

EXP

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Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs	
PNC2120437P1--01-01	Professional Consultant Services	Supplier Product Code:	First Offer -	1 / contract	Y	Y

Supplier Total **\$0.00**

EXP

Item: **Professional Consultant Services**

Attachments

EXP_Solicitation_PNC2120437P1.pdf

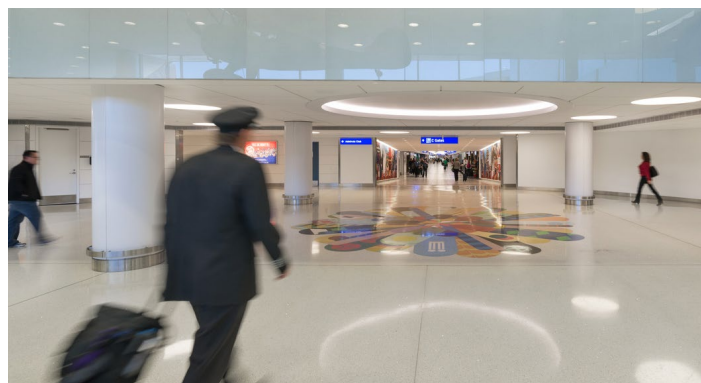


PROFESSIONAL CONSULTANT SERVICES FOR FLL AND HWO AIRPORTS, BUILDING PROJECTS

for Broward County Aviation Department

PNC2120437P1

April 21, 2021





April 21, 2021

Ms. Mariana Pitiriciu
Construction Project Management Supervisor
Broward County Aviation Department
320 Terminal Drive, Suite 200
Fort Lauderdale, FL 33315

re: PNC2120437P1 Professional Consultant Services for FLL and HWO Airports, Building Projects

Dear Ms. Pitiriciu,

EXP U.S. Services Inc. (EXP) appreciates this opportunity to submit our proposal to provide Architectural / Engineering (A/E) Services for the Broward County Aviation Department (BCAD) PNC2120437P1 Professional Consultant Services for FLL and HWO Airports , Building Projects. Clients are at the top of our company's organizational chart and our leadership and staff are committed to providing the required services outlined in this Request for Qualifications. We are exceptionally well-suited to provide the architectural and engineering services for work authorization based contracts.

We have hand-picked a Project Manager you know well, Marcos J Souza, PE, PMP, based not only upon the depth and relevance of his experience, but also upon his proven track record of collaboration and teamwork at FLL. Mr. Souza spent the last 15 years serving as an extension at Fort Lauderdale-Hollywood International Airport (FLL) staff managing nearly \$400M worth of work for the Broward County Aviation Department (BCAD). He will lead a familiar team, where a majority of our partners reported directly to him on projects at FLL and he will serve as a dedicated resource to BCAD during the duration of this Professional Service Agreement. Mr. Souza's location, availability, and understanding of the complexities involved in this Professional Service Agreement make him vital to the success of the resulting project(s).

- The EXP Team is local and available for the Broward County Aviation Department.
- The EXP Team has extensive experience at Fort Lauderdale-Hollywood International Airport.
- The EXP Team has experience implementing existing technologies to combat the spread of COVID at airport facilities including facilitation of Global Biorisk Advisory Council (GBAC) certification.

Each team member has been specifically selected for the abilities and expertise and have a consistent and successful history of providing professional A/E services to BCAD at the Fort Lauderdale Hollywood International Airport and North Perry Airport. The EXP Team is asking for your work and looking forward to being your trusted advisor. If you have any questions, or require additional information, please do not hesitate to contact me at 305.631.2208 or by e-mail at Kyle.Henry@exp.com.

Sincerely,

Kyle Henry
Vice President
EXP U.S. Services Inc.

Over **40 years** of
providing award-
winning solutions to
airport clients

Work Completed at
over **60 airports** in
North America and
worldwide

Ranking **No. 12** for
Airport Sector
Engineering
Architecture firms
by Building Design +
Construction Giants in
2020

IMAGE: St. Louis Lambert International Airport Terminal Modernization - EXP Design



TABLE OF CONTENTS

Cover Letter

1 Ability of Professional Personnel

 a. EXP + Team at a Glance

 i. Firm Qualification Summary

 b. Team Members

 i. Team Member Qualifications Summary

 b. Extension of Staff Project Management

 c. Benefits of our Team

 d. Organizational Chart

 e. Resumes

2 Project Approach

 a. Team Management

 b. Project Management

 c. Quality Controlled, Quality Assured

 d. Work Authorization Management

 e. Design Approach + Aesthetic

 f. Sustainability / LEED Certification

 g. Ensuring Passenger Confidence Through Cleanliness

 h. Maintaining Airport Operations

 i. Existing Condition Validation

 j. Retro Commissioning Enhances Operational Readiness

3 Past Performance

 a. Similar Project Experience Summary

 b. Collaboration Through Technology

 c. Vendor Reference Verification Form

4 Workload of the Firm

5 Location

6 Willingness to Meet Time and Budget Requirements

7 Volume of Previous Work

Appendices

A Responsiveness Criteria

B Responsibility Criteria

C Additional Information and Certifications

D Standard Agreement Language Requirements

IMAGE: Chicago O'Hare International Airport Concourse G Modifications - EXP Design



ABILITY OF PROFESSIONAL PERSONNEL

1

With a mission to understand, innovate, partner and deliver, EXP provides engineering, architecture, design and consulting services to the world's built and natural environments in six key practice areas: Buildings, Earth & Environment, Energy, Industrial, Infrastructure and Sustainability.

IMAGE: St. Louis Lambert International Airport Security Checkpoint Enhancements - EXP Design

A. EXP + TEAM AT A GLANCE



FLL Terminal 1 Modernization Design by EXP Team Member, Gresham Smith

EXP has provided a broad range of Professional Services to airports across the globe including:

- » Design of Airport Facility Modernization
- » Federal Inspection Services Facility
- » Design of Airport Facility Modernization
- » Signage and Wayfinding Enhancement
- » Runways, Taxiway/Taxilane, Apron Design
- » Landside Access Roadway Modifications/Extensions
- » Airport Emergency Operations Centers
- » Implementation of Intuitive Wayfinding
- » Airport Security System Enhancements
- » Environmental Permitting/NEPA
- » Design of Mechanical, Electrical, Plumbing System Upgrades
- » Development of Program Phasing and Sequencing
- » Lighting Design
- » Tenant Relocation
- » Concessions Design
- » Signage and Wayfinding Enhancements
- » Interim Facility Design
- » Design of Air Traffic Control Towers
- » Airport Administrative Office Design
- » LEED Certification and Commissioning
- » Implementation of Hygienic Technologies to Combat Virus Spread
- » Gate Planning and Fleet Mix Development / Analysis
- » Parking Garage Design and Rehabilitation
- » Automated People Mover Design and Maintenance Inspection
- » Smart Glass Implementation Roofing and Glazing Design
- » Baggage Handling System / Checked Baggage Inspection System Facilities
- » Overall Program, Project, and Construction Management

Our heritage dates to 1906, when the earliest of EXP’s predecessor companies started its engineering infrastructure practice. Today EXP is a full service architectural and engineering firm with over 3,500 professionals across North America, and offices throughout the US including offices in Fort Lauderdale, Coral Gables and five others in Florida. With extensive experience on aviation projects we are excited at this opportunity to bring our passion and dedication for design innovation and quality to the Broward County Aviation Department (BCAD), North Perry Airport (HWO), and Fort Lauderdale-Hollywood International Airport (FLL).

Our unique, award-winning firm consistently fosters creative, fully integrated and cost-effective design solutions of superior quality and constructability. Our aviation experience goes back over 40 years covering over 60 airports worldwide. Our firm structure allows us to provide design services on projects of varying scales and complexities, both airside and landside, from studies and concept design, to construction document preparation, through construction management services. We have the capability and experience to perform any aviation design-related service required.

EXP’s experience includes large hub primary airports such as O’Hare International Airport, Dallas/Fort Worth International Airport, Orlando International Airport, Toronto Pearson International Airport and St. Louis Lambert International Airport, as well as reliever and general aviation airports. Our work covers secure and non-secure areas, and includes terminals and concourses, air traffic control towers, baggage handling facilities, mechanical/electrical plants, concessions spaces, security checkpoints, hangars, ground equipment maintenance facilities, automated people movers, parking garages, runways and taxiways. EXP has an extensive background in renovations and expansions of existing facilities, as well as in design of brand-new facilities at airports.

EXP understands the challenges associated with modifying, renovating, and/or expanding airport facilities and has significant experience in addressing these challenges on behalf of their valued clients. We understand that work at an airport impacts the continuing operations of the active airport environment and know that **phasing and sequencing must be considered from the beginning of design to minimize impact to ongoing activities** and to the revenue stream of the airport, and to ensure that future needs are efficiently integrated with existing activities. Our core aviation team has worked together for over 15 years and our projects have taken place in active airport environments for which we have developed workable phasing and sequencing plans during design, in coordination with the Airports and other stakeholders. **Much of our aviation work has been through Work Authorization based contracts similar to this one, requiring the ability to respond to a wide variety of project types and schedules including emergency projects.**

We have recent and relevant experience with all components of BCAD’s program outlined in the Scope of Services, both architectural and engineering, and will deliver an Integrated Design ensuring the best product for FLL and HWO. **Our local presence and global expertise will ensure forward-thinking solutions will be applied in a timely and responsive manner.** A listing of the firms comprising the EXP Team and a summary of our qualifications is provided below.

Firm Qualifications Summary	Broward County Staff	Program / Project Management	Alternate Delivery Method	Project Definition / Planning	Airport Modernization	Interior / Lounge Design	Building Finish Upgrades	Facility Assessment	Roofing / Glazing / Building Envelope	MEP Upgrades / Modifications	Building Information Modeling	Baggage Handling System	Garage / Transit / Station Design	Airfield Engineering	Roadway / Traffic Engineering	Environmental Permitting	Code Compliance	Phasing / Sequencing	Federal Agency Coordination	Construction Inspection Services	Cost / Schedule Control	LEED / Commissioning
EXP U.S. Services Inc.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gresham Smith	•	•	•	•	•	•	•	•	•		•	•	•				•	•	•	•		•
Atkins North America, Inc.	•	•	•	•	•		•	•	•		•		•	•	•	•	•	•	•	•	•	•
Walters Zackria Associates, PLLC	•	•	•	•		•	•	•			•						•	•		•	•	
Gartek Engineering Corporation	•	•	•	•	•			•		•	•	•					•	•	•		•	•
Quantum Electrical Engineering, Inc.	•	•	•	•	•			•		•	•	•		•			•	•	•	•	•	
Hammond & Associates, Inc.	•	•	•	•	•		•	•		•	•						•	•	•	•		•
S&F Engineers, Inc.	•	•		•	•			•	•		•	•	•				•	•	•	•		
Goal Associates, Inc.	•	•	•	•									•		•		•	•	•			
Miller, Legg & Associates, Inc.	•	•		•											•	•	•	•	•		•	
CRJ & Associates, Inc.	•	•	•	•				•						•	•	•	•	•	•	•	•	
Stoner & Associates, Inc.	•	•		•										•	•							
H2R Corp	•	•		•										•	•	•	•			•		
Tierra South Florida, Inc.	•	•		•										•	•	•	•			•		
Program Controls, Inc.	•	•	•	•	•	•	•		•	•		•	•	•	•			•			•	
AirQuest Environmental, Inc.	•	•		•				•	•							•	•		•			
Walter P. Moore and Associates, Inc.		•	•	•	•		•	•	•		•		•				•	•	•		•	•
ecoPreserve LLC		•		•	•											•	•		•			•
Vic Thompson Company		•	•	•				•									•	•	•	•	•	
Argus Consulting, Inc.	•	•	•	•				•					•				•	•	•	•	•	
Lea & Elliott, Inc.		•	•	•	•																	
Ricondo & Associates, Inc.		•		•	•			•			•					•		•	•		•	•





B. TEAM MEMBERS

The EXP Team has in-depth experience with all of the key requirements of the PNC2120437P1 Professional Consultant Services for FLL and HWO, Building Projects contract and have excelled with projects of similar size and complexities. Our team is experienced, available, capable, and ready to deliver your Project successfully. Not only have we partnered with companies with significant experience with the BCAD, we have carefully selected the professionals proposed for this project based on their specific experience with the project components and familiarity with County regulations. **The EXP Team brings multiple individuals with 30+ years of experience modifying and/or designing airport facilities at major airport hubs and individuals with 10+ years directly supporting the BCAD in varying capacities (planning, management, design, construction management).** Marcos J Souza, P.E., PMP, our Project Manager, will lead a team that brings extensive knowledge in designing and constructing complex aviation projects that involve in depth analysis of operational impacts.

Our core team will be consistent throughout the duration of each project, and for all projects. This approach will provide continuity of personnel familiar with the goals, standards, and the facilities in which they will be working. This continuity will substantially reduce learning curves and bring efficiency to the projects through their knowledge of facilities as well as familiarity between our team, the airport's team, and stakeholders. This committed team of aviation experts and local professionals, with **significant aviation experience with everything from large new multi-billion-dollar terminals, facility renovation and improvement, distributed antenna system modifications, to tenant relocation and new outer buildings, will be ready to hit the ground running** on any and all project assignments and will be able to meet the demand of any project scope. The qualifications of EXP's Team Members assigned to the Project are summarized in the following matrix.

