, PE, CM,
LEED AP (C&S)

**SUSTAINABLE DESIGN
CRITERIA MANUAL**

Eugene R. Peters, LEED AP (R&A)

Colleen E. Quinn, PE (R&A)

**MESSAGING AND
COMMUNICATION**

Sheryl Dickey (DCS)

Lisa M. Reznar (R&A)

SUSTAINABILITY PLANNING

Eugene R. Peters, LEED AP (R&A)

Aileen Maguire Meyer, PE,
AICP (C&S)

Casey L. Venzon, LEED AP (R&A)

Tiffany Sellinger (DY)

**ASSET UTILIZATION, LIFE CYCLE
COSTING, COST ESTIMATING**

Matthew McQuinn, PE, CM,
LEED AP (C&S)

David Bjorneboe (BMC)

WATER QUALITY

Eugene R. Peters, LEED AP (R&A)

ENVIRONMENTAL ANALYSIS

Nicole Hale (DY)

Tiffany Sellinger (DY)

Casey L. Venzon, LEED AP (R&A)

CLIMATE ACTION

Michael Kenney (KBE)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|--|--|--|----------------------------|
| 12. NAME Pete Ricondo, PE | 13. ROLE IN THIS CONTRACT Officer-in-Charge | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 22 | b. WITH CURRENT FIRM 20 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> Ricondo & Associates, Inc. (Miami, Florida) | | | |
| 16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science – Civil Engineering, Florida State University Master in Business Administration, Florida International University Certificate in Project Management – Loyola University in Chicago | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer – Florida | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Member, American Association of Airport Executives; Project Management Institute | | | |

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION <i>(City and State)</i> | (2) YEAR COMPLETED | |
|----|--|-----------------------|---|
| | | PROFESSIONAL SERVICES | CONSTRUCTION <i>(If Applicable)</i> |
| a. | Aviation Planning Consulting Services for Miami-Dade Aviation Department (Miami, Florida) | Ongoing | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE R&A has provided on-call planning services for Miami International Airport since 1995. Tasks completed under this contract include airfield capacity analyses, airspace modeling, benefit-cost analyses, capital program cost estimating, demand/capacity analyses, forecasting, navigational aid improvement evaluations, obstruction clearance analyses, passenger facility charge (PFC) application packages development, and vehicular traffic studies. In addition, R&A prepared a benefit-cost analysis that supported the request for federal discretionary grant funding for construction of a new runway. R&A also defined detailed program requirements and prepared facility layouts for the south terminal complex at Miami International Airport necessary to accommodate the space and operational requirements of 15 possible airline tenants, including the Star Alliance members. This effort was critical to the collective airline decision to relocate to the future terminal. Mr. Ricondo's role in this contract: Officer-in-Charge. | | Check if project performed with current firm: <input checked="" type="checkbox"/> |
| b. | General Consultant Services for Boca Raton Airport (Boca Raton, Florida) | Ongoing | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE R&A is in the process of updating the five-year Capital Improvement Program (CIP) for the airport. As part of this task, Mr. Ricondo, as the Officer-In-Charge oversaw a comprehensive airport needs evaluation in order to define capacity enhancement or maintenance related projects that are needed at the Airport for the near-term horizon. From this evaluation, Mr. Ricondo assisted the Airport Authority with incorporating these projected into the Airport's Capital Improvement Program and the Joint Automated Capital Improvement Program (JACI) module for the Airport. As part of this effort, Mr. Ricondo prepared a funding plan for the overall CIP that leverages FAA and FDOT funding while minimizing the reliance on the Airport's capital. | | Check if project performed with current firm: <input checked="" type="checkbox"/> |
| c. | Sustainable Master Plan for Vero Beach Municipal Airport (Vero Beach, Florida) | 2013 | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2013, City of Vero Beach (the City) engaged R&A, as prime consultant, to update the Airport Master Plan. The Airport is a participant in the FAA's Sustainable Master Plan Pilot Program. Participation in the Pilot Program is supplementing the traditional aeronautical focus of an airport master plan with an emphasis on planning topics that are important to the City and community (e.g., financial responsibility, reduced environmental impacts, and community integration). Being an economically sustainable airport and supporting community planning and economic development are emerging as key issues to be addressed in the Sustainable Master Plan. Mr. Ricondo's role in this contract: Officer-in-Charge. | | Check if project performed with current firm: <input checked="" type="checkbox"/> |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|---|--|--|----------------------------|
| 12. NAME Colleen E. Quinn, PE | 13. ROLE IN THIS CONTRACT Project Manager | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 30 | b. WITH CURRENT FIRM 23 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> Ricondo & Associates, Inc. (Chicago, Illinois) | | | |
| 16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science – Civil Engineering | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer (Illinois, Florida, Pennsylvania – Civil) | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Society of Civil Engineers, National Society of Professional Engineers | | | |

19. RELEVANT PROJECTS

| | | | |
|----|--|---|-------------------------------------|
| a. | (1) TITLE AND LOCATION <i>(City and State)</i> Sustainability Master Plan for Tampa International Airport (Tampa, Florida) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if Applicable)</i> |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2013, the Hillsborough County Aviation Authority (the Authority) engaged Ricondo & Associates, Inc. (R&A), as prime consultant of a 6-firm team, to prepare a Sustainability Master Plan (SMP) for Tampa International Airport. The SMP, encompasses three elements—a Sustainability Master Plan, a Sustainability Management Plan, and a Sustainable Design Criteria Manual—and is structured to provide the Authority with a complementary sustainability plan to guide long-range development decisions and influence near-term project designs that align with the Authority’s sustainability vision for the airport. As the Authority begins the implementation of the projects identified in the recently completed master plan update for the airport, the organization has prioritized undertaking the development in a manner that helps to reduce potential environmental consequences, achieve economic benefits, and increase interactions with local communities and stakeholders, thereby incorporating sustainability as a core objective in the airport’s near-, mid-, and long-range planning. Ms. Quinn is serving as the project manager for this project. | Check if project performed with current firm: <input checked="" type="checkbox"/> | |
| b. | (1) TITLE AND LOCATION <i>(City and State)</i> Sustainability Management Plan for Denver International Airport (Denver Colorado) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2013 | CONSTRUCTION <i>(if Applicable)</i> |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2011, the City and County of Denver, Department of Aviation (the Department) engaged R&A as prime consultant to prepare a Sustainability Management Plan (SMP) for Denver International Airport. The SMP is the largest of the FAA’s Sustainable Master Plan Pilot Program projects and will be completed in the summer of 2013. Through this project, R&A has conducted visioning sessions with airport stakeholders and the public; compiled a sustainability baseline; undertaken a gap assessment of management policies, programs, systems, tools and data; facilitated the development of goals and objectives; identified and evaluated sustainability initiatives for implementation; and prepared an implementation plan. Prior to the project, the Department had implemented many sustainability initiatives; however, these achievements were not guided by a disciplined sustainability planning process or managed systematically by the Department. The SMP implementation plan, therefore, provides the Department a roadmap to advance a systematic process to integrate sustainability management across the organization, based on the “Plan-Do-Check-Act” management framework that encourages continuous improvement. Ms. Quinn served as the Client Officer for this study, responsible for assisting in developing the study design and serving as a technical advisor to both the project team and the airport staff. | Check if project performed with current firm: <input checked="" type="checkbox"/> | |
| c. | (1) TITLE AND LOCATION <i>(City and State)</i> Master Plan Update for Denver International Airport (Denver, Colorado) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2013 | CONSTRUCTION <i>(if Applicable)</i> |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2006, the City and County of Denver, Department of Aviation, engaged R&A, as prime consultant of a 10-firm team, to prepare a Master Plan Update for Denver International Airport. The Master Plan Update is a two-phase study structured to address terminal demands through 2015 in the first phase, and develop a comprehensive Master Plan covering a 25-year planning horizon in the second phase. Denver International Airport, encompassing over 53 square miles, is the fifth busiest airport in the United States in terms of total passengers, and the seventh busiest in terms of aircraft operations. Ms. Quinn served as the project manager for this study, and follow-on on-call planning assignments. | Check if project performed with current firm: <input checked="" type="checkbox"/> | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

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|--|---|---|----------------------------|
| 12. NAME Lisa M. Reznar | 13. ROLE IN THIS CONTRACT Deputy Project Manager | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 18 | b. WITH CURRENT FIRM 18 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> Ricondo & Associates, Inc. (Chicago, Illinois) | | | |
| 16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Arts – Geography and Political Science, Indiana University Master of Science – Geography, University of Tennessee | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Planning Association (member) | | | |

19. RELEVANT PROJECTS

| | | | |
|----|--|---|-------------------------------------|
| a. | (1) TITLE AND LOCATION <i>(City and State)</i> Denver International Airport, Sustainability Management Plan (Denver, Colorado) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2013 | CONSTRUCTION <i>(if Applicable)</i> |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2011, the City and County of Denver, Department of Aviation (the Department) engaged R&A, as prime consultant, to prepare a Sustainability Management Plan (SMP) for Denver International Airport, under the FAA’s Sustainable Master Plan Pilot Program. R&A led visioning sessions with stakeholders and the public, compiled a sustainability baseline including a management-focused gap assessment, facilitated goal development, identified and evaluated sustainability initiatives, and prepared an implementation plan. Although the Department had implemented many sustainability initiatives, their achievements were not guided by a disciplined, systematic sustainability planning process. The SMP implementation plan, therefore, provided a roadmap to advance a systematic process to integrate sustainability planning across the organization, based on a continuous improvement management framework (“Plan-Do-Check-Act”). Ms. Reznar served as the deputy project manager, leading project administration and guiding technical analyses prepared by the 7-firm team. | Check if project performed with current firm: <input checked="" type="checkbox"/> | |
| b. | (1) TITLE AND LOCATION <i>(City and State)</i> Sustainable Master Plan for Vero Beach Municipal Airport (Vero Beach, Florida) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if Applicable)</i> |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2013, City of Vero Beach (the City) engaged R&A, as prime consultant, to update the Airport Master Plan. The Airport is a participant in the FAA’s Sustainable Master Plan Pilot Program. Participation in the Pilot Program is supplementing the traditional aeronautical focus of an airport master plan with an emphasis on planning topics that are important to the City and community (e.g., financial responsibility, reduced environmental impacts, and community integration). Ms. Reznar is leading the sustainability planning effort, which, to date, has included visioning sessions with stakeholders and the community and development of a vision statement and planning goals. Being an economically sustainable airport and supporting community planning and economic development are emerging as key issues to be addressed in the Sustainable Master Plan. | Check if project performed with current firm: <input checked="" type="checkbox"/> | |
| c. | (1) TITLE AND LOCATION <i>(City and State)</i> Sustainability Master Plan for Tampa International Airport (Tampa, Florida) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if Applicable)</i> |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2013, the Hillsborough County Aviation Authority (the Authority) engaged R&A, as prime consultant of a 6-firm team, to prepare a Sustainable Master Plan (SMP) for Tampa International Airport. The SMP, encompasses three elements—a Sustainable Master Plan, a Sustainability Management Plan, and a Sustainable Design Criteria Manual—and is structured to provide the Authority with a complementary sustainability plan to guide long-range development decisions and influence near-term project designs that align with the Authority’s sustainability vision for the airport. As the Authority begins the implementation of the projects identified in the recently completed Airport Master Plan Update, the organization has prioritized undertaking the development in a manner that helps to reduce potential environmental consequences, achieve economic benefits, and increase interactions with local communities and stakeholders, thereby incorporating sustainability as a core objective in the airport’s near-, mid-, and long-range planning. Ms. Reznar is serving as the deputy project manager. | Check if project performed with current firm: <input checked="" type="checkbox"/> | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

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|---|--|--|---------------------------|
| 12. NAME Remy Lucette, PMP, CM | 13. ROLE IN THIS CONTRACT Sustainability Consultant | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 5 | b. WITH CURRENT FIRM 5 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> Ricondo & Associates, Inc. (Miami, Florida) | | | |
| 16. EDUCATION <i>(Degree and Specialization)</i> Master of Science – Airport Management and Development, Florida Institute of Technology Master of Science – Aviation Engineering; French National University of Civil Aviation Bachelor of Science – Aeronautical Science; French National University of Civil Aviation | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Association of Airport Executives, Member Former European Private Pilot License | | | |

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION <i>(City and State)</i> | (2) YEAR COMPLETED | |
|----|---|-----------------------|-------------------------------------|
| | | PROFESSIONAL SERVICES | CONSTRUCTION <i>(If Applicable)</i> |
| a. | Sustainable Master Planning for Vero Beach Municipal Airport (Vero Beach, Florida) | Ongoing | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Lucette is the project manager for the Vero Beach Sustainable Airport Master Plan. The goal of the sustainable master plan is to enhance the airport's sustainability, consistent with the FAA's three core principles for sustainability: protecting the environment, maintaining high and stable levels of economic growth, and achieving social progress by recognizing stakeholder needs. Mr. Lucette manages the master plan by working with the teams to integrate the sustainability in the traditional master planning process. His involvement includes the supervision and review of the technical planning analyses and as well as facilitating meetings with stakeholders and the public. In the next few months, he will lead a business sustainability analysis to determine opportunities for the airport to remain financially self-sustaining. | | |
| b. | Strategic Master Plan 2015-2050 for Miami International Airport (Miami, Florida) | Ongoing | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As part of the ongoing Miami-Dade Strategic Master Plan for Miami International Airport, Mr. Lucette serves as a Deputy Project Manager for master planning tasks. His involvement includes the coordination and overview of passengers and cargo and maintenance tenants survey, technical support for terminal redevelopment alternatives, lead of the peak-hour gate demand capacity analysis (airside) for the newly opened North Terminal. He also serves as the lead for the aviation forecasts development at the airport. He has been coordinating additional tasks on-site and serves as a liaison between the Aviation Department and the other firms working on the SMP project. | | |
| c. | Master Plan for Abu Dhabi International Airport (Abu Dhabi, United Arab Emirates) | Ongoing | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As part of the Airport Master Plan for Abu Dhabi International Airport, Mr. Lucette served as the airside leader for the airfield planning study. The goal of that effort is to evaluate the need for additional airfield capacity and determine a strategy to implement an airfield expansion over the next 30 years. His role is to supervise the preparation of the runway demand capacity analyses and lead the alternatives development in collaboration with the terminal and landside planning teams. | | |
| d. | Aviation Activity Forecasts for Page Field Airport (Fort Myers, Florida) | 2010 | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As part of Vision of the Future REALIZED 2030 (redevelopment plan of the Landside, Terminal and Airside areas), R&A has been tasked to evaluate the needs of the airport and create alternatives in all the functional areas to meet the future demand. VFR2030 required that Mr. Lucette commute weekly to Dallas/Fort Worth International Airport in order to provide technical support and on-site coordination with the other consulting firms of the team. His work has included land use planning, facilities site selection and planning, airlines operating costs analyses, landside master planning, parking garage design, roadway design, and terminal/landside development phasing. | | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

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|---|--|---|----------------------------|
| 12. NAME Eugene R. Peters, LEED AP | 13. ROLE IN THIS CONTRACT Sustainability Consultant | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 27 | b. WITH CURRENT FIRM 12 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> Ricondo & Associates, Inc. (Chicago, Illinois) | | | |
| 16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science – Biology and Environmental Health, Illinois State University Master of Science – Community and Regional/Environmental Planning, University of Texas at Austin | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Association of Airport Executives (Environmental Services Committee member) Airports Council International (Co-Chair of Sustainability Working Group) US Green Building Council Leadership in Energy and Environmental Design Accredited Professional (LEED) | | | |

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION <i>(City and State)</i> | (2) YEAR COMPLETED | |
|----|--|-----------------------|---|
| | | PROFESSIONAL SERVICES | CONSTRUCTION <i>(If Applicable)</i> |
| a. | Sustainability Management Plan for Denver International Airport (Denver, Colorado) | Ongoing | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2011, Denver International Airport engaged R&A as prime consultant to prepare a Sustainability Management Plan (SMP). R&A conducted visioning sessions with stakeholders and the public; compiled a sustainability baseline; undertaken a gap assessment of policies, programs, systems, and data; developed goals and objectives; identified and evaluated initiatives for implementation; and prepared an implementation plan. The SMP provides a roadmap to advance a systematic process to integrate sustainability management across the organization. Mr. Peters is the Project Manager for the SMP, which is to be completed mid-2013. | | Check if project performed with current firm: <input checked="" type="checkbox"/> |
| b. | Chicago O'Hare International Airport and Chicago Midway Airport, Sustainability Coordination (Chicago, Illinois) | Ongoing | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Preceding the O'Hare Modernization Program (OMP) EIS/ROD in 2005, R&A has supported the CDA in developing design and construction sustainability guidelines through a collaborative effort among industry experts and stakeholders to create the <i>Sustainable Airport Manual (SAM)</i> . The SAM applies to all types of airport projects from planning, design and construction, operations and maintenance, concessions and tenants, and administration, and is one of the first to establish rating criteria and an award recognition program. Mr. Peters supports SAM implementation and assists in monitoring and tracking SAM, and assisted in development of CDA's <i>A Sustainable Path</i> annual report card. | | Check if project performed with current firm: <input checked="" type="checkbox"/> |
| c. | ACRP Report 42, Sustainable Construction Practices for Transportation Research Airport Cooperative Research Program | 2010 | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Peters served as the Project Manager for the detailed evaluation of almost 500 sustainable construction practices and methods. His work included evaluation of economic, environmental and operational considerations, and several unique case study evaluations for specific construction practices. The report was published in March 2011. | | Check if project performed with current firm: <input checked="" type="checkbox"/> |
| d. | ACRP 02-28 Update to the Sustainable Aviation Guidance Alliance Sustainable Guidelines and Practices Database | Ongoing | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2009, SAGA – a collaboration of aviation industry organizations and leaders in sustainability - developed sustainability guidelines for the aviation industry. Mr. Peters was an early contributor to SAGA, and assisted in the development of the <i>Sustainable Aviation Resource Guide: Planning, Implementing and Maintaining a Sustainability Program at Airports</i> . R&A created a searchable Sustainability Database of over 950 sustainability airport policies, technologies, and strategies, with over 65 searchable criteria based on the EONS (Economic, Operational, Natural Resource, and Social). ACRP 02-28 is updating the SAGA website and Database. Mr. Peters is the task leader for updating the Database. | | Check if project performed with current firm: <input checked="" type="checkbox"/> |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

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|--|--|---|---------------------------|
| 12. NAME Casey L. Venzon, LEED AP | 13. ROLE IN THIS CONTRACT Sustainability Consultant | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 7 | b. WITH CURRENT FIRM 7 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> Ricondo & Associates, Inc. (Chicago, Illinois) | | | |
| 16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Arts – Business Administration and Economics, Coe College | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> US Green Building Council Leadership in Energy and Environmental Design Accredited Professional (LEEDBD+C) | | | |

19. RELEVANT PROJECTS

| | | | |
|----|---|----------------------------------|-------------------------------------|
| a. | (1) TITLE AND LOCATION <i>(City and State)</i> Aviation Planning Services for Chicago O’Hare and Midway International Airports (Chicago, Illinois) | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE For the Sustainability Planning and Implementation Strategies component of this project, Mr. Venzon researches and reports on the feasibility of implementing sustainability projects for the Chicago Department of Aviation (CDA), including alternative fuels and low-emission fleet vehicles, renewable energy, social sustainability and communication strategies, vegetated green roofs, and other topics. Mr. Venzon assisted in compiling the CDA 2011 Sustainability Report and the CDA 2012 Sustainability Plan. | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(If Applicable)</i> |
| b. | (1) TITLE AND LOCATION <i>(City and State)</i> O’Hare Modernization Program (OMP), Chicago O’Hare International Airport (Chicago, Illinois) | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As a LEED Accredited Professional, Mr. Venzon tracks construction progress for the City of Chicago’s OMP to ensure compliance with sustainable construction practices specified in the City’s Sustainable Airport Manual. Mr. Venzon helps ensure that environmentally, socially, and economically responsible principles are incorporated into all aspects of design and construction. | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(If Applicable)</i> |
| c. | (1) TITLE AND LOCATION <i>(City and State)</i> Transportation Research Board, Airport Cooperative Research Program (ACRP) Project 02-30, Enhancing the Airport-Industry SAGA Website | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Venzon assisted in developing, organizing, and evaluating the Sustainable Aviation Guidance Alliance (SAGA) database, a searchable database of 972 airport-specific sustainability practices that can be implemented at airports of all types and sizes within and outside the U.S. (www.airportsustainability.org). As part of ACRP 02-30, Mr. Venzon is enhancing the technical and organizational content of the SAGA database, including updating the database with hundreds of new industry best-practices. | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(If Applicable)</i> |
| d. | (1) TITLE AND LOCATION <i>(City and State)</i> Transportation Research Board, Airport Cooperative Research Program (ACRP) Project 08-01, Sustainable Airport Construction Practices | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Venzon researched and evaluated 480 sustainable practices, methods, procedures, and technologies for airport construction projects. He compiled the practices in a public database collection that enables users to quickly identify practices to consider. | PROFESSIONAL SERVICES 2010 | CONSTRUCTION <i>(If Applicable)</i> |
| e. | (1) TITLE AND LOCATION <i>(City and State)</i> Chino Airport Smart Growth Demonstration Project (Chino, California) | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Venzon assisted in developing the Chino Airport Smart Growth Plan to serve as a model for comprehensive airport vicinity land use planning. The Plan incorporates planning concepts that emphasize compact development, integrate interdependent land uses, construct streets and buildings from a pedestrian perspective, and provide safe and affordable transportation. | PROFESSIONAL SERVICES 2011 | CONSTRUCTION <i>(If Applicable)</i> |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

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|--|--|--|---------------------------|
| 12. NAME David P Bjorneboe | 13. ROLE IN THIS CONTRACT Planner | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 23 | b. WITH CURRENT FIRM 4 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> Basulto Management Consulting, Hollywood, Florida | | | |
| 16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Embry-Riddle Aeronautical University, Daytona Beach, FL Aviation Business Administration | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> N/A | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Association of Airport Executives, Florida Airports Council | | | |

19. RELEVANT PROJECTS

| | | |
|---|-------------------------------|---|
| (1) TITLE AND LOCATION <i>(City and State)</i> South Runway Expansion Program Ft. Lauderdale, Florida | (2) YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2009 | CONSTRUCTION <i>(If applicable)</i> 2014 |
| a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Performed project planning activities for the design and construction of new 8000 foot runway at Fort Lauderdale/Hollywood International Airport to include preparation of Environmental Impact Statement, airport capacity, and compliance with Federal and State requirements. Construction Cost - \$790M. | | |
| (1) TITLE AND LOCATION <i>(City and State)</i> North Terminal Expansion Program Miami, Florida | (2) YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 1996 | CONSTRUCTION <i>(If applicable)</i> 2013 |
| b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Performed project planning activities for the design and construction of new 8600 foot runway, Concourse A-D Expansion, Miami Intermodal Center and various facility/airfield improvement projects at Miami International Airport Construction Cost - \$3B. | | |
| (1) TITLE AND LOCATION <i>(City and State)</i> General Aviation Airport Planning Miami/Ft. Lauderdale, Florida | (2) YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2013 | CONSTRUCTION <i>(If applicable)</i> |
| c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Performed project planning activities for the design and construction of new aviation facilities at GA airports to include preparation of Environmental Impact Statements, airport capacity analyses, compliance with Federal and State requirements, NAVAID facilities, and landside/airside components. | | |
| (1) TITLE AND LOCATION <i>(City and State)</i> | (2) YEAR COMPLETED | |
| | PROFESSIONAL SERVICES | CONSTRUCTION <i>(If applicable)</i> |
| d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm | | |
| (1) TITLE AND LOCATION <i>(City and State)</i> | (2) YEAR COMPLETED | |
| | PROFESSIONAL SERVICES | CONSTRUCTION <i>(If applicable)</i> |
| e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm | | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

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|--|---|---|-----------------------------------|
| 12. NAME Aileen Maguire Meyer, P.E., AICP | 13. ROLE IN THIS CONTRACT Sustainability Planning | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 21 | b. WITH CURRENT FIRM 12 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> C&S Companies, Rochester, New York | | | |
| 16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of City Planning, Boston University, Boston, MA Civil Engineering, Rensselaer Polytechnic Institute B.S., Troy, NY | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> P.E., New York, Massachusetts, American Institute of Certified Planners | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Planning Association; Institute of Transportation Engineers; Society of College and University Planners | | | |