EXP's Team Member Qualifications Summary	FLL / HWO Experience	Program / Project Management	Project Definition / Planning	Facility Assessment	Airport / Facility Modernization	Building Finish Upgrades	Roofing / Glazing / Building Envelope	MEP Upgrades / Modifications	Building Information Modeling	Baggage Handling System	Garage / Transit / Station Design	Airfield Engineering	Roadway / Traffic Engineering	Environmental Permitting	Code Compliance	Phasing / Sequencing	Federal Agency Coordination	Construction Inspection Services	Cost / Schedule Control	LEED / Commissioning
Marcos J Souza, PE, PMP	•	•	•	•	•	•	•	•	•	•		•		•	•	•	•	•	•	•
Tom Hoepf, FAIA		•	•	•	•	•	•		•	•	•				•	•	•	•	•	•
Horeya Czaplewski, AIA		•	•	•	•	•			•		•				•	•	•		•	•
Ben Goebel, AIA, NCARB	•	•	•	•	•	•	•		•	•					•	•	•	•	•	•
Tania Fiorani, AIA, NCIDQ	•	•	•	•	•	•	•		•	•					•	•	•	•	•	•
Abbas Zackria, RA, CDT	•	•	•	•	•	•	•		•						•	•		•		•
Daniel Taylor, AIA, NCARB		•	•	•	•	•	•		•						•	•	•	•	•	•
James Griffin, AIA, NCARB		•	•	•	•	•	•		•		•				•	•	•	•		
James Harding, SEGD	•	•	•	•	•	•			•				•		•	•	•	•		
Siva Harran, PE, CxA, LEED AP		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
Sergio Serrano, PE		•	•	•	•	•		•	•						•	•	•	•		
Amy Champagne-Baker	•	•	•	•	•			•	•	•		•			•	•	•	•	•	
Robert Betancourt, PE		•	•	•	•			•	•						•	•	•	•	•	•
Stephen Farquharson	•	•			•	•		•	•						•	•	•	•		•
Julian Puerta, CPD	•	•		•	•	•		•	•	•					•	•	•	•		•
Aram Ebben, IALD		•	•		•	•		•	•		•				•	•	•		•	•
Paul Hiebing		•	•	•	•	•		•	•						•	•	•	•	•	
Benjamin DeZayas, PE	•	•	•	•	•	•		•	•	•					•	•	•	•		•
Sri Sritharan, PE	•	•	•	•	•		•	•	•	•	•				•	•	•	•	•	
Shankar Nair, PE, SE, PhD		•	•	•	•		•	•	•	•	•	•	•		•	•	•	•	•	
David Chesak, PE	•	•	•	•	•		•	•	•						•	•	•			
Kevin Anderson, PE		•	•		•		•		•		•				•	•	•			
Joseph Gannon, PE		•	•	•	•		•		•		•				•	•	•			
Darin Larson, PE, LEED AP	•	•	•		•				•			•	•	•	•	•	•	•	•	•
Kevin McCauley, PE	•	•	•		•				•			•								
Godfrey Lamptey, PE, PTOE		•	•	•							•		•	•	•	•	•	•	•	•
Yolanda Duarte		•	•	•									•		•	•	•	•		
Marc Fermanian, PE	•	•	•	•	•							•	•	•	•	•	•	•	•	
Dylan Larson, SPWS, CEP, GTA	•	•	•									•	•	•	•	•	•	•	•	
Brian Shore, RLA	•	•	•										•	•	•	•	•			
Sarah Landucci, FCHP	•	•	•										•	•	•	•				

EXP's
Team Member
Qualifications
continued

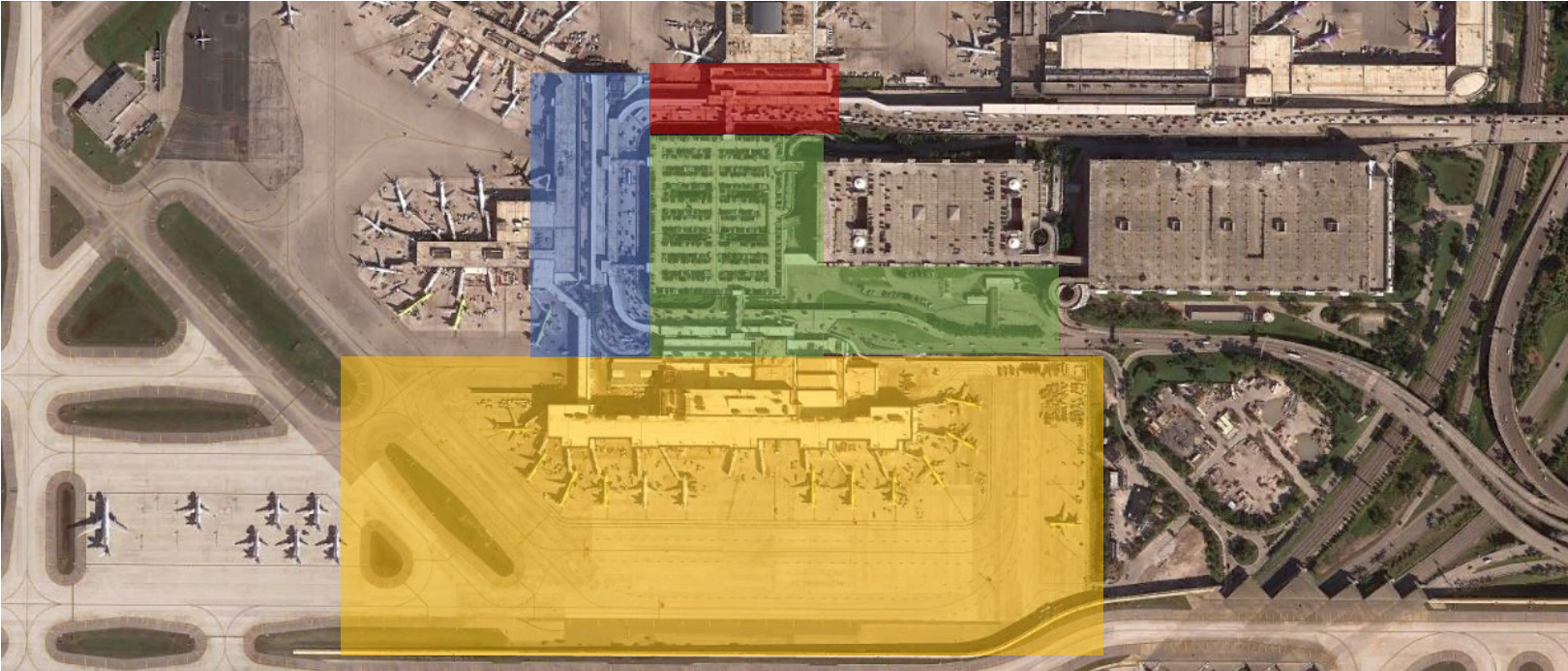
	FLL / HWO Experience	Program / Project Management	Project Definition / Planning	Facility Assessment	Airport / Facility Modernization	Building Finish Upgrades	Roofing / Glazing / Building Envelope	MEP Upgrades / Modifications	Building Information Modeling	Baggage Handling System	Garage / Transit / Station Design	Airfield Engineering	Roadway / Traffic Engineering	Environmental Permitting	Code Compliance	Phasing / Sequencing	Federal Agency Coordination	Construction Inspection Services	Cost / Schedule Control	LEED / Commissioning
Gio Cortes, AIA, LEED AP	•	•	•	•	•	•	•		•						•	•	•	•	•	•
David Wurst RA, NCARB	•	•	•	•	•	•	•		•						•	•	•	•	•	•
Tomasz Trebacz		•										•	•			•	•	•	•	•
Robert Ensor, PE, CDT	•	•		•	•	•	•					•	•			•	•	•	•	
Michael Greenhaus	•	•	•	•	•						•	•				•	•	•	•	
Eduardo Cuadra		•	•	•							•				•	•	•	•		•
Lewis Rand		•	•	•	•	•		•		•	•	•				•	•	•	•	
Johnny Marin	•											•	•			•		•		
Michael Beldowicz, PE	•	•		•	•			•	•						•	•	•	•	•	
Yves-Stanley Delmas, PE	•	•			•						•	•	•	•		•	•	•		
Raj Krishnasamy, PE	•	•	•		•						•	•	•	•		•	•	•		
Francois Thomas, PE, SI	•	•	•		•						•	•	•	•			•	•		
James Stoner, PSM	•	•			•						•	•	•							
Mark Mitchell	•	•			•						•	•	•							
Traci-Anne Boyle, MBA, CIH, CSP	•	•		•	•	•	•	•				•		•	•		•			
Mital Hall, PMP Leed AP O+M, CC-P		•	•	•	•	•	•	•	•					•	•	•	•		•	•
Jessica Wright		•	•	•	•	•	•	•	•					•	•	•	•		•	•
Amy Pastor, PE, CxA		•	•	•	•	•	•	•	•		•					•	•			•
Cameron Gunn, PE		•	•	•	•	•	•	•	•		•					•	•			•
Dean Leonard, MRICS		•	•	•	•	•	•	•							•	•	•		•	
Julio Lostao, PE, CEP		•	•		•	•	•	•		•	•		•			•	•		•	
John Stretch		•	•		•	•				•	•	•	•				•		•	
Simone Gigli		•	•		•	•				•	•	•	•			•	•		•	
Brendan Cahill	•	•	•	•	•				•	•	•	•	•	•		•	•		•	
Shane Ingolia	•	•	•	•	•				•	•	•	•	•	•		•	•		•	
Joseph Chang, RA	•	•	•	•	•				•	•	•	•	•	•		•	•		•	
Sambit Bhattacharjee, PE	•	•	•	•	•				•		•		•			•	•		•	
Jacquelyn Caro-Szutar, PE	•	•	•	•					•		•		•			•	•		•	
Guadalupe Murillo Jr., PE		•	•	•					•		•		•			•	•		•	
David Moore		•	•	•							•		•		•	•	•	•	•	
Cameron Gunn, PE	•	•	•	•								•		•	•	•	•	•	•	
Nate Spilker	•	•	•	•								•		•	•	•	•	•	•	
Jason McConnell	•	•	•	•	•				•	•					•	•	•		•	
Robert Pollard		•	•	•	•				•	•					•	•	•		•	
Victoria Buxton-Tetteh, MS		•	•								•		•	•	•	•	•	•	•	

C. EXTENSION OF STAFF PROJECT MANAGEMENT

Marcos J Souza, PE, PMP will serve as the Project Manager for the EXP Team. Marcos has over 15 years of dedicated aviation experience at South Florida's large hub airports including Fort Lauderdale-Hollywood International Airport and Miami International Airport; a majority of that time serving as an extension of staff to the Broward County Aviation Department on its recent Capital Improvement Program managing over \$400M worth of work at Fort Lauderdale-Hollywood International Airport as summarized below. **Marcos has coordinated with every Division of the Broward County Aviation Department, engaged at every level of staff, facilitated project logistics with Customer Service Representative Managers, worked directly with many of the Airport's Directors before they became Directors of their individual Divisions, and even served as the official Brazilian Steak Chef at the annual Airport Development Fall Festivals** prior to COVID-19. Marcos will bring his extension of staff mentality to the management of this contract and will serve as a dedicated resource for the Broward County Aviation Department.

In addition to Marcos' experience serving as an extension of staff for the Broward County Aviation Department, he has been directly responsible for the management of nearly all EXP Team subconsultant partners on projects at Fort Lauderdale-Hollywood International Airport.

The EXP Team's Fort Lauderdale-Hollywood International Airport experience including Project Management, Planning, Design, Construction Management, and Project Closeout ensures continuity of personnel familiar with the goals, standards, and facilities in which they will be working. This serves to eliminate learning curves and bring efficiency to the projects through knowledge of facilities as well as familiarity between our team, the airport's team, and other stakeholders.



Terminal 4 FIS Expansion
Terminal 4 Checked Baggage Inspection System
Terminal 4 Apron Expansion
Terminal 4 Hydrant Fueling System Expansion
Terminal 4 Federal Inspection Services Phase 1B
Terminal 4 Interim Baggage System
Terminal 4 Western Canopy
Terminal 4 Airline Ticket Office Expansion
Terminal 4 Concourse H Security Checkpoint Renovation

South Terminal Site Remediation
Revenue Control Plaza and Related Works
Exit Roadways Project
Palm Garage Signage and Wayfinding Upgrades
Palm to Hibiscus Garage Vehicular Bridge
Parking Administrative Offices

Terminal 3 North Interim Baggage System
Terminal 4 South Interim Baggage System
Gate F2 Passenger Boarding
Fixed Bridge Extension

***Other Projects:**
Pedestrian Crosswalk Project
Lift Station 31A
Terminal 2, 3, & 4 Explosive Detection System Relocate
Terminal 4 Spirit Airlines Office Buildout
Former BCAD Trailer Office Complex



BENEFITS OF OUR TEAM

LOCAL PRESENCE + KNOWLEDGE

EXP has two full-service, multi-discipline offices in South Florida which will serve this contract. Supplemented by local subconsultants with extensive experience working directly with the Broward County Aviation Department, our team brings depth of local knowledge and experience.