19. RELEVANT PROJECTS

| | | | |
|----|--|---|-------------------------------------|
| a. | (1) TITLE AND LOCATION <i>(City and State)</i> Sustainable Airport Master Plan Ithaca Tompkins Regional Airport, Ithaca, NY | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Managed the traffic and transportation planning portion of this unique master plan, developing strategies for reducing the airport's carbon footprint. Ithaca was the first airport in the country to develop a master plan that fully incorporates sustainability into the planning process. An overall project goal is for this master plan to serve as a learning tool and template for the FAA and other airports to learn best practices and develop guidelines to apply sustainability principles to other projects. | PROFESSIONAL SERVICES 2012 | CONSTRUCTION <i>(if applicable)</i> |
| b. | (1) TITLE AND LOCATION <i>(City and State)</i> Sustainable Airport Master Plan Kent State University Airport, Stow, OH | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager for a sustainable master plan for this general aviation public-use facility owned by the university and used primarily for its flight training program. The airport had previously decided to close the facility, but now intends to keep it open. A considerable amount of public outreach is included in the project. Students and staff from Kent State will be involved in sustainability baseline assessments and recommendations. | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if applicable)</i> |
| c. | (1) TITLE AND LOCATION <i>(City and State)</i> Finger Lakes Regional Sustainability Plan Monroe County, NY | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Responsible for consultant team project management, deliverables and quality assurance for the sustainability plan for the nine-county region. The plan will improve economic and environmental health. The objective is to build on sustainability efforts in the Genesee-Finger Lakes Region by establishing a framework for infrastructure investment decision making, outlining specific actions to reduce greenhouse gas emissions by 80 percent by the 2050 | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if applicable)</i> |
| d. | (1) TITLE AND LOCATION <i>(City and State)</i> Livingston County Transportation Connectivity Plan Livingston County, NY | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager for the development of a comprehensive county-wide plan to develop a sustainable transportation system that addresses: People by providing efficient and equitable transportation choices that encourage activity and improvement in public health; Place by reducing vehicle GHG emissions; and Prosperity by reducing the need for infrastructure investment and reducing the cost of personal and freight transportation. | PROFESSIONAL SERVICES 2013 | CONSTRUCTION <i>(if applicable)</i> |
| e. | (1) TITLE AND LOCATION <i>(City and State)</i> Airport Master Plan Plattsburgh International Airport, NY | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager for airport master plan for this commercial service facility that was converted from a former closed Air Force Base. Responsibilities on the master plan project include project management, AGIS survey and file uploads, research, obstruction and environmental studies, forecasting, analysis of demand, capacity and facility requirements, development and assessment of alternatives and public presentations. | PROFESSIONAL SERVICES 2013 | CONSTRUCTION <i>(if applicable)</i> |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|--|--|---|----------------------------------|
| 12. NAME Matthew McQuinn, P.E., CM, LEED AP | 13. ROLE IN THIS CONTRACT Energy | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 8 | b. WITH CURRENT FIRM 2 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> C&S Companies, Orlando, FL | | | |
| 16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Engineering, University of Central Florida | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer, Florida; Certified Energy Manager; LEED Accredited Professional BD+C | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Association of Energy Engineering, 2010 | | | |

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION <i>(City and State)</i> | (2) YEAR COMPLETED | |
|----|--|-----------------------|-------------------------------------|
| | | PROFESSIONAL SERVICES | CONSTRUCTION <i>(if applicable)</i> |
| a. | Page Field Terminal Building Fort Myers, FL | 2012 | 2012 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> <i>Check if project performed with current firm</i> LEED documentation for a two story 22,000-square-foot airport terminal building; including ticketing, baggage handling, and airport administrative offices. Work consisted of chilled water VAV HVAC system, high efficiency lighting with occupancy sensors, low water flow plumbing fixtures, and fire suppression system. Project achieved LEED Certified rating. \$10 million. | | |
| b. | Public Works Facility, City of Oviedo Oviedo, FL | 2009 | 2009 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> <i>Check if project performed with current firm</i> Assistant design engineer and LEED documentation for 5,200-square-foot office facility, housing 20 employees in an open office environment. Work consisted of raised floor system, UFAD HVAC design, packaged chilled water system, and high efficiency LED lighting. Project achieved LEED Gold rating. \$1.2 million. | | |
| c. | Partnership III, University of Central Florida Orlando, FL | 2009 | 2009 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> <i>Check if project performed with current firm</i> LEED documentation for 120,000-square-foot facility with classroom, laboratory, and administration space. Work consisted of chilled water VAV HVAC system, high efficiency lighting with occupancy sensors, low water flow plumbing fixtures, and fire suppression system. Laboratory spaces were provided with variable speed fume hood exhaust system that saves on energy usage while hoods are not in use. Project is pending LEED Silver rating. \$18.5 million. | | |
| d. | STEM Building, Indian River State College Fort Pierce, FL | 2012 | 2012 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> <i>Check if project performed with current firm</i> LEED documentation for 50,000-square-foot facility with classroom and laboratory space. Work consisted of chilled water VAV HVAC system, high efficiency lighting with occupancy sensors, low water flow plumbing fixtures, and fire suppression system. Laboratory spaces were provided with variable speed fume hood exhaust system to maintain negative pressure to the lab space while saving on energy usage while hoods were not in use. Project achieved LEED Gold rating. \$15 million. | | |
| e. | Vehicle Maintenance Facility, Brevard County Central Disposal Facility, Cocoa, FL | 2011 | 2011 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> <i>Check if project performed with current firm</i> Project manager and lead HVAC design engineer for a 9,000-square-foot, 3-bay vehicle maintenance building. Work consisted of new HVAC systems, vehicle exhaust system, office and records storage space, new lighting, on-site back-up generator, and new lube distribution system. \$3.2 Million. | | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|--|--|--|----------------------------------|
| 12. NAME Carly Shannon | 13. ROLE IN THIS CONTRACT Sustainability Planning | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 3 | b. WITH CURRENT FIRM 3 |
| 15. FIRM NAME AND LOCATION (City and State) C&S Companies, San Diego, California | | | |
| 16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Environmental Geoscience, Boston College | | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) LEED Accredited Professional BD+C Envision Sustainability Professional | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Sustainable Airports Working Group Associated General Contractors of America, Environmental Stewardship Committee, 2013 | | | |
| Airports Consultants Council-Planning Committee & Sustainability Committee | | | |

19. RELEVANT PROJECTS

| | | | |
|-----------|---|---|-------------------------------------|
| a. | (1) TITLE AND LOCATION (City and State) Sustainability Management Plan, Fresno Yosemite International Airport, Fresno, California | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2012 | CONSTRUCTION <i>(if applicable)</i> |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <i>Check if project performed with current firm</i> The overall goal of the sustainability management plan is to gather baseline information such as energy consumption, solid waste, recycling, etc. Once baselines are established, goals and reduction targets will be set. Carly is responsible for obtaining general airport information and researching past and current sustainable initiatives undertaken by the Airport. She also assisted the project manager in the writing of the final report. | | |
| b. | (1) TITLE AND LOCATION (City and State) Sustainability Management Plan Salt Lake City International Airport, UT | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if applicable)</i> |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <i>Check if project performed with current firm</i> Carly is the project lead for C&S (sub-consultant) and is responsible for data collection, analysis and report-writing efforts related to waste management and recycling; and governance, organizational capacity, and procedures. She led the airport's waste audit and coordinates C&S's efforts. She is also overseeing the air quality analysis and project management tasks. | | |
| c. | (1) TITLE AND LOCATION (City and State) Sustainable Airport Master Plan Kent State University Airport, Stow, OH | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if applicable)</i> |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <i>Check if project performed with current firm</i> Carly is preparing the narrative report for the master plan update, including the documentation and analysis of existing conditions, review of historical aviation activity, and determination of facility requirements based on forecasted aviation demand. This project recently received additional FAA funds to integrate sustainability into the master planning process; Carly will play a key role in this effort. | | |
| d. | (1) TITLE AND LOCATION (City and State) On-Call Airport Sustainability Consulting City of Phoenix Department of Aviation, AZ | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if applicable)</i> |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <i>Check if project performed with current firm</i> Carly is serving as planner for this assignment, which covers on-call assignments related to sustainability at the city's three airports—Phoenix Sky Harbor, Deer Valley, and Goodyear. She has assisted the City in researching and pursuing funds for zero-emissions vehicles through the FAA's Zero Emissions Vehicle and Infrastructure (ZEV) Pilot Program. | | |
| e. | (1) TITLE AND LOCATION (City and State) Lake Tahoe Airport Master Plan South Lake Tahoe, California | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(if applicable)</i> |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> <i>Check if project performed with current firm</i> Carly is serving as planner for the ongoing master plan and will lead the integration of sustainability into this effort in anticipation of upcoming federal requirements. A major focus of the master plan will be to evaluate the potential for reinstating commercial service at this Part 139 airport. | | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|---|---|---|----------------------------|
| 12. NAME Sheryl A. Dickey | 13. ROLE IN THIS CONTRACT Public Involvement | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 25 | b. WITH CURRENT FIRM 19 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> Dickey Consulting Services, Inc. (Fort Lauderdale, Florida) | | | |
| 16. EDUCATION <i>(Degree and Specialization)</i> B.S.S.W. – Project Management and Public Relations | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Certification-Charrette Planner and Public Meeting Facilitator, Virginia Tech | | | |

19. RELEVANT PROJECTS

| | | | |
|----|--|----------------------------------|-------------------------------------|
| a. | (1) TITLE AND LOCATION <i>(City and State)</i> Public Relations and Community Awareness Services, North County Neighborhood Improvement Project (Broward County, Florida) | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Provide assistance to the staff relative to the public awareness program. Prepare project collateral brochures, flyers, fact sheets, notification letters, news articles, and public notices. Dissemination of brochures, flyers, and notices. Prepare a database of homeowners, residents and businesses. Attend meetings with established neighborhood associations or community groups, schools, PTA's, and business owners. Attend progress meetings and provide coordination assistance during construction. Development and distribution of a newsletter for residents and businesses. Ms. Dickey was the Project Manager for Public Outreach responsible for the above tasks. | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(If Applicable)</i> |
| b. | (1) TITLE AND LOCATION <i>(City and State)</i> Pompano Beach Boulevard Streetscapes and Dune Revitalization (Pompano Beach, Florida) | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE DCS provided professional public involvement/public outreach services for the City. DCS created a database of key stakeholders, community activists, property owners, and residents and coordinated and facilitated focus groups and public meetings. The DCS contract is \$17,250.00 | PROFESSIONAL SERVICES 2011 | CONSTRUCTION <i>(If Applicable)</i> |
| c. | (1) TITLE AND LOCATION <i>(City and State)</i> Everglades Holiday Park Master Plan (Broward County, Florida) | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Develop a Public Involvement Plan (PIP) to assist in determining user needs and priorities for the redevelopment of Everglades Holiday Park: Public Involvement Notices, Interviews with Stakeholders and Focus Groups, Public Workshop, and Facilitated Consensus. Ms. Dickey was the Project Manager for this outreach. | PROFESSIONAL SERVICES 2008 | CONSTRUCTION <i>(If Applicable)</i> |
| d. | (1) TITLE AND LOCATION <i>(City and State)</i> City of Lake Worth Master Plan Update (Lake Worth, Florida) | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Developed, coordinated and implemented a Public Involvement Program for EDSA. Development and implementation of the Public Involvement Plan. Ms. Dickey provided economic and community development/redevelopment planning and community involvement outreach services. | PROFESSIONAL SERVICES 2008 | CONSTRUCTION <i>(If Applicable)</i> |
| e. | (1) TITLE AND LOCATION <i>(City and State)</i> SR A1A PD&E Study (Deerfield Beach, Florida) | (2) YEAR COMPLETED | |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE DCS developed a Public Involvement Program for the project and currently provides professional consulting services for the project. DCS communicates with elected officials, government agencies, and key stakeholders regarding improvements to SR A1A. DCS schedules, attends, and records progress meetings, public meetings and public hearings. The DCS contract is \$56,537.80. | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION <i>(If Applicable)</i> |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|---|--|---|----------------------------------|
| 12. NAME Tiffany Hom Sellinger | 13. ROLE IN THIS CONTRACT DY – Environmental Planner | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 4 | b. WITH CURRENT FIRM 4 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> DY Consultants Garden City, New York 11530 | | | |
| 16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Arts, Environmental Sciences & Urban Planning University of Virginia | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> New York Airport Managers Association | | | |

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION <i>(City and State)</i> | (2) YEAR COMPLETED | |
|----|---|--|-------------------------------------|
| | | PROFESSIONAL SERVICES | CONSTRUCTION <i>(IF APPLICABLE)</i> |
| a. | Airport Vision Plan Republic Airport, East Farmingdale, NY | On-going | N/A |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Planner for a planning study that is designed to build consensus between the Airport (3rd largest in New York State) and its stakeholders. Role consists of aiding in study strategic management, close client coordination, public and private outreach, designing of deliverables and end report. Organized over 39 public outreach meetings, survey responses and analysis. Responsible for coordination between prime and subconsultants. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| b. | Air Traffic Control Tower Siting & Environmental Assessment East Hampton Airport, East Hampton, NY | 2013 | N/A |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner. Evaluated alternative locations for seasonal air traffic control tower, taking into consideration line of site, airport design standards, airport regulations (FAR PART 77), and environmental impacts. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| c. | DRBA Airport Layout Plans Updates Millville & Cape May, NJ | 2013 | N/A |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Planner. Primary activities include aiding in creation of comprehensive aeronautical forecasts, impact assessments of local attractions, and environmental considerations. Developed Working Paper #3's initial analysis of environmental impacts based on proposed action and measured feasibility of proposed actions. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| d. | Environmental Assessment for Short-Term Projects Hammonton Airport, Hammonton, NJ | 2013 | N/A |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner. Project included extended coordination between Town and environmental organizations, NJ Pinelands Commission and NJDEP's Wharton State Forest for an Environmental Assessment for Short-Term projects. Responsibilities included the evaluation of potential environmental impacts associated with the construction of multiple landside and airside facility improvements. In particular, documented and analyzed impacts to DOT Section 4(f) lands. FONSI reached in Spring 2013. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| e. | Sustainability Plans – Newark Liberty International & Teterboro Airports New Jersey Airports | 2013 | N/A |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Planner. Assisted in the assessment and narrowing of airport sustainability focus areas. Assisted in the coordination of stakeholders at Newark Liberty International and Teterboro Airports. | <input checked="" type="checkbox"/> Check if project performed with current firm | |

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|---|--|---|---------------------------|
| 12. NAME Michael Kenney | 13. ROLE IN THIS CONTRACT Emissions/GHG Inventory | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 33 | b. WITH CURRENT FIRM 9 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> KB Environmental Sciences, Inc. | | | |
| 16. EDUCATION (DEGREE AND SPECIALIZATION) BA - Environmental Sciences MS - Environmental Engineering Sciences | | 17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Certified Hazardous Materials Manager – U.S. Qualified Environmental Professional – U.S. Certified Industrial Hygienist – U.S. | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Member, Air and Waste Management Association, Airport Council International, Airport Consultants Council Co-editor and contributing author, Airport Air Quality, University of California, Berkeley, 2004. Competent Toastmaster. | | | |

19. RELEVANT PROJECTS

| (1) TITLE AND LOCATION <i>(City and State)</i> | (2) YEAR COMPLETED | |
|---|-----------------------|------------------------------|
| | PROFESSIONAL SERVICES | CONSTRUCTION (If Applicable) |
| a. FAA Air Quality Assessment Guidebooks and Training (Washington, DC) | 2014 | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Involved in the preparing the FAA's "Guidance Materials for the Assessment of Hazardous Air Pollutants (and Organic Gases)" from aircraft and airports. Responsible for updating FAA's "Airport Air Quality Handbook", Air Quality Sections of FAA Order 1050.1E "Environmental Impacts Policies & Procedures" and supporting "Desk Reference"; all of which are used nationwide for air quality assessments at airports. Developer and Lead Instructor for FAA's "Airport Air Quality and EDMS Course" given to over 250 agency personnel in all FAA regions. Project Manager responsible for the air quality analyses for proposed airport improvements and approval under NEPA. Also involved in preparation of multiple-airport emissions inventories for SIP, development of air quality monitoring Work Plans and other airport-related air quality management strategies. \$150,000. | | |
| b. Transportation Research Board, Airport Cooperative Research Program Projects (Washington, DC) | 2014 | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Involved in several ACRP research initiatives designed to reduce air quality impacts of airport-related emission sources. Assignments include ACRP 02-10: <i>Practical Greenhouse Gas Emission Reduction Strategies for Airports</i> , ACRP 02-13: <i>A Guidebook for Improving Environmental Performance at Small Airports</i> , and ACRP 02-17: <i>Measuring PM Emissions from Ground Support Equipment, Auxiliary Power Units, and Tires and Brakes</i> . | | |
| d. International Civil Aeronautics Organization (ICAO) Guidebook and Training. | 2008 | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared the technical guidelines for computing air emissions (including PM) from stationary sources at airports for ICAO's <i>Emissions Inventory Guidebook</i> used internationally. Also responsible for the preparation and instruction of ICAO's Airport Greenhouse Gas Tutorial – a first of its kind. | | |
| e. Tampa International Airport Sustainability Master Plan (Tampa, Florida) | 2014 | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager responsible for the assessment of air emission reduction measures for greenhouse gases (GHGs). This includes airport staff and stakeholder coordination, identification of GHG emission sources, and evaluation of reduction measures. | | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|---|--|--|---------------------------|
| 12. NAME Paul Sanford | 13. ROLE IN THIS CONTRACT Emissions/GHG Inventory | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 4 | b. WITH CURRENT FIRM 4 |
| 15. FIRM NAME AND LOCATION <i>(City and State)</i> KB Environmental Sciences, Inc. | | | |
| 16. EDUCATION (DEGREE AND SPECIALIZATION) BS - Environmental Science & Policy | | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Airport Council International (ACI) | | | |

19. RELEVANT PROJECTS

| | | | |
|----|---|--|------------------------------|
| a. | (1) TITLE AND LOCATION <i>(City and State)</i> Guidebook for Improving Environmental Performance at Small Airports (ACRP 02-13) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2014 | CONSTRUCTION (If Applicable) |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Involved in preparing the ACRP 02-13: A Guidebook for Improving Environmental Performance at Small Airports – responsible for the identification, assessment, and development of air emission management and reduction measures for all emission sources and types (including greenhouse gases) associated with small (e.g., non-hub) airports. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| b. | (1) TITLE AND LOCATION <i>(City and State)</i> Tampa International Airport Sustainability Master Plan (Tampa, Florida) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2014 | CONSTRUCTION (If Applicable) |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Technical analysts responsible for the development and assessment of air emission reduction measures for greenhouse gases (GHGs). This includes airport staff and stakeholder coordination, identification and quantification of GHG emission sources, and evaluation of reduction measures. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| c. | (1) TITLE AND LOCATION <i>(City and State)</i> Northeast Florida Regional Airport, Airport Sustainability Master Plan (St. Augustine, Florida) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2012 | CONSTRUCTION (If Applicable) |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Technical analysts responsible for the development and assessment of air emission reduction measures for greenhouse gases (GHGs). This includes airport staff and stakeholder coordination, identification and quantification of GHG emission sources, and evaluation of reduction measures. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| d. | (1) TITLE AND LOCATION <i>(City and State)</i> Nashville International Airport, Sustainable Master Plan & Air Quality Assessment Services (Nashville, Tennessee) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2014 | CONSTRUCTION (If Applicable) |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Assisted the Metropolitan Nashville Airport Authority in their participation in the FAA's Sustainable Master Plan Pilot Program. Computed a comprehensive criteria pollutant emissions inventory of baseline (i.e. current) and forecasted airport operations. The information will be integral in helping to guide the airport making effective environmental decisions as they pertain to air quality impacts operating at the airport, as well as to assist in the planning of their long-range initiatives. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| e. | (1) TITLE AND LOCATION <i>(City and State)</i> "Green Build" Greenhouse Gas (GHG) Management Plan for San Diego International Airport (San Diego, California) | (2) YEAR COMPLETED | |
| | | PROFESSIONAL SERVICES 2014 | CONSTRUCTION (If Applicable) |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Involved in the quantification of GHGs associated with the construction and operation of the "Green Build" improvements to the airport. Involved airport staff and stakeholder coordination, identification of GHG emission sources, and evaluation of reduction measures. | <input checked="" type="checkbox"/> Check if project performed with current firm | |

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

| | | |
|--|----------------------------------|------------------------------|
| 21. TITLE AND LOCATION <i>(City and State)</i> Sustainability Master Plan for Tampa International Airport (Tampa, Florida) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION (if Applicable) |

| | | |
|--|---|--|
| 23. PROJECT OWNER'S INFORMATION | | |
| a. PROJECT OWNER Hillsborough County Aviation Authority | b. POINT OF CONTACT NAME Ms. Alice Price, AICP | c. POINT OF CONTACT TELEPHONE NUMBER 813-870-7846 |

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

R&A was selected in 2013 by the Hillsborough County Aviation Authority (the Authority) to prepare a Sustainability Master Plan (SMP) for Tampa International Airport. As the Authority begins the implementation of the projects identified in the recently completed master plan update (MPU) for the airport, the organization has prioritized undertaking the development in a manner that helps to reduce potential environmental consequences, achieve economic benefits, and increase interactions with local communities and stakeholders, thereby incorporating sustainability as a core objective in the airport's long-range planning.



In a comprehensive approach to sustainability planning, the overall project encompasses three specific components: a Sustainability Management Plan that will serve as a tool for the incorporation of sustainability into planning and decision-making at the airport over the long term; a Sustainable Master Plan that will enhance the sustainability aspects of master plan projects as they are implemented; and a Sustainable Design Criteria Manual that will guide the sustainable development of Authority projects through the design process. The Sustainable Master Plan would interpret the MPU through a "sustainability lens," set forth the Authority's sustainability vision and management/communications actions in the Sustainability Management Plan, and define an implementation tool to guide sustainable project design in the Sustainable Criteria Design Manual. Together, the MPU and complementary sustainability project components will guide long-range development decisions that align with the Authority's sustainability vision for the airport.

Through the sustainability planning process, HCAA will have an opportunity to provide input to the Federal Aviation Administration (FAA) on useful results and lessons learned through the planning process, supporting the FAA's goal of developing uniform guidance for considering sustainability at airports and through the master planning process. R&A leads a team of 6 firms. The project is targeted for completion in June 2014.

KBE is involved in the quantification and assessment of greenhouse gases (GHGs). This initiative will enable the project team to identify the various sources of GHGs at the Airport, assess their characteristics and magnitude, and develop effective mitigation measures, should the need arise. The work involves airport staff and stakeholder coordination, field work assessing the operational characteristics of GHG sources, and the documentation of results.

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| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | |
| a. | (1) FIRM NAME Ricondo & Associates, Inc. | (2) FIRM LOCATION <i>(City and State)</i> Chicago, Illinois | (3) ROLE Prime Consultant |
| b. | (1) FIRM NAME KBE Environmental, Inc. | (2) FIRM LOCATION <i>(City and State)</i> St. Petersburg, Florida | (3) ROLE Subconsultant |

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| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 2 |
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|--|-------------------------------|------------------------------|
| 21. TITLE AND LOCATION <i>(City and State)</i> Sustainability Management Plan for Denver International Airport (Denver, Colorado) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2013 | CONSTRUCTION (if Applicable) |

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| 23. PROJECT OWNER'S INFORMATION | | |
| a. PROJECT OWNER City and County of Denver Department of Aviation | b. POINT OF CONTACT NAME Ms. Aimee Fenlon | c. POINT OF CONTACT TELEPHONE NUMBER 303-342-2636 |

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

In 2011, the City and County of Denver, Department of Aviation (the Department) engaged R&A, as prime consultant to prepare a Sustainability Management Plan (SMP) for Denver International Airport. The SMP is the largest of the FAA's Sustainable Master Plan Pilot Program projects, the purpose of which is to provide input for the development of guidance for sustainable master plans and sustainable management plans that may help reduce environmental impacts, achieve economic benefits, and increase interaction with local communities and, in doing so, make sustainability a core objective in airport planning. Through this project, R&A has conducted visioning sessions with airport stakeholders and the public; compiled a sustainability baseline; undertaken a gap assessment of management policies, programs, systems, tools, and data; facilitated the development of goals and objectives; identified and evaluated sustainability initiatives for implementation; and prepared an implementation plan. Prior to the project, the Department had implemented many sustainability initiatives; however, these achievements were not guided by a disciplined sustainability planning process or managed systematically by the Department. The SMP implementation plan, therefore, provides the Department a roadmap to advance a systematic process to integrate sustainability management across the organization, based on the "Plan-Do-Check-Act" management framework that encourages continuous improvement.