EXTENSIVE AVIATION EXPERIENCE

Our Team's combined aviation experience is unparalleled. Our knowledge of world-class aviation will benefit the Fort Lauderdale-Hollywood International Airport and North Perry Airport by allowing informed decisions rooted in real-world experience to be made.

FACILITY HYGIENE STRATEGY IMPLEMENTATION

Our Team's expertise includes facilitating Global Biorisk Advisory Council (GBAC) certification on over 10 large scale facilities like FLL. We've also implemented existing and cutting-edge technologies known to reduce the spread of COVID-19, or similar contagions, in multiple industries including healthcare, gaming, and entertainment.

PAST RECORD OF MEETING/EXCEEDING PARTICIPATION GOALS

Our team is serious about including diversity partners in meaningful roles in all our work. Our team includes several local County Business Enterprise firms in leadership roles in their disciplines. EXP has established Diversity, Equity + Inclusion Initiatives and is committed to working with the Broward County Aviation Department to meet and exceed the established County Business Enterprise goals.

EXPERIENCE WORKING TOGETHER

Our team members have worked together, ensuring a strong, familiar and complimentary team dynamic from the start. More importantly, nearly all of our subconsultants have reported directly to our Project Manager, Marcos J Souza, PE, PMP, on projects of similar scale and complexity to the projects expected under this Contract.

EXTENSIVE TASK ORDER / IDIQ EXPERIENCE

All members of our team have extensive experience delivering projects under Work Authorization contracts. Our team is structured with depth and breadth in all disciplines to successfully deliver every project and any number of projects simultaneously, regardless of scope, complexity or magnitude.

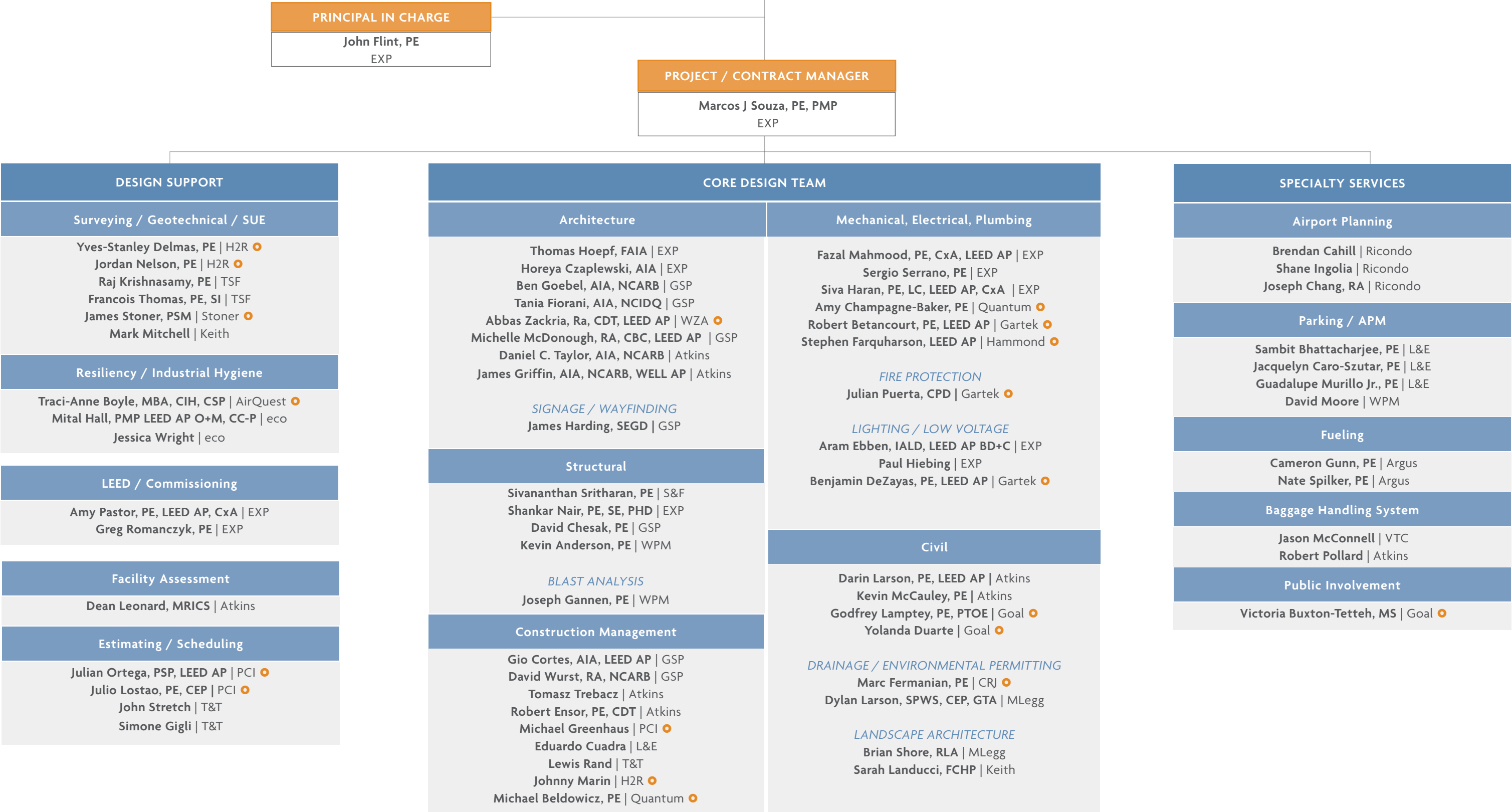
IMAGE: FLL Terminal 1 Modernization - EXP Team Member, Gresham Smith, Design



BROWARD COUNTY AVIATION DEPARTMENT

KEY

CBE Subconsultants



ADDITIONAL RESOURCES

The above Team will be augmented and supported by additional architects and engineers on an as-needed basis from EXP's staff of over 3,500.



EXP

MARCOS J SOUZA, PE, PMP

Director of Aviation/Senior Aviation Project Manager

Marcos Souza is a Professional Engineer and Project Management Professional with fifteen years of experience in executive Program / Project management, construction, and engineering design on both large and small commercial projects. Marcos has led multiple project teams at airports both large and small including Miami International Airport and Fort Lauderdale-Hollywood International Airport. As a Project Manager, Marcos is directly responsible for the oversight of aviation infrastructure projects including managing design consultants and construction management professionals. He is accustomed to leading large teams and most recently led teams of 19, 16, 9, and 10 multi-disciplined consultants, not including a separate construction management team of 30-50 individuals, on airport projects of ranging scale and complexity.

Professional Registrations + Certifications

- Professional Engineer: FL (No. 76210)
- Professional Engineer: GA (PE045802)
- Project Management Institute Project Management Professional
- Construction Specification Institute Construction Document Technologist

Education + Training

- BS (Civil Engineering), Florida Atlantic University, 2005

Languages Spoken

- English
- Portuguese
- Spanish

Project Experience**Fort Lauderdale-Hollywood International Airport, Terminal 4 Federal Inspection Services Expansion**

Project Manager managing a team of nineteen consultants including Gresham Smith, S&F Engineers Inc., CRJ and Associates, Stoner & Associates Inc., and Tierra South Florida Inc. The expansion of the Terminal 4 Federal Inspection Services Facility to increase passenger processing capacity from 800 to approximately 2,000 per hour includes a building expansion of approximately 35,000 SF and renovation of approximately 100,000 SF of existing terminal spaces. The project was separated into multiple phases to ensure continuous operation of Customs and Border Protection (CBP) functions. A major shift from traditional passenger processing will be achieved by consolidating CBP's processing functions on a single level creating a true "One Stop" process for passengers.

Fort Lauderdale-Hollywood International Airport, Terminal 4 Checked Baggage Inspection System

Project Manager managing a team of sixteen consultants including Gresham Smith, S&F Engineers Inc., Tierra South Florida Inc., and Gartek Engineering Corp. Design and construction of a new in-line baggage screening system capable of screening nearly 1,500 bags per hour in a conditioned facility housing baggage conveyors and screening equipment, new structural foundations, and mechanical, electrical, plumbing and fire protection upgrades. The project was highly phased and required constant coordination between the Design Criteria Professionals, Design-Builder, and multiple stakeholders including TSA and several airlines.

Fort Lauderdale-Hollywood International Airport, Terminal 4 Apron Expansion Project

The Terminal 4 Apron Expansion project consisted of the reconfiguration and expansion of the existing Terminal Apron to support the ongoing Terminal 4 Gate Replacement program. Divided into eleven phases to accommodate the airport's growing operations, the project included approximately 50 acres of new Portland Cement Concrete. New underground infrastructure including drainage, water, and sewer were modified to meet the new configuration. Constant coordination between the Design Team, Construction Managers, Contractor, and Owner's Operations staff was required during each phase.

Miami International Airport; H024C-1 Runway 8R-26L Pavement Rehabilitation Project

The rehabilitation of Runway 8R-26L required milling one inch of existing asphalt pavements and overlaying with three inches of asphalt on keel section and connectors. The Taxiway M and Taxiway N work consisted of variable thickness milling and asphalt overlay to restore cross section slope at a width of approximately sixty-two feet. Work was performed in multiple phases to maintain aircraft traffic to and from Miami's two northern runways.



EXP

THOMAS HOEPF, FAIA

Core Architecture

Mr. Hoepf, FAIA, is Vice President and Principal Design Architect at EXP. His experience includes a broad range of project types in new construction and complex renovations for public and private sector clients, including the General Services Administration, the Federal Aviation Administration, the Chicago Transit Authority, American Airlines, BP and the University of Illinois.

As Design Principal, Tom is responsible for setting the design direction for all projects. As a creative problem solver, he thinks strategically about the big picture and the small details. His involvement begins in the early programming and conceptual stages, and remains through design development and construction. He believes that good design is characterized by clarity of concept, integration of systems, elegance in detail and economy of means. He leads a multi-disciplined, collaborative team, is flexible and open to creative input, and builds consensus among team members to maintain vision and quality through the duration of the project. The result is innovative design that raises building to art, embodying the aspirations of the user while minimizing the burden on our natural systems.

Professional Registrations

- Registered Architect: FL, IL
- LEED Accredited Professional

Education + Training

- Master of Architecture, University of Texas, Arlington, Texas, 1986
- B.S., Architecture, Ohio State University, Columbus, Ohio, 1983

Project Experience**Chicago Department of Aviation, South Air Traffic Control Tower, Chicago, IL**

EXP provided architectural and engineering services for a new air traffic control tower. The project included many sustainable features including photovoltaic power generation and a 100% green roof. Work included the design of the 207-foot tall tower and 10,000 SF base office and support building, as well as site development and perimeter security. The innovative design provides a simple, economical and durable solution to meet the operational needs of the FAA, while at the same time, addressing the interest of the City of Chicago in creating an elegant, iconic image.

DFW Airport Authority, Dallas/Fort Worth International Airport - Design and Design Management Task Order Contract, Dallas, TX

EXP is working with Dallas/Fort Worth International Airport under a 3 year Delivery Order Contract to provide architectural and engineering design, design management, and related services for various types of structures and facilities, including airfield, civil engineering, and commercial site development projects under an indefinite delivery arrangement.

Dallas/Fort Worth International Airport, RCC ITS Upgrades, Dallas/Fort Worth, TX

Principal Design Architect. EXP is providing design services that upgrade the Rental Car Center (RCC) security and life safety systems to meet the current code. Completed design services will include upgrades to the PA/VE system to provide audio mass notification along with messaging, background music and regulatory messaging within the building and adjacent curbside areas. The fire alarm system will be modified to provide integrated visual (strobe) notification. Additionally, Security systems are required to monitor and secure the facilities. An Automated Access

St. Louis Lambert International Airport, Terminal Renovations, St. Louis, MO

EXP provided the design for the \$24M renovation of the existing main terminal at the St. Louis Lambert International Airport. EXP provided architectural, structural, interior design, and overall project management services as a part of a larger campaign to modernize the existing Airport designed by Minoru Yamasaki.

St. Louis Lambert International Airport, Concourse Architectural Renovations, St. Louis, MO

EXP was responsible for designing enhancements to and renovation of public areas in the 'A', 'B', and 'C' concourses. Designs were based on carrying over the concepts from the main terminal renovation to the concourses, including ceiling design and finishes, signage and wayfinding concepts, wall finishes, and advertising.

GRESHAM SMITH



BEN GOEBEL, AIA, NCARB

Core Architecture

A senior architect and project manager, Ben leads the firm's aviation studio in Fort Lauderdale. Ben's experience includes design and project management of complex medium- to large-scale airport terminal projects that involve large design teams consisting of multiple design disciplines. He has a strong track record of increasing value for clients by developing innovative solutions to the unique challenges of airport design.