The process included internal coordination across the organization and public outreach. Implementation was informed by the gap assessment of management policies, programs, systems, tools, and data to define how sustainability management can integrate with existing systems and practices. Denver's Environmental Management System (EMS) has proven to be a good foundation for including economic, operations, and social sustainability considerations and opportunities in the SMP. With consideration to GRI reporting categories, a Report Card was developed for on-going tracking and reporting of goal achievement. The SMP, to be completed in mid-2013, is intended to evolve over time and provide DEN a structure for future sustainability considerations.

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| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | |
| a. | (1) FIRM NAME Ricondo & Associates, Inc. | (2) FIRM LOCATION <i>(City and State)</i> Chicago, Illinois; Denver, Colorado | (3) ROLE Prime Consultant |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

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| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 3 |
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|---|----------------------------------|------------------------------|
| 21. TITLE AND LOCATION <i>(City and State)</i> Sustainable Master Plan for Vero Beach Municipal Airport (Vero Beach, Florida) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION (if Applicable) |

| 23. PROJECT OWNER'S INFORMATION | | |
|--|---|--|
| a. PROJECT OWNER City of Vero Beach | b. POINT OF CONTACT NAME Mr. Eric Menger | c. POINT OF CONTACT TELEPHONE NUMBER 772-978-4930 |

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

In August 2013, the City of Vero Beach, Florida, selected R&A to prepare a Sustainable Master Plan for Vero Beach Municipal Airport. The Sustainable Master Plan will be an update to the previous Master Plan completed for the airport in 2000. In the last 10 years, the environmental and financial operating conditions have evolved. General aviation activity was significantly affected by the September 11, 2001, terrorist attacks and the more recent economic downturn. Together, these factors needed to be addressed in an Airport Master Plan Update.



The City's main priorities for updating the Master Plan, which are aimed at enhancing the airport's sustainability, are outside the scope of a traditional Master Plan, and better aligned with the FAA's three core principles for sustainability: protecting the environment, maintaining high and stable levels of economic growth, and achieving social progress by recognizing stakeholder needs. In addition to the traditional analyses conducted for an airport master plan, such as activity forecasting or updating the airport layout plan, the Vero Beach Municipal Airport Sustainable Master Plan will include significant public involvement and a business sustainability analysis to determine opportunities for the airport to remain financially self-sustaining. To that end, creative approaches to attracting new business to the airport while minimizing its impact on the environment will be considered in the planning process.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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| a. | (1) FIRM NAME Ricondo & Associates, Inc. | (2) FIRM LOCATION <i>(City and State)</i> Miami, Florida | (3) ROLE Prime Consultant |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

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| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 4 |
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|---|-------------------------------|------------------------------|
| 21. TITLE AND LOCATION <i>(City and State)</i> Guidebook for Sustainable Airport Construction Practices (ACRP Report 42), (Washington, DC) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2010 | CONSTRUCTION (if Applicable) |

| 23. PROJECT OWNER'S INFORMATION | | |
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| a. PROJECT OWNER Transportation Research Board, Airport Cooperative Research Program | b. POINT OF CONTACT NAME Ms. Marci A. Greenberger | c. POINT OF CONTACT TELEPHONE NUMBER 202-334-1371 |

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

R&A was retained by the ACRP to lead a research team in identifying, documenting, and evaluating sustainable practices being implemented or that could be implemented on airport construction projects. A total of 480 practices were identified and are included in a database collection for public distribution (the Collection). The Collection includes practices, methods, procedures, and technologies for all stakeholders involved in the planning, design, and construction of airport development or redevelopment projects. The Collection, available for download from TRB's website, is a resource that enables the user (anyone involved in construction projects) to quickly and easily identify sustainable airport construction practices for consideration, regardless of airport size or project scope.



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| a. | (1) FIRM NAME Ricondo & Associates, Inc. | (2) FIRM LOCATION <i>(City and State)</i> Chicago, Illinois | (3) ROLE Prime Consultant |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

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| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 5 |
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| 21. TITLE AND LOCATION <i>(City and State)</i> South Runway Expansion Program for Fort Lauderdale/Hollywood International Airport (Fort Lauderdale, Florida) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2009 | CONSTRUCTION (if Applicable) 2014 |

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| 23. PROJECT OWNER'S INFORMATION | | |
| a. PROJECT OWNER Broward County Aviation Department | b. POINT OF CONTACT NAME Mr. Tom Jiargiello (former Director of Aviation) | c. POINT OF CONTACT TELEPHONE NUMBER Not available |

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

Basulto performed project planning activities for the design and construction of new 8000 foot runway at Fort Lauderdale/Hollywood International Airport to include preparation of Environmental Impact Statement, airport capacity, and compliance with Federal and State requirements. Construction Cost - \$790M.

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| a. | (1) FIRM NAME Basulto Management Consulting, Inc. | (2) FIRM LOCATION <i>(City and State)</i> Hollywood, Florida | (3) ROLE Subconsultant |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

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| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 6 |
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|---|-------------------------------|------------------------------|
| 21. TITLE AND LOCATION <i>(City and State)</i> Sustainability Management Plan for Fresno Yosemite International Airport (Fresno, California) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2013 | CONSTRUCTION (if Applicable) |

| 23. PROJECT OWNER'S INFORMATION | | |
|------------------------------------|--|--|
| a. PROJECT OWNER City of Fresno | b. POINT OF CONTACT NAME Mr. Kevin Meikle | c. POINT OF CONTACT TELEPHONE NUMBER 559-621-4536 |

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

C&S developed a sustainability management plan for Fresno Yosemite International Airport as part of the FAA's 10-airports nationwide sustainability planning pilot program. Fresno has already embraced the sustainability challenge through its many green initiatives, including having the nation's largest airport solar farm. The goals of the sustainability management plan are to achieve specific environmental, social, economic, and operational benefits, including: Facilitating the federal, state, and local approval/permitting process, Protecting natural resources, Improving relationships with community and agencies, Enhancing the airport's benefit to the community and Reducing the cost of development and/or operating and maintenance costs.



In order to establish realistic targets for improvement, C&S conducted baseline assessments in a wide range of categories and developed a report detailing the results of our findings. Baseline data in the following categories was collected and assembled into one baseline assessment report: Air emissions, Energy, Water quality, Water conservation, Noise, Landscape management, Solid waste and recycling, Indoor environmental quality, Hazardous materials, Surface transportation, Socioeconomic and community outreach and Sustainable site and land use compatibility. C&S team specialists gathered this information during site visits, working directly with airport personnel in many different operational areas, speaking with airport tenants, and meeting with vendors and representatives of the city and airport. Following the baseline assessment, the C&S team performed a gap analysis to determine how Fresno can move from its current baseline to meeting the sustainability goals.

Based on the established goals and the results of the baseline assessments and gap analysis, C&S developed an implementation plan to help the airport achieve the desired outcomes, including identifying sustainability measures that can be implemented both as part of future capital projects or as stand-alone initiatives. In addition, we developed a sustainability report card so that they can track progress on initiatives each year. The report card indicates which goals were met and how each year's numbers compare to the baseline year.

For the airport to execute their sustainability management plan, it is critical to keep in mind the many factors that go into implementing a plan. C&S helped the airport identify the information necessary to determine the timing and scope/scale of each initiative in terms of implementation requirements. We also looked at the projected return on investment for each sustainability initiative. For example, a controls system upgrade would reduce electricity and natural gas usage, saving the airport \$250,000 a year in operating costs. Numerous initiatives are driven primarily by environmental or social benefits, but are as valuable as those with demonstrated cost savings. A meaningful sustainability management plan goes beyond looking for cost-saving measures and takes a more holistic look at how the airport functions, considering environmental, social, and economic/ financial benefits.

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| a. | (1) FIRM NAME C&S Companies | (2) FIRM LOCATION <i>(City and State)</i> Orlando, Florida | (3) ROLE Prime Consultant |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

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| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 7 |
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| 21. TITLE AND LOCATION <i>(City and State)</i> Sustainability Management Plan for Salt Lake City International Airport (Salt Lake City, Utah) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES Ongoing | CONSTRUCTION (if Applicable) |

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| 23. PROJECT OWNER'S INFORMATION | | |
| a. PROJECT OWNER City of Salt Lake City | b. POINT OF CONTACT NAME Ms. Patty Nelis | c. POINT OF CONTACT TELEPHONE NUMBER 801-575-3472 |

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

C&S is on a team that is developing a sustainability management plan for Salt Lake City International Airport. This FAA-funded project will place the SLC's broad-reaching sustainability initiatives into a framework that will allow the airport leadership to assess performance and make informed choices about capital and other investments. The study includes a sustainability baseline assessment, key environmental issues relating airport infrastructure, natural resources, and social aspects, such as passengers and employees. The SMP will also include specialized assessments on air quality, waste management and recycling, water conservation, and governance/airport management. Potential sustainability strategies will be evaluated based on being environmentally and financially feasible, cost-effective, as well as not compromising the operational efficiency of SLC. The team will develop an implementation plan for the SMP that includes milestones, responsibilities, and tracks performance.



As a subconsultant to VHB, C&S is assisting with data collection, report preparation, and stakeholder coordination. C&S is responsible for three major resource categories: waste management and recycling; governance, organizational capacity, and procedures; and air quality and greenhouse gases.

As part of the baseline assessment, C&S developed a comprehensive protocol for an on-site waste audit that was facilitated and led by our staff. The methodology was shared with the FAA and may be used in their development of upcoming guidance documents on this topic.

C&S's air quality emissions inventory quantified criteria pollutants and greenhouse gases, which will help the airport determine which areas are in need of improvement and where their efforts should be focused.

C&S identified sustainability initiatives in both of these resource categories and is working with the project team and airport to evaluate and prioritize proposed measures. The governance, organizational capacity and procedures effort provided a review of the existing structure and processes to assist the airport in determining how initiatives could be implemented and what changes need to be made to the organization to integrate sustainability systematically.

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| a. | (1) FIRM NAME C&S Companies | (2) FIRM LOCATION <i>(City and State)</i> Orlando, Florida | (3) ROLE Prime Consultant |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

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| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 8 |
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| 21. TITLE AND LOCATION <i>(City and State)</i> City of Lake Worth Master Plan Update (City of Lake Worth, Florida) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2005 | CONSTRUCTION (if Applicable) |

| 23. PROJECT OWNER'S INFORMATION | | |
|--|---|--|
| a. PROJECT OWNER City of Lake Worth | b. POINT OF CONTACT NAME Paul Kissinger, EDSA Inc. | c. POINT OF CONTACT TELEPHONE NUMBER 954-524-3339 |

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

Brief background: Developed, coordinated and implemented a Public Involvement Program for EDSA. Development and implementation of the Public Involvement Plan

The challenge/issue that was addressed: Building Consensus throughout the community with the businesses and residents relative to land use, zoning, parking, housing, and commercial development.

Your firm's role/responsibility in the project: Provided economic and community development/redevelopment planning; community involvement/outreach services.

- Role of key staff in the project**
- Established a list of potential stakeholders.
 - Coordinated review of examples from two other communities that were used for "benchmarking" examples for Lake Worth.
 - Coordinated community visioning workshops and outreach.
 - Coordinated public meetings to educate and inform the community and government officials.
 - Public involvement data collection, Stakeholder Advisory Committee (SAC) workshops, schedule informational meetings, workshops, hearings; and management of community issues and concerns (responses to inquiries, etc.).
 - Comprehensive database/mailling list of all stakeholders and tracking system for all public correspondence.