Professional Registrations

- Architect – FL, NC

Education + Training

- M.A., Architecture, University of Illinois
- B.S., Architecture, Ball State University

Project Experience

Fort Lauderdale-Hollywood International Airport (FLL), Terminal Modernization and Redevelopment Program, Fort Lauderdale, FL

Ben provided overall project leadership in an executive oversight role. He developed the overall concept, and provided planning and programming services for the functional elements of the facility. After the conceptual and planning phase was complete, he provided team oversight at an executive level to make sure the constructed project meet the overall design intent and client's needs. He also managed project scope and budget throughout life of project. In support of efforts by the Broward County Aviation Department to improve the customer experience and passenger flow at FLL, Gresham Smith is providing design services for facility-wide, multi-phased airside, landside and curbside renovations. The modernization efforts focus on upgrading the level of service of multiple terminal components, as well as upgrades to all public-area interior finishes.

Fort Lauderdale-Hollywood International Airport (FLL), Terminal 4 Reconfiguration & Expansion of the Federal Inspection Services (FIS) Facility, Fort Lauderdale, FL

In addition to the airportwide modernization program, Gresham Smith is providing planning, programming and schematic design for an all-new CBP facility in Terminal 4. This new facility is designed for a processing capacity of 1,800 passengers per hour, utilizing a one-stop process and emerging technologies such as Automated Passport Control kiosks, Global Entry and the USCBP Mobile Passport Control app to streamline the passenger experience. Broad skylights that frame the Florida sky above each baggage carousel highlight the facility's organization while optimizing energy use.

Fort Lauderdale-Hollywood International Airport (FLL), Signage and Wayfinding Master Plan, Fort Lauderdale, FL

Gresham Smith developed a Signage and Wayfinding Master Plan, which outlined a wayfinding strategy and methodology for the removal, repositioning, or addition of elements, as well as how best to approach application of new sign standards. Our environmental graphic design and transportation professionals also collaborated on the development of a GIS-based wayfinding sign inventory and database for over 5,000 exterior and interior wayfinding signs.

Fort Lauderdale-Hollywood International Airport (FLL), JetBlue Airways Inflight Lounge, Fort Lauderdale, FL

Gresham Smith designed an 18,000-square-foot tenant buildout to relocate the JetBlue inflight crew lounge and leadership offices to a new location in Terminal 3 of the Fort Lauderdale-Hollywood International Airport. The layout includes nearly 50 workspaces divided among offices, workstations and "plug-and-play" bench seating, as well as ample conferencing space. The lounge area includes nearly 100 seats in different inviting configurations.



TAIA FIORANI, AIA, NCARB

Core Architecture

Tania has designed and implemented a variety of terminal expansions and renovations as well as high-end hospitality functions at major international airports around the world. She specializes in helping airports provide a higher level of customer service with premium concessions, lounges, hotels, and other amenities. A native of Venezuela and longtime resident of South Florida, the licensed architect and interior designer has an eye for opportunities to expand airport revenue within existing facilities. Tania has worked on all types of aviation architecture from luxury lounges to projects with limited budgets and schedules, and each project received the same level of artistry, detail, and quality of design.

Professional Registrations

- Architect: FL
- Interior Designer: FL

Education + Training

- Bachelor Degree, Architecture, Universidad Simon Bolivar

Project Experience

Fort Lauderdale-Hollywood International Airport (FLL), Terminal 2 Modernization, Fort Lauderdale, FL

This LEED certified project will expand capacity for the security checkpoint to support future ASL implementation, expand holdrooms to accommodate a flexible fleet mix, and alleviate congestion, and providing new and expanded amenities. The building expansion includes an all new multistory space featuring an airline club on a new mezzanine level, freeing up lower level space for expanded concessions, holdrooms and views to the airfield in all directions. The project also includes secure airside connectors to Terminals 1 and 3.

Fort Lauderdale-Hollywood International Airport (FLL), Terminal 3 Modernization, Fort Lauderdale, FL,

In support of efforts by the Broward County Aviation Department to improve the customer experience and passenger flow at FLL, Gresham Smith is providing design services for facility-wide, multi-phased airside, landside and curbside renovations. Tania helped the team in designing the Terminal 3 improvements which aim optimize the use of, and enhance the interior environment including improvements to concessions, security checkpoints, restrooms, holdrooms and wayfinding.

Fort Lauderdale-Hollywood International Airport (FLL), Terminal 4 Modernization, Fort Lauderdale, FL,

In line with the Terminal Modernization Program, Terminal 4 received a renovation and modernization of the existing federal inspection station (FIS) Renovation and Modernization of existing Federal Inspection Station in the terminal's Baggage Claim Hall.

Miami International Airport - New American Airlines Hub North Terminal Development - Concourse Finishes & Interiors, Signage, and Millwork,* Miami, FL

Coordinated interior finishes and design concepts; developed and implemented design guidelines for amenities in the new terminal; developed, coordinated and managed concessions guidelines; developed, managed, and executed the NTD Signage Pre-Purchase Package; designed, managed, and executed the NTD Millwork Pre-Purchase package handling all concourse and terminal related (FIDS).



Mr. Zackria has twenty three years of progressive experience in planning, design and construction of municipal, recreational, and commercial projects. Since joining the firm in 1998, he has worked extensively on municipal and commercial projects in this office. Currently, he is responsible for all firm projects from inception to final completion, and he is the firm's primary client liaison. He has successfully completed hundreds of traditional Design / Bid / Build and Design / Build projects.

Professional Registrations

- Registered Architect: Florida, Illinois, and Maryland

Education + Training

- Bachelor of Architecture, Rensselaer Polytechnic Institute
- Bachelor of Building Science, Rensselaer Polytechnic Institute

ABBAS H. ZACKRIA, AIA, NCARB

Core Architecture

Project Experience

Broward County Aviation Department

Public Works Maintenance Facility for Fort Lauderdale International Airport. LEED Silver Certified. 2016 AGC Design Award Winner.

Broward County Construction Management Division

Design/Bid/Build Hurricane Hardening Upgrades to existing Public Safety Building.

Broward County Facilities Maintenance Division

Various Renovations to existing facilities including Chiller Plant Replacement, New Library Lights, New Condensate Lines, and ADA Renovations.

City of Miramar

Police Headquarters DCP.

City of Wilton Manors

City Hall and Police Station, Mickel Park and Richardson Park Renovations.

City of Coconut Creek

2014 National AWP Design Award Winner and LEED Silver Certified - Design/Bid/Build New Public Works Building with Regional 911 Dispatch Center and EOC.

City of Coral Springs

Mullins Park Meeting/concessions building, Kiwanis Park Meeting Building, North Community Park, Police Station and City Hall Office Renovations, Mullins Park Soccer and Concession Building and Teen Center, Aquatic Center and Tennis Center Renovations, Water Treatment Plant Administration Building, Police Firing Range and Police Station Renovation projects.

City of Fort Lauderdale

Aquatic Center Complex Evaluation and Master Planning Design, City Hall Renovations, Traffic Administration Building Renovations, Warfield Park Community Center, Lauderdale Manors Community Center, Croissant Park Community Center, Holiday Park Dugouts, Snyder Park Bldg. D.C. Alexander Park, Cancer Survivor's Plaza, and South Beach Restroom.

City of North Lauderdale

City Hall Renovations, Water Treatment Plant Controls Building, Teen Center Renovations, Aquatic Center Renovations, Public Works Building and Charter School Roof Replacement, New Fire Station #34, Fire Station #44 Renovations and other projects.



Ms. McDonough has seventeen years of management experience in various areas of construction development. Her experience ranges from small interior renovations to multimillion dollar municipal and commercial construction projects. She has knowledge of building construction methods and procedures, with an emphasis on architectural and engineering design, budget analysis, project coordination and construction administration.

Professional Registrations

- Registered Architect: Colorado

Education + Training

- Bachelor of Architectural Design, University of Florida

MICHELLE MCDONOUGH

Core Architecture

Project Experience

Broward County Aviation Dept. Ft. Lauderdale/Hollywood International Airport

Terminal 3 Checkpoint E Renovation and Reconfiguration (\$12M)
Terminal 3 Checkpoint F/Escalator Relocation, design, construction documents (\$SM)
FIDS Monitor Replacement in Terminals 1, 2, and 4
Rental Car Center Directory Sign Replacement
Palm Garage Expansion Joint Replacement
Red Mango Renovation
Sheltair Office Renovations
Bombardier Office Renovations

Broward County Sheriff's Office

North Broward Jail Addition and Renovation; Pompano Gun Range, Crime Lab Renovations, Interview Room Renovations, Body Cameras, Pass-thru Door Replacement, Overhead Doors and Boiler Replacement, Main Jail Renovations, and Public Safety Building Office Renovations.

Broward County Aviation Department

Maintenance Facility at Fort Lauderdale/Hollywood International Airport

City of Coconut Creek

Engineering Building Addition

City of Delray Beach -

Old School Square Historic Building Renovations

City of Fort Lauderdale

Aquatic Center Evaluation, Parking Administration Office Building

City of Miramar

Police Department Substation, Water Treatment Lab Addition

City of Sunrise

Pine Island Athletic Complex, Civic Center Addition

Broward County

Sunview Park Community Center, Anne Kolb Tower and exhibit renovations, Agriculture Building Renovations, Everglades Holiday Park

City of Pompano

Kester Park Concession and Restroom Buildings



GRESHAM SMITH

JIM HARDING, SEG D

Signage and Wayfinding Designer

Jim leads Gresham Smith's Experiential Design Group (XDW). He combines the architectural and engineering resources of the firm with his decades of experience to ensure the success of his clients. He has served as the Principal Investigator on multiple research projects for the Airport Cooperative Research Program (ACRP) that established best wayfinding practices and principles for the aviation industry. Jim understands the value of applying a research-based approach to help tailor the best wayfinding and signage design for your project. A published, award-winning professional, Jim's approach for the planning and design of wayfinding systems is focused on the customer experience that evaluates how to leverage all forms of communication to meet the needs of individual travelers throughout their journey.

Professional Registrations

- Society of Experiential Graphic Design

Education + Training

- Bachelor of Fine Arts, Design, University of Memphis

Project Experience**Fort Lauderdale-Hollywood International Airport (FLL), Wayfinding Master Plan, Fort Lauderdale, FL**

Jim led the development of the Signage and Wayfinding Master Plan, which outlined a wayfinding strategy and methodology for the roadway, curbsides, three garages (11,000 spaces), and four terminals. Gresham Smith has continued with implementation of the standards as part of the ongoing Terminal Modernization Projects and the recent comprehensive upgrade and replace all airport roadway, curbside and garage signage.

Charlotte Douglas International Airport (CLT), Wayfinding Master Plan, Charlotte, NC

Jim led the multi-discipline design team to develop and implement an airport wide master plan for wayfinding and signage. Helping passengers find their way without getting lost or confused, the solution addresses the airport's entire wayfinding experience—from the gateway to the gate areas—improving how customers navigate this busy top ten airport.

Singapore Changi International Airport (SIN), Airport Wayfinding Study, Singapore, China

Gresham Smith completed a wayfinding study to evaluate and identify opportunities for improvement, as well as to develop recommendations for creating a more positive wayfinding experience for passengers. We analyzed the airport's unique challenges to develop a comprehensive set of recommendations, which to ease anxiety and help passengers navigate the large, complex space for a lasting, positive impression of the airport.

Additional Project Experience

- Fort Lauderdale-Hollywood International Airport, Signage and Wayfinding Master Plan, Fort Lauderdale, FL | Project Manager
- Fort Lauderdale International Airport, Terminal Modernization Services, Ft. Lauderdale, FL | Project Manager
- Denver International Airport, Comprehensive Signage Upgrade, Denver, CO | Project Executive
- Tampa International Airport CONRAC & APM, Tampa, FL | Experiential Designer
- Tampa International Airport, Main Terminal Interior Modernization Program, Tampa, FL | Experiential Designer
- Tampa International Airport Wayfinding Evaluation, Tampa, FL | Project Manager



EXP

FAZAL MAHMOOD, PE, CxA, LEED AP

Core Mechanical Engineer

Fazal Mahmood has over 40 years of mechanical engineering experience. His experience includes project management, establishment of the scope of work and contract budget, coordination of all aspects of the project with the client, preparation of studies and reports, preparation of construction drawings and cost estimates, specification writing, shop drawing review and field observation.

Fazal specializes in the design of airport, federal, commercial and health care facilities He is familiar with the codes and regulations governing the health care industry. He was instrumental in performing the energy analysis and retro-commissioning of various Veteran Administration (VA) hospitals located through out the midwest region of US.

Professional Registrations

- Professional Engineer: IL, MD, MO, TX
- Certified Commissioning Authority
- LEED Accredited Professional (LEED AP)
- Member ASHRAE

Education + Training

- M.S., Mechanical Engineering, University of Connecticut, Storrs, CT, 1979
- B.S., Mechanical Engineering, N.E.D. University of Engineering & Technology, Pakistan
- ACG Certified Commissioning Exam

Project Experience**Dallas/Fort Worth International Airport, Integrated Operation Center (IOC), Dallas/Fort Worth, TX**

EXP is providing design services for DFW Airport's Integrated Operation Center (IOC) to be located on a 7.5 acre site within the Airport's Southwest Campus. The design of the a new 40,000 SF IOC facility will consolidate and integrate key Airport department personnel into a new building affording DFW operational efficiencies to opportunity to realign DFW operations with emerging technological innovations in both airport operations and emergency operations. The design team is working with a Construction Manager at Risk (CMAR) to deliver the project on a timely, yet accelerated schedule.

Task Orders, Chicago Department of Aviation, Chicago, IL

EXP has been working on task order assignments with the Department of Aviation for over 40 years. Task order projects may include architectural planning, designing, drawing, drafting, specifying, estimating, reviewing, management, and administration during the project construction phase on projects for the department. Fazal was responsible for the design of concourse H/K and 8C upgrade, American Airlines baggage room HVAC upgrade, and air handling replacement and H&R plant.

O'Hare International Airport, Terminal 2 Interior Renovation, Chicago, IL

Fazal served as Project Manager for this project in which EXP provided architectural, engineering, and project management services for the renovation of Terminal 2 which is part of the overall plan for the expansion/renovation of O'Hare's Terminal 1, 2, and 3. This project included the interior renovation of the central core area, which incorporates primarily airline and CDA offices and some concessions, and façade and circulation enhancements.

CDA, Partial Relocation of Taxiways Alpha Bravo, O'Hare International Airport, Chicago, IL

Mechanical Engineer for Pump Station. EXP is designing the relocation of the circulator taxiways Alpha and Bravo to improve airport operations and enable the development of the O'Hare 21 Terminal Area Plan. Alpha and Bravo currently encircle Terminals 1, 2, and 3, providing access to all domestic gates from the north and south airfields. Relocating Alpha and Bravo will allow the reconstruction and expansion of Terminal 2 into the new international terminal, as well as allow for construction of the new midfield concourses. Working with CDA and the PMT, EXP is also reconfiguring nearly all of the airfield electrical systems and utilities to prepare for the TAP, saving time and money.



EXP

SERGIO SERRANO, PE, LEED AP

Core Mechanical Engineer

Sergio leads EXP's Miami Mechanical Engineering Department and oversees Mechanical Staff Engineers & Designers. He conducts Quality Assurance / Quality Control (QA/QC) Sessions and completes project manuals on projects prior to project submissions. He also provides concept design for projects in the early planning stages through the development of Basis of Design Document which outlines the schematic concepts and general descriptions of mechanical systems being proposed. Sergio interfaces with Architects, Civil Engineers, Structural Engineers or other external consultants in the project as required for overall coordination of design, as well as internally with the rest of our engineering disciplines (Electrical, Plumbing, Fire Protection) for well-coordinated construction document submissions.

Professional Registrations + Certifications

- Professional Engineer: FL

Education + Training

- Bachelor of Science in Mechanical Engineering, University of Central Florida

Project Experience

Miami International Airport, Interior Build-out of Federal Inspection Services Area, Miami, FL

Project included the interior build-out of 740-FIS (Federal Inspection Services Area) for American Airlines' North Terminal Development project at MIA's CD Concourse.

Miami Dade Police Department Headquarters Chiller and Lab Hood Fan Replacement Project, Miami, FL

EXP, as the prime designer, is providing engineering, permitting and construction administration services for multiple Miami-Dade police department mission critical facilities for new construction, upgrades and repairs. We have commenced the initial project to replace the chiller plant infrastructure and CSI Lab Exhaust Systems at Miami-Dade Police Department Headquarters. The project specifically entails the replacement of two water cooled 350-ton chillers with associated piping and pumping systems including new 700-ton cooling tower in central chiller plant. Replacement of numerous CSI lab hood exhaust fans. Project approach circles around maintaining uninterrupted operations throughout the facility while the work is being conducted via the use of phasing and sequencing of scope of work activities. Sergio serves as the Project Manager and Lead Mechanical Engineer for this project.

Brightline, Aventura Station, Aventura, FL

The Aventura station, located just west of Aventura Mall, will be built on three acres of land. The station itself will be approximately 17,500 square feet and includes a 860-foot platform along the tracks. Construction also adds 240 parking spaces, and the site includes a bus circulation area. Includes a pedestrian bridge and three vertical circulation towers that will extend over Biscayne Boulevard to provide direct access from the station to Aventura Mall.

Marlins Stadium Parking Garage Structures, Miami, FL

The complex includes two five-story and two six-story structures totaling approximately 1.95M-SF of parking and retail space. Site improvements for six adjacent surface parking lots to the east and west of the park create approximately 5,643 parking spaces. 54,000 SF of retail space located on the ground floors of two of the garages.

Miami-Dade County Public Schools, Six K-8 Prototype Schools, Miami, FL

Project included Six K-8 Prototype schools for Miami Dade County Public Schools, each with approximately 120,000 to 150,000 SF of air conditioned space. Identified as State Schools D, CC-1, DD-1, TT-1, E-1 and P-1. Each prototype school included a new Central Water Cooled Chilled Water Plant ranging from 600 to 750 tons of capacity.



EXP

SIVA HARAN, PE, LC, LEED AP, CxA

Core Electrical Engineer

Siva Haran has over 35 years of extensive experience in electrical engineering, lighting and project management services. His project experience includes lighting and electrical systems design for a variety of facilities. He has worked on projects including office buildings, educational buildings, aviation facilities (land and air), libraries, hospitals, public works facilities, hotels and retail centers, residential buildings, warehouses, high rise buildings, vehicle maintenance facilities, exterior sitework, and roadway facilities. Siva also has experience in providing complete CADD assisted analysis, engineering and design, maintaining budgets, schedules, and project management. He is also engaged in publications, teaching, and presentations in the industry.

Professional Registrations + Certifications

- Professional Engineer: IL, CA, FL, IN, MD, MI, MN, MO, OH, TX, WI

Education + Training

- M.S., Architectural Engineering, Oklahoma State University, Stillwater, Oklahoma, 1982
- B.Arch (Hons) Architecture, Indian Institute of Technology (IIT), Kharagpur, India, 1979

Project Experience

CDOT, Airport Transit System (ATS) Bridge Over I-190, Chicago, IL, USA

EXP was the lead design consultant for the modification and lengthening of the O'Hare Airport Transit System (ATS) Bridge over I-190 as an advance work contract to facilitate the widening of I-190 and construction of the proposed Balmoral Avenue extension. The scope included removing the existing south abutment and extending the bridge structure further south to a newly constructed abutment. Siva was involved with this project during the construction and administration phases. Siva served as Quality Assurance and Quality Control Reviewer for electrical design. Electrical design components included 750V DC power distribution and control house, Area lighting, FAA circuit, Communication systems, Track - heat trace, expansion joints, grounding and bonding, power feeds, Electrical Design also included negative detectors and signage. Siva Haran was also involved in Construction and administration phases.

Dallas/Fort Worth International Airport, Terminal C Enhancements (Confidential), Dallas/Fort Worth, TX

EXP is working with Dallas Fort Worth International Airport under a 3 year delivery order contract to provide architecture and engineering services for a variety of structures and facilities throughout DFW facilities and property. Siva is acting as the Electrical Engineer for this project.

Fire Protection System at H & R Plant, Chicago Department of Aviation, O'Hare International Airport, Chicago, IL

EXP provided design and construction administration services for these projects. Siva was the senior electrical engineer for the H & R plant. The project involved adding wet pipe sprinkler systems. The sprinkler flow switches, tamper switches for several zones and alarm bells were connected to existing Siemens XLS fire alarm system control panel. The scope involved studying the existing panel for capacity, adding new devices and wiring them to the panel.

Dallas/Fort Worth International Airport, Terminal D Revolving Door, Dallas/Fort Worth, TX

EXP is working with Dallas Fort Worth International Airport under a 3 year delivery order contract to provide architecture and engineering services for a variety of structures and facilities throughout DFW facilities and property. Siva is acting as QA/QC for this project.

**AMY L. CHAMPAGNE-BAKER, PE.**

Core Mechanical Engineer

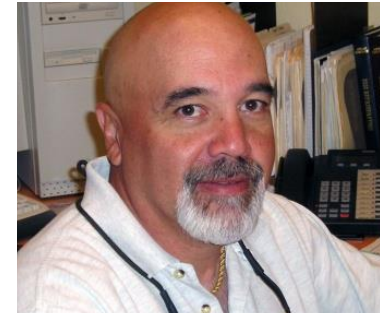
Amy Champagne-Baker is a 23-year Professional Engineer experienced in electrical design and construction management, with an extensive background completing various electrical engineering projects throughout the state of Florida. Amy strives to be an innovator who excels in the challenge of accurate solutions for difficult situations in the design and implementation of electrical systems. Throughout her career she takes great pride in being a well-rounded and reliable leader with outstanding interpersonal and communication skills who is driven to develop and grow within a challenging and rewarding environment.

Professional Registrations + Certifications

- Mechanical Engineer: FL No. 58792
- Plumbing Plan Reviewer SBCCI, 1996
- Plumbing Inspector SBCCI, 1996
- Certificate of HVAC Design, 1991

Education + Training

- Juris Doctor University of Miami, 1997
- B.S. in Mechanical Engineering Florida International University, 1991

QUANTUM**ROBERT L. BETANCOURT, PE, LEED AP**

Core Mechanical Engineer

Professional Registrations + Certifications

- Professional Engineer State of Florida PE # 34788
- LEED Accredited Professional

Education + Training

- Bachelor's in mechanical engineering: Florida International University

Robert is President at Gartek with over 30 years of design experience in Heating, Ventilation, Air Conditioning, Smoke Control, Plumbing and Fire Protection Systems. His extensive experience includes design of central chilled water plants, pre-conditioned air systems with thermal storage for parked aircraft, Indoor Air Quality design including odor and air contaminants control through ventilation, dilution, neutralization of building positive and negative charges and improved filtration systems, packaged air cooled and water cooled systems, split direct expansion and unitary systems; high velocity, high pressure duct systems; steam heating; energy conservation studies, life cycle analysis, automatic wet pipe fire protection systems, pre-action systems and foam deluge systems.

Mr. Betancourt serves as the firm overall coordinator and expeditor for mechanical projects. He is responsible for meeting with clients, attending presentations and supervises activities across the project design team. He is instrumental in developing mechanical designs, coordinates design progress with other system design disciplines internally, and coordinates design development with building architects and engineers from pre-design activities through 100% design submittals. He participates in mechanical construction administration and inspection services on a regular basis and is the Mechanical Engineer of Record. Robert is also involved in code compliance issues and review of other professionals' design to ensure quality control.

Project Experience

- Fort Lauderdale International Airport (FLL) Terminal 3 TSA and Jet Blue Baggage Inspection System Baggage Handling System Expansion
- Ft. Lauderdale/Hollywood International Airport (FLL) Administration Offices
- Fort Lauderdale International Airport Terminal 2 Modernization
- Fort Lauderdale International Airport Terminal 1 United Airlines United Club
- Ft. Lauderdale/Hollywood International Airport (FLL) New A, B, C, D, & E Hangars
- Fort Lauderdale International Airport Baggage Handling System Upgrades
- BCAD Residential Sound Insulation Program
- BCAD Environmental Planning and Acoustical Consulting Services Various Projects: Miami International Airport, Palm Beach International Airport, Orlando International Tampa International Airport, Luis Munoz Marin International Airport of Puerto Rico, Phoenix Terminal 4, Harrisburg International Airport, Dallas Fort Worth International Airport

Project Experience**Fort Lauderdale / Hollywood International Airport - Terminal 4 Gate Replacement Western (Wp403) & Eastern (Wp407) Expansion**

This Project included the design services for the new Terminal 4 Gate Replacement Project at Ft. Lauderdale-Hollywood International Airport. The design was broken into Western and Eastern phases, WP403 & WP407 respectively. The project included the demolition of the existing Concourse H at Terminal 4 along with the design of a new 14 gate replacement, while keeping the existing Terminal operational to International passengers. Included in the design was onsite verifications, testing and calculations, design of all the power, control and lighting systems, lightning protection systems, connections to baggage systems, 4160V Emergency power expansion, fire pump generator design, and apron lighting,

Fort Lauderdale / Hollywood International Airport – Terminal 2, Terminal 3 And Terminal 4 Generator Connection

This Project included design services for a new dedicated generator control signal between each automatic transfer switch in Terminal 2, Terminal 3, Palm Parking Garage and Terminal 4 with the generator emergency power generator plant. The project included the demolition of the existing connection to the outdated control system and the design of new local control panels. New fire rated communication cable was installed between the new control panels and the paralleling equipment for the Airport to be in compliance with the National Electrical Code and NFPA.

Fort Lauderdale / Hollywood International Airport (Wp-304/305) Runway, Crossfield Taxiways & Holdpad Paving, Lighting And Signage

This Project included the designed for new 8,000 ft elevated Runway 9R-27L along with 6 new taxiways and 19 connectors electrical & lighting systems, 250 in pavement lighting fixtures and 700 elevated lighting fixtures, guidance signage, airfield lighting vault electrical and airfield lighting computer control monitoring system modifications, 2 new PAPI systems, 3 new wind cones, and power and control distribution ductbank systems for all FAA NAVAIDS systems.