- The results and deliverable:** Composed and updated monthly meeting collateral (Door signs, directional signs, maps, etc.)
- Conducted public/community analysis through surveys and compiled final report encompassing statistical and empirical data
 - Provided staff to translate: Spanish, Creole and Mayan
 - Executed photography and implemented event floor plan set up
 - Conducted research to ensure clear and concise dissemination of information to the public

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| a. | (1) FIRM NAME Dickey Consulting Services | (2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida | (3) ROLE Project Management and Community Outreach |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

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|---|--|
| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 9 |
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|---|-------------------------------|------------------------------|
| 21. TITLE AND LOCATION <i>(City and State)</i> Sustainability Plans for Newark Liberty International and Teterboro Airports (New Jersey) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2013 | CONSTRUCTION (if Applicable) |

23. PROJECT OWNER'S INFORMATION

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| a. PROJECT OWNER Port Authority of New York and New Jersey | b. POINT OF CONTACT NAME Ms. Zoe Haseman, Leigh Fisher | c. POINT OF CONTACT TELEPHONE NUMBER 650-375-5365 |
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

DY was part of the team selected to prepare Sustainability Plans Newark Liberty and Teterboro Airports as part of a pilot program by the Federal Aviation Administration. DY's role was to contribute to all aspects of the plan development, focusing on data collection of specific focus areas and providing expertise related to the Port Authority airports, as needed. The Sustainability Plans focused on the "Triple Bottom Line" – economic growth, social responsibility and environmental stewardship.

The approach to developing the sustainability plan was based on the process identified by the Sustainable Aviation Guidance Alliance (SAGA). The process begins with building a sustainability team, establishing a vision and guiding principles, determining focus areas and strategic goals, and conducting an initial assessment. Using that baseline data, the team began identifying and ranking opportunities, refining their goals, recommending actions, setting targets and finally developed the Action and Monitoring Plans.

A successful Sustainability Plan requires buy-in from the appropriate stakeholders. The project team worked closely with staff from the airports and PANYNJ, as well as FAA, the FBOs, airlines, vendors, etc. The stakeholders helped to refine the long list of potential sustainability topics to a narrower list of focus areas (ten for Newark, five for Teterboro) that is comprehensive in its coverage of airport concerns.

A kick-off meeting and several follow up stakeholder events were used to gather input and data. The team worked with PANYNJ to establish "visions" for each airport. Baseline Reports were developed. DY was intimately involved in the land use, noise, wildlife and wetlands sections.

The Team drafted goals and objectives as a starting point for the Port Authority community to develop into their own final program. Ultimately, final Sustainability Plans will be produced, including Actions Plan and Monitoring Plans.

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| a. | (1) FIRM NAME DY Consultants | (2) FIRM LOCATION <i>(City and State)</i> Garden City, New York | (3) ROLE Subconsultant |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

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| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i> | 20. EXAMPLE PROJECT KEY NUMBER 10 |
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| 21. TITLE AND LOCATION <i>(City and State)</i> Guidebook for Improving Environmental Performance at Small Airports (ACRP 02-13) | 22. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2012 | CONSTRUCTION (if Applicable) |

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| 23. PROJECT OWNER'S INFORMATION | | |
| a. PROJECT OWNER Transportation Research Board (TRB) Airport Cooperative Research Program (ACRP) | b. POINT OF CONTACT NAME Mr. Michael Salamone | c. POINT OF CONTACT TELEPHONE NUMBER 202-334-1866 |

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

KB Environmental Sciences, Inc. (KBE) was involved in the development and preparation of the ACRP 02-13: *A Guidebook for Improving Environmental Performance at Small Airports* publication. This work involved the identification and assessment of air emission sources (i.e., aircraft, ground support equipment, etc.) and emission types (i.e., criteria pollutants, greenhouse gases, etc.) associated with small (e.g., non-hub) airports. From this assessment, Best Management Practices (BMPs) and other emission reduction measures were developed, evaluated and identified. Other information pertaining to the approximate costs, ease of implementation and potential liabilities were also assessed. The guidebook serves as a recent and useful foundation upon which airport sustainability programs can be prepared.

The overall cost of the work was approximately \$25,000 for KBE's services.

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| a. | (1) FIRM NAME KB Environmental Sciences, Inc. | (2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida | (3) ROLE Subconsultant |
| b. | (1) FIRM NAME | (2) FIRM LOCATION <i>(City and State)</i> | (3) ROLE |

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

| 26. NAMES OF KEY PERSONNEL (From Section E, Block 12) | 27. ROLE IN THIS CONTRACT (From Section E, Block 13) | 28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.) | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Pete Ricondo, PE | Officer-in-Charge | | | X | | | | | | | |
| Colleen E. Quinn, PE | Project Manager | X | X | | | | | | | | |
| Lisa M. Reznar | Deputy Project Manager | X | X | X | | | | | | | |
| Remy Lucette, PMP, CM | Sustainability Consultant | | | X | | | | | | | |
| Eugene R. Peters, LEED AP | Sustainability Consultant | | X | | X | | | | | | |
| Casey L. Venzon, LEED AP | Sustainability Consultant | | | | X | | | | | | |
| David P. Bjorneboe | Planner | | | | | X | | | | | |
| Aileen Maguire Meyer, PE, AICP | Sustainability Planning | | | | | | | | | | |
| Matthew McQuinn, PE, CM, LEED AP | Energy | | | | | | | | | | |
| Carly Shannon | Sustainability Planning | | | | | | X | X | | | |
| Sheryl A. Dickey | Public Involvement | | | | | | | | X | | |
| Tiffany Sellinger | Environmental Planner | | | | | | | | | X | |
| Michael Kenney | Emissions/GHG Inventory | | | | | | | | | | X |
| Paul Sanford | Emissions/GHG Inventory | | | | | | | | | | X |

29. EXAMPLE PROJECTS KEY

| NO. | TITLE OF EXAMPLE PROJECT (FROM SECTION F) | NO. | TITLE OF EXAMPLE PROJECT (FROM SECTION F) |
|-----|--|-----|--|
| 1 | Sustainability Master Plan for Tampa International Airport | 6 | Sustainability Management Plan for Fresno Yosemite International Airport |
| 2 | Sustainability Management Plan for Denver International Airport | 7 | Sustainability Management Plan for Salt Lake City International Airport |
| 3 | Sustainable Master Plan for Vero Beach Municipal Airport | 8 | City of Lake Worth Master Plan Update |
| 4 | Guidebook for Sustainable Airport Construction Practices (ACRP Report 42) | 9 | Sustainability Plans for Newark Liberty International and Teterboro Airports |
| 5 | South Runway Expansion Program for Fort Lauderdale/Hollywood International Airport | 10 | Guidebook for Improving Environmental Performance at Small Airports (ACRP 02-13) |

H. ADDITIONAL INFORMATION

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

Ricondo & Associates, Inc. Corporate Commitment to Sustainability:

While focusing on providing our clients with financially, operationally, and environmentally sustainable solutions, Ricondo & Associates, Inc. understands that our own continued success, the well-being of our employees, and the health of our planet also depend on our ability to operate in the most sustainable manner possible. To that end, our Board of Directors has adopted a corporate sustainability policy that reflects the four main aspects of sustainability: economic viability, operational efficiency, natural resources conservation, and social responsibility.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

March 6, 2014

33. NAME AND TITLE

Pete Ricondo, PE, Senior Vice President

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

946-11300

PART II - GENERAL QUALIFICATIONS

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

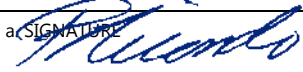
| | | | | |
|--|-----------------|-----------------------|---|-----------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME Ricondo & Associates, Inc. | | | 3. YEAR ESTABLISHED 1989 | 4. DUNS NUMBER 604932285 |
| 2b. STREET 20 North Clark Street, Suite 1500 (corporate headquarters) | | | 5. OWNERSHIP | |
| 2c. CITY Chicago | 2d. STATE IL | 2e. ZIP CODE 60602 | a. TYPE S-Corporation | |
| 6a. POINT OF CONTACT NAME AND TITLE Pete Ricondo, PE, Senior Vice President | | | b. SMALL BUSINESS STATUS | |
| 6b. TELEPHONE NUMBER 305-260-2727, extension 251 | | | 6c. E-MAIL ADDRESS p_ricondo@ricondo.com | |
| 8a. FORMER FIRM NAME(S) (If any) | | | 8b. YEAR ESTABLISHED | 8c. DUNS NUMBER |
| 7. NAME OF FIRM (If block 2a is a branch office) | | | | |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|-------------------------|---------------------|------------|--|--------------------------------------|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 02 | Administration | 16 | 10 | E11 | Environmental Planning | 5 |
| 06 | Architect | 14 | 1 | P05 | Planning (Aviation) | 8 |
| 12 | Civil Engineer | 6 | 2 | P05 | Planning (Financial) | 5 |
| 47 | Planner: Urban/Regional | 4 | 1 | A05 | Airports; Nav aids; Airport Lighting | 4 |
| 60 | Transportation Engineer | 12 | 1 | A06 | Airports, Terminals and Hangars | 7 |
| 70 | Aviation Planner | 35 | 16 | C15 | Construction Management | 5 |
| 71 | Environmental Planner | 13 | 7 | H07 | Highways; Streets; Airfield Paving | 5 |
| 72 | Financial Planner | 13 | 6 | T03 | Traffic and Engineering Planning | 5 |
| | Other Employees | | | | | |
| Total | | 113 | 47 | | | |

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

| | |
|---|--------------------------|
| a. SIGNATURE  | b. DATE March 6, 2014 |
| c. NAME AND TITLE Pete Ricondo, PE, Senior Vice President | |

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
946-11300

PART II - GENERAL QUALIFICATIONS

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

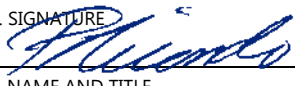
| | | | | |
|--|---|-----------------------|--|-----------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME Ricondo & Associates, Inc. | | | 3. YEAR ESTABLISHED 1989 | 4. DUNS NUMBER 604932285 |
| 2b. STREET 1000 NW 57 th Court, Suite 920 | | | 5. OWNERSHIP a. TYPE S-Corporation b. SMALL BUSINESS STATUS | |
| 2c. CITY Miami | 2d. STATE Florida | 2e. ZIP CODE 33126 | | |
| 6a. POINT OF CONTACT NAME AND TITLE Pete Ricondo, PE, Senior Vice President | | | 7. NAME OF FIRM (If block 2a is a branch office) Ricondo & Associates, Inc. | |
| 6b. TELEPHONE NUMBER 305-260-2727, extension 251 | 6c. E-MAIL ADDRESS p_ricondo@ricondo.com | | | |
| 8a. FORMER FIRM NAME(S) (If any) | | | 8b. YEAR ESTABLISHED | 8c. DUNS NUMBER |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|-------------------------|---------------------|------------|--|--------------------------------------|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 02 | Administration | 16 | | E11 | Environmental Planning | 5 |
| 06 | Architect | 14 | | P05 | Planning (Aviation) | 8 |
| 12 | Civil Engineer | 6 | 1 | P05 | Planning (Financial) | 5 |
| 47 | Planner: Urban/Regional | 4 | | A05 | Airports; Nav aids; Airport Lighting | 4 |
| 60 | Transportation Engineer | 12 | 1 | A06 | Airports, Terminals and Hangars | 7 |
| 70 | Aviation Planner | 35 | 5 | C15 | Construction Management | 5 |
| 71 | Environmental Planner | 13 | | H07 | Highways; Streets; Airfield Paving | 5 |
| 72 | Financial Planner | 13 | | T03 | Traffic and Engineering Planning | 5 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Other Employees | | | | | |
| Total | | 113 | 7 | | | |

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

| | |
|---|--------------------------|
| a. SIGNATURE  | b. DATE March 6, 2014 |
| c. NAME AND TITLE Pete Ricondo, PE, Senior Vice President | |