Fort Lauderdale / Hollywood International Airport Generator Paralleling Switchgear Replacement

Designed the replacement of the existing 480V Generator Paralleling Switchgear to parallel three existing generators. Included on-site verifications, testing and calculations, designed all power, 480V:4,160V step up transformers for Terminal 4 power, temporary generator systems, and integration with existing Facility Management Systems.



HAMMOND

STEPHEN FARQUHARSON, LEED AP

Core Electrical Engineer

Stephen Farquharson is an Electrical Engineer with over 14 years of Electrical Engineering Design and Construction Administration experience. He has served as lead Electrical engineer on many Hammond's renovation projects. His expertise includes design of the UPS, fire alarm, lightning protection, lighting, and power systems. Stephen has provided Electrical design and construction management for various of Hammond's municipal, government, and county projects. He has the expertise in managing complex projects requiring LEED design including several LEED Silver projects.

Professional Registrations + Certifications

- LEED AP

Education + Training

- B.S. in Electrical Engineering Florida Atlantic University, 2006

Project Experience

Fort Lauderdale / Hollywood International Airport - Terminal 4 Eastern Phase, Fort Lauderdale, FL

The general scope of the project includes the expansion of the new concourse adding eight (8) gates demolition of the existing Concourse H, reconfiguration of the Security Screening Check Point (SSCP) and construction of the Broward County Aviation Department (BCAD) offices. Hammond & Associates provided Mechanical, Electrical, Fire Protection.

Fort Lauderdale / Hollywood International Airport - Terminal 4 Western Phase, Fort Lauderdale, FL

The Terminal 4 modernization at FLL includes expanding the terminal area from 60,000sf to 490,000sf with 30 ft ceilings. It includes development of a new Concourse G with 14 gates (four new and ten from the adjoining Concourse H) for international and domestic flights. Hammond & Associates provided Mechanical, Electrical, Fire Protection.

MIA Public Restrooms Modernization Terminal E, Miami-International Airport, Miami, FL

Evaluation condition of existing HVAC Equipment currently serving the space to be renovated. Hammond & Associates provided Mechanical, Electrical, Fire Protection and Fire Alarm Design services to renovate (6) existing restrooms at Miami International Airport.

MDAD TAC N AA-033A, Signature Flight Support Interior Renovations at Miami Opa-Locka Executive Airport

The project is an interior renovation/refurbishment of the existing two-story Terminal Building leased by Signature Flight Support. The renovations include a new bistro and passenger waiting area, re-theming of the main two-story lobby by re cladding the stair, adding new light fixture and new counters as well as removing interior elements. The pilot's facilities were moved to the second floor an expanded to include sleep rooms, an entertainment area and a flight planning room. The restroom renovation included ADA upgrades and showers. The floors and wall panels were replaced throughout the building as well as lighting and HVAC.

New Toll Plaza - Fort Lauderdale / Hollywood International Airport, Fort Lauderdale, FL

Provided complete engineering design for the newly relocated toll collection plaza at Fort Lauderdale International Airport. The design included an air handling unit that supplied the new administration facility and the toll booths.



EXP

ARAM EBBEN, IALD, LEED AP BD+C

Core Lighting / Low Voltage

Providing creative direction for EXP's lighting design group, Aram combines illumination artistry with technical expertise to create award winning lighting designs the world over. Aram's creative and compelling lighting design projects have ranged from major international theme parks and aquariums to high-end destination resorts. Drawing from this rich and varied resume, Aram is able to provide truly unique and creative solutions to any lighting design challenge. Currently, Aram and his team of exceptional lighting design artists are providing designs for a state-of-the art conference center in Riyadh, Saudi Arabia; a theme park in the United Arab Emirates; a hotel and convention center in Orlando, Florida; and a roller coaster in Tampa, Florida.

Professional Registrations + Certifications

- Leadership in Energy and Environmental Design Accredited Professional

Education + Training

- Motley School of Design, London, ENGLAND
- Bachelors of Arts, Pitzer College, Claremont Colleges, CA

Project Experience

CDOT, Washington Wabash Elevated CTA Station, Chicago, IL

The new Washington/Wabash Station transforms the perception of public transportation facilities, and becomes a new gateway for Millennium Park and many of Chicago's downtown attractions. The iconic project included the demolition of two existing transit stations, installation of new and modified track super structure, station fare collection areas, two new 425-foot long platforms and signature canopies. The design resolves the challenges of constructing a new station in a dense urban environment while maintaining active transit service in one of the nation's most heavily traveled transit corridors. This project is referred to as the "new Gold Standard for public transit infrastructure" by Mayor Rahm Emanuel and "is a considerable achievement, one that brings Chicago's storied Loop fully into the 21st Century."

CTA, 95th Street Terminal, Chicago, IL

EXP was responsible for full construction document preparation, construction phasing and cost estimates. Project challenges included: providing even illumination without glare to the façade of the new iconic structure clad in red aluminum. Since the structure spans over the Dan Ryan, particular care was taken to insure that no glare would be visible to motorists crossing below the station.

Borrelli Partners, Orange County Convention Center Façade Lighting, Orlando, FL

Provided lighting design services for the new relighting project of the expansive North South complex of the Orange County Convention Center. EXP was responsible for full construction document preparation, construction phasing and cost estimates. Project challenges included: Large, iconic structure lit with color changing, dynamic LED lighting. I Reference: James Moore, Senior Associate, jmoore@borrelliearchitects.com

SRSS, Waldrof Astoria, Orlando, FL

Provided lighting design services for the interiors of the new Waldorf Astoria in Orlando, FL. EXP was responsible for full construction document preparation, construction phasing and cost estimates. Project challenges included: new lobbies, restaurants, spa meeting rooms and ballrooms.

Additional Experience

- Ferrari World, Abu Dhabi, UAE
- Warner Bros, Abu Dhabi, UAE
- Sea World Orlando, Manta, Orlando, FL, USA
- Discovery Cove, Orlando, FL, USA
- Busch Gardens Cheetah Hunt, Tampa, FL, USA
- Busch Gardens Jungala, Tampa, FL, USA
- *Toon Lagoon, Universal Island's of Adventure, Orlando, FL, USA
- Enchanted Oasis, Jeddah, Saudi Arabia, UAE
- *LEGOLAND, California, Carlsbad, CA, USA
- *Universal Studios Shanghai, Shanghai, CHINA



GARTEK

BENJAMIN DEZAYAS, PE., LEED AP

Core Electrical Engineer

Professional Registrations

- P.E. Lic. No: 82325
- LEED, AP GBCI # 10267248

Education + Training

- BS, Electrical Engineering Florida International University, Miami, Florida

Mr. De Zayas has 15 years of experience in design and drafting electrical, lighting, fire alarm, lightning protection, low voltage and communication systems for aviation, hospitality, commercial, health care, educational, and government facilities, domestic and international. His experience encompasses all aspects of design from schematic design development through construction documentation and continuing to the conclusion of construction administration. He has performed fault current and coordination studies for new designs using SKM systems analysis software as well as lighting calculations to meet photometric illumination and energy requirements.

Project Experience

- Fort Lauderdale International Airport (FLL) Terminal 3 Ticket Counter Upgrades
- Fort Lauderdale International Airport (FLL) Terminal 4 CBIS/BHS. Power, lighting, communications, technology, FA & security system design for construction documents
- Fort Lauderdale International Airport (FLL) Terminal 3 TSA and Jet Blue Baggage Inspection System Expansion. South Lobby Modifications
- Miami International Airport (MIA) American Airlines Hub Control Center Services to relocate Aircraft Operations to a new "Virtual Tower called the Hub Control Center (HCC)
- Miami International Airport (MIA) FIS Re-check design of the power, lighting, security, and fire alarm systems
- Miami International Airport (MIA) D-4 Checkpoint
- MIC Central Station, East and West Concourses, Electrical Construction Administration
- Palm Beach International Airport (PBI) Baggage Handling System Upgrades. Palm Beach
- ISS Data Center at ESS Warehouse, Palm Beach, Florida



S&F

SIVANANTHAN SRITHARAN, PE

Core Structural Engineer

Mr. Sritharan has been involved in structural engineering design and project management for over 25 years. He has experience in nearly all types of building materials and structural framing systems used in construction today and in the past century. He has completed over two thousand projects of small additions costing few thousands to airport terminals and medium rise buildings costing over \$150 million. He is the founder and principal of S&F Engineers, Inc., his responsibilities include project management, quality control of engineering products and marketing engineering services.

Professional Registrations + Certifications

- Professional Engineer Florida #51133
- Professional Engineer New York #093081-1
- Special Inspector Florida 2025

Education + Training

- M.S., Structural Engineering, Vanderbilt University, 1990
- B.S. Civil Engineering, Indian Institute of Technology, 1988

Affiliations + Memberships

- (SEI) Structural Engineering Institute
- (ASCE) American Society of Civil Engineers
- (AISC) American Institute of Steel Construction Society of Registered Architects

Project Experience**Broward County Aviation Department, Terminal 4 Gate Replacement - Western Expansion, Fort Lauderdale, FL; \$90,000,000; Engineer-of-Record**

Mr. Sritharan served as Engineer-of-Record for this project. S&F Engineers, Inc. is provided structural engineering design services. The project included developing design for complete replacement of the existing terminal with a new 14 gate concourse with a new 730 ft long connector bridge to Terminal 3 and development of construction documents for the Western Expansion that cost over \$140 Million.

Broward County Aviation Department, Terminal 4 Gate Replacement - Eastern Expansion, Fort Lauderdale, FL; EST. \$100,000,000; Engineer-of-Record

Mr. Sritharan is serving as the Engineer-of-Record for this two-phase construction project that is expected to cost over \$100 Million. The project will add eight new international gates, offices for the aviation department and FIS corridors and screening facility. Existing concourse will be in operation during first phase of this project and will be demolished before the second phase. The requirements to keep the busy airport in continuous operation greatly added to the complexity to the design. The first gates opened in December of 2017. The phase 2 of the project is currently under construction and nearing completion.

Broward County Aviation Department, Terminal 3 Security Checkpoint Expansion, Fort Lauderdale, FL; \$4,900,000; Project Manager and Special Inspector

S&F Engineers, Inc. provided design and special inspection services for this project with Mr. Sritharan serving as the Project Manager. The project involved relocating four escalators and two stairs, in addition to replacing two elevators to accommodate the expansion of the Security Checkpoint and queuing at the terminal.

Broward County Aviation Department, Terminal 4, Re-Check Facility, Fort Lauderdale, FL; \$17,000,000; Project Manager

A new recheck facility was designed and constructed in an ultra-fast-track schedule when Spirit Airline expanded its operations at the airport and needed a facility within 5 months. Working closely with the design team, contractor, airline and the aviation department, the structural design team led by Mr. Sritharan designed and prepared drawings within weeks to start foundation work. The construction was completed on time and met the client's expectations.



EXP

SHANKAR NAIR, PhD, SE, PE, NAE

Core Structural Engineer

In his 45 plus years of engineering practice, Dr. Nair has focused on structural engineering for large architectural and civil engineering projects. This has included the design of many major bridges, including structures for interstate highways over the Mississippi River, and the structural systems of many skyscrapers.

Dr. Nair's building projects include a 70-story building in Chicago in which the lower 30 levels were framed in steel and the upper 40 levels in concrete. His bridge designs included the longest tied arch in the world and the longest composite steel stringer span in the US.

Professional Registrations + Certifications

- Professional Engineer: AL, AZ, AR, CO, CT, DE, DC, FL, GA, IN, IA, KS, KY, LA, MA, MD, ME, MI, MN, MS, MO, MT, NE, NM, NV, NH, NJ, NY, NC, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI
- Structural Engineer: IL

Education + Training

- Ph.D., Civil Engineering, University of Illinois, Urbana-Champaign, Illinois, 1969
- M.S., Civil Engineering, University of Illinois, Urbana-Champaign, Illinois, 1966
- B.Tech., Civil Engineering, Indian Institute of Technology, Kharagpur, 1965

Project Experience**Chicago Department of Aviation, FAA South Air Traffic Control Tower at O'Hare International Airport, Chicago, IL**

EXP is providing full architectural and engineering services from concept design through post-construction phase services for the new South Airport Traffic Control Tower at O'Hare International Airport. The Tower is a key component in the reconfiguration of the airfield from an outdated intersecting runway configuration to a modern parallel configuration that will substantially reduce delays and increase air traffic capacity. The 565 SF cab has a floor elevation of 219 feet, providing controllers full view of the future 10R/28L runway. The FAA control equipment and support facilities will be located in the tower and in the 10,000 SF base building.

Lambert-St. Louis International Airport, Terminal Renovations, St. Louis, MO

EXP provided the design for the \$24M renovation of the existing Main Terminal at the Lambert-St. Louis International Airport. EXP provided architectural, structural, interior design, and overall project management services as a part of a larger campaign to modernize the existing Airport designed by Minoru Yamasaki.

Lambert-St. Louis International Airport, Concourse Architectural Renovations, St. Louis, MO

EXP designed enhancements to and renovation of public areas in the 'A', 'B', and 'C' Concourses. Designs are based on carrying over the concepts from the Main Terminal renovation to the Concourses, including ceiling design and finishes, signage and wayfinding concepts, wall finishes, and advertising.

Chicago Department of Aviation, O'Hare International Airport Terminal 2 Interior Renovation, Chicago, IL

EXP provided architectural, engineering, and project management services for the renovation of Terminal 2 which is part of the overall plan for the expansion/renovation of O'Hare's Terminal 1, 2, and 3. This project included the interior renovation of the central core area, which incorporates primarily airline and CDA offices and some concessions, and façade and circulation enhancements.

American Airlines, O'Hare International Airport G Concourse Renovation, Chicago, IL

Structural design for complete renovation of the G Concourse. The program for this project included a total gut rehab of the existing 1963 concourse for a total construction cost of \$48M.

**Professional Registrations + Certifications**

- Professional Engineer Texas 101074

Education + Training

- Master of Science, Structural Engineering, The University of Texas at Austin, 2004
- Bachelor of Science, Civil Engineering, North Dakota State University, 2002

WALTER P MOORE

JOSEPH GANNON, PE

Blast Analysis

Over his 16-year career, Joe has become a specialist in the physical security of structures, security engineering, blast resistant design, and force protection. He has extensive experience on high profile public sports projects, including threat determination and design of vehicle barriers. He has conducted numerous threat and vulnerability assessments and design studies for both private and government facilities. Mr. Gannon excels at helping the owner and design teams understand their security needs and options to facilitate selection of the best physical security strategy for each individual project.

Project Experience

- San Francisco International Airport Air Traffic Control Tower and Integrated Base Facility Blast Resistant Design, San Francisco, CA
- Orlando International Airport South Terminal Blast Design, Orlando, FL
- McCarran International Airport Terminal 3 Threat & Vulnerability Mitigation, Las Vegas, NV
- Kansas City International Airport New Terminal and Garage Peer Review, Kansas City, MO
- Confidential International Airport Terminal Design, Northeast U.S.
- Sheppard Air Force Base Euro-NATO Joint Jet Pilot Training Building, Wichita Falls, TX
- Ellington Field Armed Forces Reserve Center, Houston, TX
- Andrews Air Force Base Bldg 1058 Glazing Blast Review, Joint Base Andrews, MD
- Federal Reserve Bank of Kansas City Office Building and Garage, Kansas City, MO
- Twentynine Palms Bachelor Enlisted Quarters and Parking Deck, Twentynine Palms, CA
- Lee County VA Healthcare Center, Cape Coral, FL
- Amway Center Barrier Assessment, Orlando, FL
- GT "Mickey" Leland Federal Building Renovations, Houston, TX
- EPA Region 7 Headquarters, Lenexa, KS
- Richard Bolling Federal Building Renovation, Kansas City, MO
- Kansas Army National Guard Readiness Center, Fort Leavenworth, KS
- BOK Park Plaza Tower Blast Design Services, Oklahoma City, OK
- Charlotte VA Health Care Center, Charlotte, NC

ATKINS

**DARIN R. LARSON, PE, LEED AP**

Core Civil Engineer

Darin Larson is an experienced airfield engineer and manager of airport development programs. He has 26 years of experience in the planning, design, and construction of large airport development projects. He has served as project manager for a wide variety of airfield paving, lighting, and navigational aid projects, as well as airport terminal and support facility projects. In addition, Mr. Larson has more than 30 years of experience as a licensed private pilot and holds an instrument rating that gives him added perspective in dealing with airfield operational issues.

Professional Registrations

- Professional Engineer: California, Florida, Iowa, Minnesota

Education + Training

- B.S., Civil Engineering, Iowa State University

Project Experience**Expansion of Runway 9R-27L, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, Florida**

Atkins is the lead designer. The \$800 million expansion of FLL's Runway 9R-27L involves the construction of a new 150-foot by 8,000-foot runway to replace the existing 5,300-foot runway. The project also involves a number of taxiway improvements including a full parallel taxiway system, a crossfield and connector taxiway system, and demolition of two existing runways. In addition to a full complement of associated airfield lighting and NAVAID systems, the project includes installation of an EMAS on each runway end. The new runway and parallel taxiway will extend over the existing perimeter road, Florida East Coast (FEC) Railway, and US 1, a multilane federal highway. As a result, the east end of the runway and parallel taxiway will be constructed on an elevated bridge and tunnel structure, which is being delivered as a separate design-build construction contract.

Terminal Renovation and Expansion, Southwest Florida International Airport (RSW), Fort Myers, FL

Project Director for the \$245 million expansion and renovation of the Southwest Florida International Airport (RSW) terminal. The project will shorten passenger wait times, increase traveler spending on concessions, add more restrooms and amenities, and give the airport an even stronger southwest Florida vibe to enhance the flier's experience. Project elements include consolidation and expansion of security checkpoint, improvements to ticketing and check-in area, addition of four passenger gates/boarding bridges, improvements to baggage handling system, development of airline lounge, renovation to FIS, and expansion of concessions program.

General Architectural and Engineering Services, Lee County Port Authority, Southwest Florida International Airport and Page Field, Fort Myers, FL

Mr. Larson is serving as the project manager responsible for providing general architectural and engineering services under a continuing contract in conjunction with the operation, maintenance and development of the Southwest Florida International Airport (RSW) and Page Field General Aviation Airport (FMY) in Lee County, Florida. In this role, Atkins North America serves as an extension of staff for a variety of small, medium, and large architectural, engineering, and miscellaneous projects/tasks.

New General Aviation Terminal and Associated Improvements, Marco Island Airport (KMKY), Naples, FL

Principal-in-charge for this \$13 million project to construct a new 16,000 square foot terminal with associated improvements. The landside elements include circulation roadways, vehicle parking, landscaping, site lighting, drainage and utility improvements, and the permitting of various project elements. Airside improvements included demolition of the existing terminal building to alleviate safety concerns for aircraft operating on Runway 17-35 and Taxiway Alpha. In addition to apron ramp space replacing the existing terminal building footprint, the project included the expansion of the existing aircraft apron to the west and south, relocation of Taxiway Bravo and associated airfield lighting, demolition of the existing Taxiway Bravo and apron, airfield drainage improvements, and the permitting of various project elements.

**GODFREY A. O. LAMPTEY, PE., PTOE**

Core Civil Engineer

Mr. Lamptey has been actively involved in research and the practice of transportation planning and engineering for over 19 years. He has been Project Manager, Engineer of Record and Quality Control/Assurance Engineer on various successfully completed highway design and PD&E projects. He is experienced in developing minor, major and complex roadway projects utilizing both conventional design-bid-build and design-build methods of project delivery. This experience includes development of widening, resurfacing and reconstruction plans, planning studies and reports, signalization, lighting and signing and marking plans and public involvement. He is proficient in the use of several transportation engineering software such as Microstation, GEOPAK, HCS 2010, SYNCHRO, SIMTRAFFIC, VISSIM, AGI32, and Visual 2016.

Professional Registrations

- Professional Engineer: Florida
- Professional Traffic Operations Engineer (PTOE), # 2713
Transportation Professional Certification Board

Education + Training

- Master of Science in Civil Engineering, Purdue University, West Lafayette, Indiana, 2004
- Bachelor of Science in Civil Engineering, University of Science & Technology, Kumasi, Ghana, 2001

Project Experience**Misc. Improvements Along SR-25/Us-27 From Mp. 12.626 To Mp 25.854**

Project Manager /QC Manager for widening and resurfacing along SR 25/US-27/Okeechobee Road in Palm Beach County.

Dykes Road; 196th Ave & Nw 10th St. Rrr And Mobility Improvements

Principal-in-Charge/QC Manager for the improvements along three roads; Dykes Road from SW 48th Court to Sheridan Street, NW 196th Avenue from Pines Blvd to Sheridan Street and the intersection the intersection of NW 10th Street and NW 129th Avenue in Broward County.

I-95 Express Lanes Design Build Phase 3a-1

Principal-in-Charge/QC Manager for the widening, milling and resurfacing of I-95 to include the addition of approximately 7 miles of Two Tolled Express Lanes in each direction along I-95 from south of Broward Blvd. (MP. 9.011) to north of Commercial Blvd. (MP. 15.537) in Broward County.

Districtwide Minor Design Services

Project Manager for this Prime Contract (#C9T91). This contract is Task Work Order (TWO) driven and it involves preparation of construction plans for various minor designs such as roadway designs, MPO driven off-system projects, 3R milling and resurfacing, utility coordination, SUE, signing and pavement markings, signalization, lighting and miscellaneous structures throughout Broward, Palm Beach, Martin, St. Lucie and Indian River Counties.

Turnpike (SR 91) Rrr From Mm 153.230 to Mm 169.320.

Principal-in-Charge/QC Manager for this project that consists of resurfacing and safety improvements for the Florida's Turnpike Mainline (SR 91) from MM 153.230 to MM 169.320 in St. Lucie County (94470-000) for a total length of 16.090 miles.

SR 869/Sawgrass Expway Widening From North. Of Atlantic Blvd. to SR 7/Us-441

Senior Project Engineer/EOR for this project that involves the widening of 9 miles of SR 869/Sawgrass Expressway from North of Atlantic Blvd. to SR 7/US-441 from 6 lanes to 6 general purpose lanes + 4 express lanes.

SR 9/Nw 27th Ave At Nw 17th St. Resurfacing & Safety Improvements

Project Manager for this resurfacing and safety improvements at the intersection of SR 9/NW 27th Avenue and NW 17th Street in Miami, FL. This intersection was identified and listed in the FDOT high crash location the Signing and Pavement Markings Plans.



GOAL

YOLANDA DUARTE

Core Utility Coordinator

Mr. Lamprey has been actively involved in research and the practice of transportation planning and engineering for over 19 years. He has been Project Manager, Engineer of Record and Quality Control/Assurance Engineer on various successfully completed highway design and PD&E projects. He is experienced in developing minor, major and complex roadway projects utilizing both conventional design-bid-build and design-build methods of project delivery. This experience includes development of widening, resurfacing and reconstruction plans, planning studies and reports, signalization, lighting and signing and marking plans and public involvement. He is proficient in the use of several transportation engineering software such as Microstation, GEOPAK, HCS 2010, SYNCHRO, SIMTRAFFIC, VISSIM, AGI32, and Visual 2016.

Professional Registrations

- Professional Engineer: Florida
- Professional Traffic Operations Engineer (PTOE), # 2713
Transportation Professional Certification Board

Education + Training

- Associates Degree in Business Management
- Miami Dade College, December 2015

Project Experience**Hamlin Blvd From 190th Street To 180th Street North**

Utility Coordinator for this off-system mobility improvement project along Hamlin Blvd. from east of 190th Street to 180th Avenue N. in Loxahatchee, Palm Beach County. Responsibilities include utilities coordination with various UAOs to provide the utility green lines, development of the UTEXRD01 file based on the UAO responses, development of utility conflict matrix, coordination with stakeholders, residents and businesses and obtaining final utility certification.

SR 845/Powerline Road From McNab Road (Mp. 5.113) To West Drive (Mp. 11.965)

Utility Coordinator for this lighting retrofit project within the City of Deerfield Beach and the City of Pompano Beach in Broward County. Responsibilities include utilities coordination with various UAOs to provide the utility green lines, development of the utility file based on the UAO responses, development of utility conflict matrix and obtaining final utility certification.

SR 9/I-95 At Lantana Road Interchange Project

Utility Coordinator for the PD&E study within Palm Beach County. Responsibilities include utilities coordination with various UAOs to provide the utility green lines, development of the UTEXRD01 file based on the UAO responses and coordination with stakeholders, residents and businesses.

Miscellaneous Improvements At Various Locations Along SR-25/US-27 From Mp. 12.626 to MP 25.854

Utility Coordinator for these safety improvements projects along SR 25/US-27/Okeechobee Road located within the City of South Bay and Palm Beach County. The safety improvements consist of five individual projects aimed at to mitigating crashes and enhancing safety along the 13-mile stretch on US-27/Okeechobee Road. Responsibilities include utilities coordination with various UAOs to provide the utility green lines, development of the utility file, and conflict matrix.

I-75 Frontage Roads Project From East Of Hialeah Grdns To W. 23rd Ave.

Utility Coordinator for this roadway improvement project along SR 93/I-75 Frontage Roads/NW 138th Street from east of Hialeah Gardens Blvd to east of W 23rd Avenue. Responsibilities included utilities coordination with various UAOs to provide the utility green lines, development of the utility file based on the UAO responses, development of utility conflict matrix and obtaining final utility certification.