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II - GENERAL QUALIFICATIONS

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

| | | | | |
|---|--|-----------------------|--|-----------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME Basulto Management Consulting, Inc. | | | 3. YEAR ESTABLISHED 13 | 4. DUNS NUMBER 040085065 |
| 2b. STREET 1601 Harrison Street | | | 5. OWNERSHIP | |
| 2c. CITY Hollywood | 2d. STATE FL | 2e. ZIP CODE 33020 | a. TYPE Corporation | |
| 6a. POINT OF CONTACT NAME AND TITLE Jose Basulto President | | | b. SMALL BUSINESS STATUS DBE | |
| 6b. TELEPHONE NUMBER (954)456-1844 | 6c. E-MAIL ADDRESS jose.basulto@basultoconsulting.com | | 7. NAME OF FIRM (If block 2a is a branch office) | |
| 8a. FORMER FIRM NAME(S) (If any) | | | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|--------------------------|---------------------|------------|--|--|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 16 | Construction Manager | 1 | | A05 | Airports; Nav aids; Airport Lighting; | 3 |
| 18 | Cost Engineer/ Estimator | 1 | | A06 | Airports; Terminals and Hangars; Fr | 3 |
| 35 | Industrial Engineer | 1 | | C03 | Charting: Nautical and Aeronautical | 1 |
| 47 | Planner | 1 | | C08 | Codes; Standards; Ordinances | 1 |
| | | | | C15 | Construction Management | 2 |
| | | | | C18 | Cost Estimating; Cost Engineering | 3 |
| | | | | D04 | Design-Build - Preparation of Requ | 2 |
| | | | | E09 | Environmental Impact Studies, Ass | 2 |
| | | | | P05 | Planning (Community, Regional, Ar | 3 |
| | | | | P06 | Planning (Site, Installation, and Proj | 3 |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| | Other Employees | | | | | |
| Total | | 4 | | | | |

| | | | | | |
|--|---|--|---|---|---|
| 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right) | | PROFESSIONAL SERVICES REVENUE INDEX NUMBER | | | |
| a. Federal Work | 3 | 1. Less than \$100,000 | 6. \$2 million to less than \$5 million | 7. \$5 million to less than \$10 million | 8. \$10 million to less than \$25 million |
| b. Non-Federal Work | 5 | 2. \$100,00 to less than \$250,000 | 8. \$10 million to less than \$25 million | 9. \$25 million to less than \$50 million | 10. \$50 million or greater |
| c. Total Work | 8 | 3. \$250,000 to less than \$500,000 | 4. \$500,000 to less than \$1 million | 5. \$1 million to less than \$2 million | |

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

| | |
|---|-----------------------|
| a. SIGNATURE | b. DATE 03/13/2014 |
| c. NAME AND TITLE Jose Basulto President | |

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STANDARD FORM 330 (6/2004) PAGE 6

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

RFQ # 946-11300

PART II – GENERAL QUALIFICATIONS


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

| | | | | |
|--|------------------------|---|--|--------------------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME C&S Companies | | | 3. YEAR ESTABLISHED 1968 | 4. DUNS NUMBER 80-228-3622 |
| 2b. STREET 605 East Robinson Street, Suite 210 | | | 5. OWNERSHIP | |
| | | | a. TYPE Business Corporation | |
| 2c. CITY Orlando | 2d. State FL | 2e. ZIP CODE 32801 | b. SMALL BUSINESS STATUS NA | |
| 6a. POINT OF CONTACT NAME AND TITLE John D. Trimble, P.E., President and Chief Operating Officer | | | 7. NAME OF FIRM (if block 2a is a branch office) | |
| 6b. TELEPHONE NUMBER (407) 422-1118 | | 6c. E-MAIL ADDRESS jtrimble@cscos.com | | |
| 8a. FORMER FIRM NAME(S) (if any) | | | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|----------------------------------|---------------------|------------|--|---|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 02 | Administrative | 81 | 4 | A05 | Airports; Nav aids; Airport Lighting; | 6 |
| 06 | Architect | 5 | | A06 | Airports; Terminals and Hangars; Freight | 5 |
| 08 | CADD Technician | 32 | 2 | A09 | Anti-Terrorism/Force Protection | 2 |
| 10 | Chemical Engineer | 2 | | A10 | Asbestos Abatement | 2 |
| 12 | Civil Engineer | 59 | 1 | A12 | Automation; Controls; Instrumentation | 2 |
| 13 | Communications Engineer | 1 | | C15 | Construction Management | 5 |
| 14 | Computer Programmer | 5 | | E03 | Electrical Studies and Design | 4 |
| 15 | Construction Inspector | 26 | | F03 | Fire Protection | 4 |
| 16 | Construction Manager | 39 | 2 | G01 | Garages; Vehicle Maintenance Facilities; | 4 |
| 18 | Cost Engineer | 1 | | G04 | Geographic Information System | 3 |
| 21 | Electrical Engineer | 11 | 2 | G05 | Geospatial Data Conversion: Scanning, | 2 |
| 23 | Environmental Engineer | 8 | | H04 | Heating; Ventilating; Air Conditioning | 6 |
| 24 | Environmental Scientist | 5 | | H07 | Highways; Streets; Airfield Paving; | 8 |
| 25 | Fire Protection Engineer | 11 | | I01 | Industrial Buildings; Manufacturing | 5 |
| 27 | Foundation/Geotechnical Engineer | 2 | | L02 | Land Surveying | 3 |
| 29 | Geographic Info. Systems Spec. | 2 | | L05 | Lighting (Interior; Display; Theater, Etc.) | 2 |
| 30 | Geologist | 2 | | L06 | Lighting (Exteriors; Streets; Memorials; | 3 |
| 37 | Interior Designer | 2 | | P05 | Planning (Community, Regional, | 2 |
| 39 | Landscape Architect | 2 | | P06 | Planning (Site, Installation, and Project) | 2 |
| 42 | Mechanical Engineer | 28 | 2 | P07 | Plumbing & Piping Design | 4 |
| 47 | Planners | 10 | 4 | R06 | Rehabilitation (Buildings; Structures; | 7 |
| 51 | Safety/Occ. Health Engineer | 2 | | T03 | Traffic & Transportation Engineering | 7 |
| 53 | Scheduler | 1 | | | | |
| 54 | Security Specialist | 1 | | | | |
| 57 | Structural Engineer | 10 | 1 | | | |
| 60 | Transportation Engineer | 13 | | | | |
| 62 | Water Resources Engineer | 1 | | | | |
| | TOTAL | 362 | 18 | | | |

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

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

| | |
|---|----------------------------------|
| a. SIGNATURE  | b. DATE March 11, 2014 |
| c. NAME AND TITLE John Trimble, P.E., President | |

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MANDATORY USE DATE OF FORM 5/1/2004

STANDARD FORM 330 (1/2004) PAGE 6

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)
RFQ # 946-11300

PART II – GENERAL QUALIFICATIONS

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

| | | | | |
|---|--|---|-------------------------------------|---------------------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME C&S Engineers, Inc. | | | 3. YEAR ESTABLISHED 1968 | 4. DUNS NUMBER 80-228-3622 |
| 2b. STREET 120 State Street, Suite 120 | | | 5. OWNERSHIP | |
| 2c. CITY Rochester | | | 2d. State NY | 2e. ZIP CODE 14614 |
| 6a. POINT OF CONTACT NAME AND TITLE John D. Trimble, P.E., LEED AP, President | | | a. TYPE Business Corporation | |
| 6b. TELEPHONE NUMBER (585) 325-9040 | | 6c. E-MAIL ADDRESS jtrimble@cscos.com | | b. SMALL BUSINESS STATUS NA |
| 8a. FORMER FIRM NAME(S) (if any) | | | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |
| 7. NAME OF FIRM (if block 2a is a branch office) | | | | |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|----------------------------------|---------------------|------------|--|---|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 02 | Administrative | 81 | 5 | A10 | Asbestos Abatement | 2 |
| 06 | Architect | 5 | | B02 | Bridges | 6 |
| 08 | CADD Technician | 32 | | C12 | Communication Systems | 5 |
| 10 | Chemical Engineer | 2 | | C15 | Construction Management | 5 |
| 12 | Civil Engineer | 59 | 2 | E03 | Electrical Studies and Design | 4 |
| 13 | Communications Engineer | 1 | | E07 | Energy Conservation | 3 |
| 14 | Computer Programmer | 5 | 3 | E09 | Environmental Impact Studies/Assess. | 4 |
| 15 | Construction Inspector | 26 | | E11 | Environmental Planning | 3 |
| 16 | Construction Manager | 39 | | E12 | Environmental Remediation | 2 |
| 18 | Cost Engineer | 1 | | F03 | Fire Protection | 4 |
| 21 | Electrical Engineer | 11 | | G01 | Garages; Vehicle Maintenance Facilities | 4 |
| 23 | Environmental Engineer | 8 | | H02 | Hazardous Materials Handling/Storage | 3 |
| 24 | Environmental Scientist | 5 | | H04 | Heating; Ventilating; Air Conditioning | 6 |
| 25 | Fire Protection Engineer | 11 | | H07 | Highways; Streets; Parking Lots | 8 |
| 27 | Foundation/Geotechnical Engineer | 2 | | H08 | Historical Preservation | 2 |
| 29 | Geographic Info. Systems Spec. | 2 | | H12 | Hydraulics & Pneumatics | 1 |
| 30 | Geologist | 2 | | L03 | Landscape Architecture | 1 |
| 37 | Interior Designer | 2 | | L05 | Lighting (Interior, Display, Theater, Etc.) | 2 |
| 39 | Landscape Architect | 2 | | L06 | Lighting (External, Athletic Fields, Etc.) | 3 |
| 42 | Mechanical Engineer | 28 | | O01 | Office Buildings; Industrial Parks | 2 |
| 47 | Planners | 10 | 1 | P05 | Planning (Community, Regional) | 2 |
| 51 | Safety/Occ. Health Engineer | 2 | | P06 | Planning (Site, Installation, and Project) | 2 |
| 53 | Scheduler | 1 | | P07 | Plumbing & Piping Design | 4 |
| 54 | Security Specialist | 1 | | R06 | Rehabilitation (Buildings, Structures) | 7 |
| 57 | Structural Engineer | 10 | | S02 | Security Systems; Intruder & Smoke | 3 |
| 60 | Transportation Engineer | 13 | | S04 | Sewage Collection, Treatment and | 5 |
| 62 | Water Resources Engineer | 1 | | S05 | Soils & Geologic Studies; Foundations | 2 |
| | TOTAL | 362 | 11 | S09 | Structural Design | 3 |
| | | | | U03 | Utilities (Gas and Stream) | 5 |
| | | | | W02 | Water Resources; Hydrology; Ground | 2 |
| | | | | W03 | Water Supply; Treatment and | 2 |

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

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

| | |
|--|----------------------------------|
| a. SIGNATURE | b. DATE March 11, 2014 |
| c. NAME AND TITLE John D. Trimble, P.E., LEED AP, President, C&S Engineers, Inc. | |

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)
RFQ # 946-11300

PART II – GENERAL QUALIFICATIONS

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

| | | | | |
|--|--|--|-------------------------------------|--------------------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME C&S Companies | | | 3. YEAR ESTABLISHED 1968 | 4. DUNS NUMBER 80-228-3622 |
| 2b. STREET 2020 Camino Del Rio North, Suite 1000 | | | 5. OWNERSHIP | |
| 2c. CITY San Diego | | | 2d. State CA | 2e. ZIP CODE 92108 |
| 6a. POINT OF CONTACT NAME AND TITLE Michael Hotaling, Vice President | | | a. TYPE Business Corporation | |
| 6b. TELEPHONE NUMBER (619) 296-9373 | | 6c. E-MAIL ADDRESS mhotaling@cscos.com | | |
| 8a. FORMER FIRM NAME(S) (if any) | | | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |
| 7. NAME OF FIRM (if block 2a is a branch office) | | | | |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|----------------------------------|---------------------|------------|--|---|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 02 | Administrative | 81 | 4 | A10 | Asbestos Abatement | 2 |
| 06 | Architect | 5 | | B02 | Bridges | 6 |
| 08 | CADD Technician | 32 | 1 | C12 | Communication Systems | 5 |
| 10 | Chemical Engineer | 2 | | C15 | Construction Management | 5 |
| 12 | Civil Engineer | 59 | 5 | E03 | Electrical Studies and Design | 4 |
| 13 | Communications Engineer | 1 | | E07 | Energy Conservation | 3 |
| 14 | Computer Programmer | 5 | | E09 | Environmental Impact Studies/Assess. | 4 |
| 15 | Construction Inspector | 26 | | E11 | Environmental Planning | 3 |
| 16 | Construction Manager | 39 | 1 | E12 | Environmental Remediation | 2 |
| 18 | Cost Engineer | 1 | | F03 | Fire Protection | 4 |
| 21 | Electrical Engineer | 11 | | G01 | Garages; Vehicle Maintenance Facilities | 4 |
| 23 | Environmental Engineer | 8 | | H02 | Hazardous Materials Handling/Storage | 3 |
| 24 | Environmental Scientist | 5 | | H04 | Heating; Ventilating; Air Conditioning | 6 |
| 25 | Fire Protection Engineer | 11 | | H07 | Highways; Streets; Parking Lots | 8 |
| 27 | Foundation/Geotechnical Engineer | 2 | | H08 | Historical Preservation | 2 |
| 29 | Geographic Info. Systems Spec. | 2 | | H12 | Hydraulics & Pneumatics | 1 |
| 30 | Geologist | 2 | | L03 | Landscape Architecture | 1 |
| 37 | Interior Designer | 2 | | L05 | Lighting (Interior, Display, Theater, Etc.) | 2 |
| 39 | Landscape Architect | 2 | | L06 | Lighting (External, Athletic Fields, Etc.) | 3 |
| 42 | Mechanical Engineer | 28 | | O01 | Office Buildings; Industrial Parks | 2 |
| 47 | Planners | 10 | 4 | P05 | Planning (Community, Regional) | 2 |
| 51 | Safety/Occ. Health Engineer | 2 | | P06 | Planning (Site, Installation, and Project) | 2 |
| 53 | Scheduler | 1 | | P07 | Plumbing & Piping Design | 4 |
| 54 | Security Specialist | 1 | | R06 | Rehabilitation (Buildings, Structures) | 7 |
| 57 | Structural Engineer | 10 | | S02 | Security Systems; Intruder & Smoke | 3 |
| 60 | Transportation Engineer | 13 | | S04 | Sewage Collection, Treatment and | 5 |
| 62 | Water Resources Engineer | 1 | | S05 | Soils & Geologic Studies; Foundations | 2 |
| | TOTAL | 362 | 15 | S09 | Structural Design | 3 |
| | | | | U03 | Utilities (Gas and Stream) | 5 |
| | | | | W02 | Water Resources; Hydrology; Ground | 2 |
| | | | | W03 | Water Supply; Treatment and | 2 |

| | | | | | | | | | | | | | | | | | |
|--|---|----------|---------------------|----------|---------------|----------|--|------------------------|---|-------------------------------------|--|-------------------------------------|---|---------------------------------------|---|---|-----------------------------|
| <p>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i></p> <table style="width: 100%;"> <tr><td>a. Federal Work</td><td style="text-align: center;">5</td></tr> <tr><td>b. Non-Federal Work</td><td style="text-align: center;">9</td></tr> <tr><td>c. Total Work</td><td style="text-align: center;">9</td></tr> </table> | a. Federal Work | 5 | b. Non-Federal Work | 9 | c. Total Work | 9 | <p style="text-align: center;">PROFESSIONAL SERVICES REVENUE INDEX NUMBER</p> <table style="width: 100%;"> <tr> <td>1. Less than \$100,000</td> <td>6. \$2 million to less than \$5 million</td> </tr> <tr> <td>2. \$100,000 to less than \$250,000</td> <td>7. \$5 million to less than \$10 million</td> </tr> <tr> <td>3. \$250,000 to less than \$500,000</td> <td>8. \$10 million to less than \$25 million</td> </tr> <tr> <td>4. \$500,000 to less than \$1 million</td> <td>9. \$25 million to less than \$50 million</td> </tr> <tr> <td>5. \$1 million to less than \$2 million</td> <td>10. \$50 million or greater</td> </tr> </table> | 1. Less than \$100,000 | 6. \$2 million to less than \$5 million | 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million | 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million | 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million | 5. \$1 million to less than \$2 million | 10. \$50 million or greater |
| a. Federal Work | 5 | | | | | | | | | | | | | | | | |
| b. Non-Federal Work | 9 | | | | | | | | | | | | | | | | |
| c. Total Work | 9 | | | | | | | | | | | | | | | | |
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million | | | | | | | | | | | | | | | | |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million | | | | | | | | | | | | | | | | |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million | | | | | | | | | | | | | | | | |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million | | | | | | | | | | | | | | | | |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater | | | | | | | | | | | | | | | | |

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| 12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts. | |
| a. SIGNATURE | b. DATE March 10, 2014 |
| c. NAME AND TITLE Michael Hotaling, Vice President | |

AUTHORIZED FOR LOCAL REPRODUCTION

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ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

946-11300

PART II – GENERAL QUALIFICATIONS


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

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

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|---------------------------------------|---------------------|------------|--|---------------------------------------|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| | Public Relations/DBE Liaison services | 7 | 3 | | Public Relations/DBE Liaison Services | 4 |
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| Total | | | | | | |

| 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <small>(Insert revenue index number shown at right)</small> | |
|---|---|
| a. Federal Work | 1 |
| b. Non-Federal Work | 4 |
| c. Total Work | 4 |

| PROFESSIONAL SERVICES REVENUE INDEX NUMBER | |
|--|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater |

| 12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts. | |
|---|---------------------------|
| a. SIGNATURE  | b. DATE March 14, 2014 |
| c. NAME AND TITLE Sheryl A. Dickey, President/CEO | |

| | |
|--|---------------------------------|
| ARCHITECT-ENGINEER QUALIFICATIONS | 1. SOLICITATION NUMBER (If Any) |
|--|---------------------------------|

PART II – GENERAL QUALIFICATIONS

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

| | | | | |
|--|------------------------|------------------------------|--|--------------------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME DY Consulting Engineers P.C. d/b/a DY Consultants | | | 3. YEAR ESTABLISHED 1991 | 4. DUNS NUMBER 78-355-8661 |
| 2b. STREET 401 Franklin Avenue, Suite 318 | | | 5. OWNERSHIP | |
| 2c. CITY Garden City | 2d. STATE NY | 2e. ZIP CODE 11530 | a. TYPE Corporation | |
| 6a. POINT OF CONTACT NAME AND TITLE Dennis Yap, President | | | b. SMALL BUSINESS STATUS DBE/MBE | |
| 6b. TELEPHONE NUMBER (516) 625-9800 | | | 6c. E-MAIL ADDRESS d-yap@dyconsultants.com | |
| 8a. FORMER FIRM NAME(S) (If any) | | | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|--------------------------|---------------------|------------|--|---------------------------------------|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 02 | Administrative | 4 | | A05 | Airports: Navajds: Airport Lighting | 4 |
| 08 | CADD Technician | 5 | | A06 | Airports: Terminals and Hangars | 4 |
| 12 | Civil Engineer | 7 | | C15 | Construction Management | 5 |
| 15 | Construction Inspector | 5 | | C18 | Cost Estimating: Cost Engineering | 3 |
| 21 | Electrical Engineer | 2 | | D04 | Design-Building - Preparation of | 3 |
| 23 | Environmental Engineer | 3 | | E03 | Electrical Studies and Design | 3 |
| 47 | Planner: Urban /Regional | 7 | | E09 | Environmental Impact Studies | 2 |
| | | | | E11 | Environmental Planning | 2 |
| | | | | M05 | Military Design Standards | 2 |
| | | | | P06 | Planning (Site, Installation and | 5 |
| | | | | R03 | Railroad: Rapid Transit | 4 |
| | | | | R06 | Rehabilitation (Facilities) | 4 |
| | | | | S13 | Storm Water Facilities | 3 |
| | | | | T02 | Testing and Inspection Services | 4 |
| | | | | T03 | Traffic and Transportation Facilities | 4 |
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| | | | | | | |
| | Other Employees | | | | | |
| | Total | 33 | | | | |

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|--|--|----------|---------------------|----------|---------------|----------|---|--|--|
| 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i> | PROFESSIONAL SERVICES REVENUE INDEX NUMBER | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>a. Federal Work</td> <td style="text-align: center;">1</td> </tr> <tr> <td>b. Non-Federal Work</td> <td style="text-align: center;">6</td> </tr> <tr> <td>c. Total Work</td> <td style="text-align: center;">6</td> </tr> </table> | a. Federal Work | 1 | b. Non-Federal Work | 6 | c. Total Work | 6 | <table style="width:100%;"> <tr> <td style="width: 50%;"> 1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million </td> <td style="width: 50%;"> 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater </td> </tr> </table> | 1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million | 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater |
| a. Federal Work | 1 | | | | | | | | |
| b. Non-Federal Work | 6 | | | | | | | | |
| c. Total Work | 6 | | | | | | | | |
| 1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million | 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater | | | | | | | | |

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

| | |
|---|---------------------------|
| a. SIGNATURE | b. DATE 3/13/14 |
| c. NAME AND TITLE Dennis Yap, President | |

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)


PART II – GENERAL QUALIFICATIONS

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

| | | | | |
|---|--|---|--|-----------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME KB Environmental Sciences, Inc. | | | 3. YEAR ESTABLISHED 2004 | 4. DUNS NUMBER 174386115 |
| 2b. STREET 9500 Koger Boulevard, Pinellas Building STE 211 | | | 5. OWNERSHIP | |
| 2c. CITY St. Petersburg | | | 2d. STATE FL | 2e. ZIP CODE 33702 |
| 6a. POINT OF CONTACT NAME AND TITLE L. Carrol Fowler, President | | | a. TYPE Corporation | |
| 6b. TELEPHONE NUMBER 727-578-5152 | | 6c. E-MAIL ADDRESS cfowler@KBEnv.com | | |
| 8a. FORMER FIRM NAME(S) (if any) | | | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |
| | | | | |
| 6a. POINT OF CONTACT NAME AND TITLE L. Carrol Fowler, President | | | b. SMALL BUSINESS STATUS Small, Women-Owned | |
| 7. NAME OF FIRM (If block 2a is a branch office) | | | | |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|-------------------------|--|--|--|---|--|
| a. Function Code | b. Discipline | c. No. of Employees (1) FIRM (2) BRANCH | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| 23 | Environmental Engineer | 2 | | A01 | Acoustics, Noise Abatement | 3 |
| 24 | Environmental Scientist | 7 | | A05 | Airports | 4 |
| 33 | Administrative | 1 | | E09 | Environmental Impact Studies, Assessments | 4 |
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| Other Employees | | | | | | |
| Total | | 3 | | | | |

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|---|---|---|---------------------|---|----------------------|----------|--|------------------------|---|-------------------------------------|--|-------------------------------------|---|---------------------------------------|---|---|-----------------------------|
| <p>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)</p> <table style="width: 100%;"> <tr> <td>a. Federal Work</td> <td style="text-align: center;">2</td> </tr> <tr> <td>b. Non-Federal Work</td> <td style="text-align: center;">3</td> </tr> <tr> <td>c. Total Work</td> <td style="text-align: center;">4</td> </tr> </table> | a. Federal Work | 2 | b. Non-Federal Work | 3 | c. Total Work | 4 | <p>PROFESSIONAL SERVICES REVENUE INDEX NUMBER</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">1. Less than \$100,000</td> <td style="width: 50%;">6. \$2 million to less than \$5 million</td> </tr> <tr> <td>2. \$100,000 to less than \$250,000</td> <td>7. \$5 million to less than \$10 million</td> </tr> <tr> <td>3. \$250,000 to less than \$500,000</td> <td>8. \$10 million to less than \$25 million</td> </tr> <tr> <td>4. \$500,000 to less than \$1 million</td> <td>9. \$25 million to less than \$50 million</td> </tr> <tr> <td>5. \$1 million to less than \$2 million</td> <td>10. \$50 million or greater</td> </tr> </table> | 1. Less than \$100,000 | 6. \$2 million to less than \$5 million | 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million | 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million | 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million | 5. \$1 million to less than \$2 million | 10. \$50 million or greater |
| a. Federal Work | 2 | | | | | | | | | | | | | | | | |
| b. Non-Federal Work | 3 | | | | | | | | | | | | | | | | |
| c. Total Work | 4 | | | | | | | | | | | | | | | | |
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million | | | | | | | | | | | | | | | | |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million | | | | | | | | | | | | | | | | |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million | | | | | | | | | | | | | | | | |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million | | | | | | | | | | | | | | | | |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater | | | | | | | | | | | | | | | | |

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|---|----------------------------|
| 12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts. | |
| a. SIGNATURE  | B. DATE October 2, 2013 |
| c. NAME AND TITLE L. Carrol Fowler | |





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& ASSOCIATES

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