CRJ

MARC FERMANIAN, PE

Core Civil Engineer

Mr. Fermanian has served as project manager for many transportation and land development projects. He is responsible for both large and small-scale designs and permitting for these projects. Mr. Fermanian is familiar with FAA and FDOT standard specifications for construction and has utilized these skills for his +20-year career as a licensed professional engineer. Marc has provided design and construction management efforts for: airports, ports / harbors, roadway projects, university campuses, and many miscellaneous civil site projects. Mr. Fermanian also has many years' experience serving as an Inspector and RPR, responsible for construction administration and overall project schedule control on multiple projects. In this position Mr. Fermanian has coordinated and reviewed requests for further information and material invoices from the contractor, reviewed, prepared and processed job estimates that included material and labor costs, recorded the progress of construction activities, verify Davis-Bacon employee wage rates, and participated in on-site inspections.

Professional Registrations

- Professional Engineer: Florida

Education + Training

- Bachelor of Science in Civil Engineering, University of Massachusetts-Lowell
- Master of Science in Civil Engineering, University of South Florida

Project Experience**Miami International Airport Taxiway R, S, and T**

Marc Fermanian served as the Lead Professional Engineer for the CIS team on his third and CRJ's fourth large-scale MIA endeavor. Currently the largest pavement rehabilitation program at MIA with a budget of \$67M and a schedule of 3 years. Mr. Fermanian was selected for this role due to his understanding of aviation and transportation design, permitting abilities and construction knowledge. The project has a scheduled completion date in the first quarter of 2021 with 1,068 calendar day duration.

Ft. Lauderdale Executive Airport Airfield Lighting Rehabilitation

Mr. Fermanian was the lead Engineer for the RPR Team for Construction Management at FXE; the Project was bid at \$1.417M for an airfield lighting project update for FXE. The primary objective was modification from Quartz Fixtures to LED for: Taxiways, Runway 13-31 and Runway 9-27. The 270-calendar day project included: 50ft Beacon Tower, PAPI's, REIL's, Wind Cones and modifications to circuit connections to the Airport's Vault. Airport Vault modifications conducted by ADB's installation of a new Airport Lighting Control & Monitoring System (ALCMS).

Runway 9R-27L Ft. Lauderdale-Hollywood International Airport (FLL) – Pavement Rehabilitation

Mr. Fermanian was the Project's Engineer-of-Record for this "quick repair" to the existing asphalt. The Project's goal was to add a seal coat that would extend the longevity of the existing Runway's cross-section while major design modifications were considered for this Runway. The Project parameters were: 5,300LF of Runway area with defined seal coat areas and runway striping modifications to be completed within 3-weeks of the early part of the Summer of; in addition, consideration of timely NOTAMs (i.e., Notice to Airmen) were issued for Runway 13-31 close-out while work crossed the Runways' intersection. This project was completed on-time and to the satisfaction of BCAD, which allowed the Runway to re-open on time for typical Aircraft Use at FLL.



MILLER LEGG

DYLAN LARSON, SPWS, CEP, GTA

Core Environmental Permitting

As a Principal of the Firm, Mr. Larson leads a variety of the firm's projects that involve environmental issues. He has significant experience in environmental consulting in Florida and is responsible for overseeing and performing studies and investigations on biological and ecological services. He also oversees operations and overall project management for the firm. Specific responsibilities include: wetland jurisdictional determination, dredge and fill permitting, environmental permitting and mitigation; wetland mitigation design, mitigation monitoring, protected species surveys and permitting, habitat restoration design; seagrass studies; wetland and wildlife studies; management plans, threatened and endangered (T&E) species surveys; geographic information systems (GIS)/habitat mapping and analysis; land use/watershed planning and management; impact analysis; recommendations for maintenance procedures, coordination and oversight of environmental GIS applications, construction observation and monitoring compliance; national pollutant discharge elimination systems (NPDES) coordination and assistance with plan preparations.

Professional Registrations

- Senior Professional Wetland Scientist
- Authorized Gopher Tortoise Agent, FL
- Certified Environmental Professional

Education + Training

- Master of Business Administration Nova Southeastern University, 1998
- Bachelor of Science , Biology and Business Administration, University of Wisconsin - Stevens Point, 1994

PNC2120437P1 | Professional Consultant Services for FLL and HWO Airports, Building Projects

BCAD FLL Airport South Runway Extension Project

Miller Legg was the lead professional for environmental permitting and for determining sustainability strategies viable for implementation on the new South Runway project. The role of the firm also included tracking of all other site permits including stormwater, utility, FEC and roadway permits, as well as certified arborist/tree evaluation of more than 1,100 trees. The new 8,000 LF Runway is elevated and crosses over the Airport's Perimeter Road, the FEC railroad and US1. Extensive permitting agency coordination was required due to mangrove and other wetland impacts. Utilizing LEED criteria, sustainability opportunities existed in the selection of more energy efficient utilities inside the structures over the roadways and in preservation of existing resources. Project evaluation was also completed to determine opportunities to reduce the heat island effect, reduce irrigation water use from potable water, and incorporate other elements of the Master Plan into the Runway project approach where environmental or other sustainability benefits could be realized. Miller Legg was a subconsultant to Atkins NA.

BCAD FLL Airport South Runway Hilton Hotel Demolition Tree Survey & Relocation Hilton Demolition

Miller Legg and its Certified Arborists conducted a comprehensive tree survey/inventory on all 700 trees located at the prior Hilton hotel property in Dania Beach. Using this data Miller Legg acquired the necessary City and County permits to remove trees that were within a 30-foot buffer of the Hilton Hotel, which was scheduled for demolition as it was a man-made obstruction based on FAA guidelines and the opening of the new Fort Lauderdale-Hollywood Airport runway 10L. The firm coordinated with the client, demolition experts and contractor on construction methodologies for tree preservation, protection and adherence to permit conditions and county and local tree preservation codes.

Additional Project Experience:

- BCAD FLL Airport South Runway Extension-Burrowing Owl Assessments, Permitting and Relocation
- Fort Lauderdale Executive Airport (FXE) Mitigation Services Parcel 21B
- Fort Lauderdale Executive Airport (FXE) Outparcels B, C, D Cypress Creek Commerce Center Site Work
- Fort Lauderdale Executive Airport (FXE) Wildlife Hazard Management Plan



MILLER LEGG

BRIAN SHORE, RLA

Core Landscape Architecture

As a Senior Landscape Architect, Mr.Shore has significant experience in landscape architectural design and landscape construction services for a variety of public and private projects. Specialties include landscape, hard scape,and irrigation design services for streetscape and roadway projects including the Florida Department of Transportation (FDOT), all aspects of active and passive park design, healthcare campuses, and environmental wetland habitat creation. Other experience includes various residential and commercial projects. Mr. Shore is a Senior Associate of the firm.

Professional Registrations

- Registered Landscape Architect, FL, 2005
- FDOT Intermediate Maintenance of Traffic, FL, 2013

Education + Training

- Bachelor of Science , Landscape Architecture, North Carolina A&T State University, 2000

BCAD FLL Airport South Runway Extension Project

Miller Legg was the lead professional for environmental permitting and for determining sustainability strategies viable for implementation on the new South Runway project. The role of the firm also included tracking of all other site permits including stormwater, utility, FEC and roadway permits, as well as certified arborist/tree evaluation of more than 1,100 trees. The new 8,000 LF Runway is elevated and crosses over the Airport's Perimeter Road, the FEC railroad and US1. Extensive permitting agency coordination was required due to mangrove and other wetland impacts. Utilizing LEED criteria, sustainability opportunities existed in the selection of more energy efficient utilities inside the structures over the roadways and in preservation of existing resources. Project evaluation was also completed to determine opportunities to reduce the heat island effect, reduce irrigation water use from potable water, and incorporate other elements of the Master Plan into the Runway project approach where environmental or other sustainability benefits could be realized. Miller Legg was a subconsultant to Atkins NA.

City of Fort Lauderdale Executive Airport (FXE) Outparcels B, C, D Cypress Creek Commerce Center Site Work

Miller Legg is providing planning, civil and traffic engineering and and scape architecture for the development of Cypress Creek Commerce Center. The project consists of a five building multi-tenant industrial development totaling 352,040 SF at the Fort Lauderdale Executive Airport (FXE)parcels B, C and D. Scope includes conceptual site plan, public notification process, lighting plan, vacation preparation and processing through the city and county, water, sewer and drainage design, master storm water design, landscape and hard scape plans,irrigation design, and construction documents.

Additional Project Experience:

- United States Department of Veterans Affairs South Florida National Cemetery Phase 2 Design-Build
- Miami-Dade Expressway Authority (MDX) D/B Dolphin Station Park & Ride Transit Terminal Facility

GRESHAM SMITH

**GIOVANNI “GIO” CORTES, AIA, LEED AP**
Construction Management

With over 30 years under his belt, Gio is a self-driven designer and construction administrator dedicated to innovation and learning. He has accumulated substantial design and field experience in the architecture and construction environments, especially for the aviation industry. His past experience includes Fort Lauderdale International Airport, El Dorado International Airport and Simon Bolivar International Airport.

Professional Registrations

- Registered Architect: FL

Education + Training

- B.A., Architecture, Javeriana University – Bogota, Colombia

Project Experience**Fort Lauderdale Hollywood International Airport (FLL), Terminal 4 Expansion, Fort Lauderdale, FL**

Worked as part of a design team to conceptualize and develop the architecture of a 14 gate terminal. Currently under construction administration (WEST phase). Duties include: shop drawing review, RFI and submittal approvals. Owner-architect-client meetings, coordination with contractor, consultants, program management offices and Construction manager. Con currently coordinating and fine crafting of the specifications and drawings for the second project phase bidding process (EAST phase). Compiled all documentation as a LEED administrator for the project having submitted all design credits. Construction submittal will follow. Constant on-site supervision as field representative working along the construction manager.

Delta, Inflight Base at FLL, Fort Lauderdale, FL

Gresham Smith provided architectural and engineering design and construction administration services for this new 2,500 square foot In-Flight Base (IFB), which comprises of offices and a lounge for Delta crew operations.

Fort Lauderdale Hollywood International Airport (FLL), Terminal 2 Modernization Construction Services, Fort Lauderdale, FL

The Terminal 2 project at Fort Lauderdale-Hollywood International Airport (FLL) is a bit like the design version of open heart surgery. We kept the terminal up and running while making some major changes. The project is a part of the Gresham Smith-led Terminal Modernization Program, for which we are providing planning and design services for facility-wide, multi-phased airside, landside and curbside renovation of Terminals 1, 2 and 3. The program supports double-digit international passenger growth at FLL and establishes a uniform vision for the entire airport campus. Terminal 2's extensive renovations streamline passenger processing, improve the passenger experience and finalize the airside connection of the entire airport. The updates required creative structural engineering solutions to accommodate vertical expansion ultimately creating an open, high-impact space.

**MICHAEL GREENHAUS**
Construction Management**Project Experience****Airport Expansion Program, Fort Lauderdale-Hollywood Int'l Airport, Ft Lauderdale, FL**

As part of the Program Management Office (PMO) for \$1.3 Billion expansion at Fort Lauderdale-Hollywood International Airport including new 8,000 ft. Runway and parallel taxiway and 24 gate 360,000 sf Terminal Replacement. Managed \$220 Million Design Build Contract of the structures/tunnels that carry Runway and parallel Taxiway over U.S. 1, FEC Railway and the Airport's East Perimeter Road. Design and Construction activities included piling, concrete structures, MEP and Life Safety Systems, roadways, ramps and ITS, embankment, drainage, water and sanitary force mains.

North Terminal Development Program, Miami International Airport, Miami, FL

Managed seven contracts within \$2.0 Billion North Terminal Development Program at Miami International Airport, including aprons, taxiways, underground utilities, airport mechanical and electrical systems., terminal construction and renovations. Including the construction of \$35 Million AHCA certified Medical Arts Building and Parking Garage, and four renovation projects in existing hospital facility. Projects were in schedule and budget overrun with a dissatisfied client. Turned projects around and rehabilitated relationship with Owner.

Norwegian Cruise Terminal B, Port of Miami, Miami-Dade, Florida

The \$1 billion CIP is to renovate and build several new Cruise Terminals including Cruise Terminal B - \$200 Million 166,500 SF Terminal for Norwegian Cruise Lines; Cruise Terminal F for Carnival; Cruise Terminal H Bulkhead wall - \$45 Million bulkhead modification including new seawall, dredging, extension of berth; and Cruise Terminal V for Virgin Voyages. Responsibilities include review of CMAR's change proposals, merit/entitlement, coordination with stakeholders, negotiations and issuance of change orders. Review of potential impacts and risks and provide recommendations on cost savings opportunities and mitigation of schedule impacts.

Consent Decree (CD) Program at the Miami-Dade Water & Sewer Department, Miami, FL

The \$2 billion CD Program is an expansion of the Water & Sewer Department Collection, Transmission and Treatment systems as required by the Consent Decree with the EPA. PCI services include Estimating, VE, Scheduling, Phasing, Sequencing, Cost Engineering, Change Management, Construction Management, PMO. Responsibilities include duties as Senior Construction Manager on infrastructure construction projects; managing multiple contracts, reviewing and processing contractor request for information, shop drawings and submittals; managing contractors' change proposals, negotiating change orders, review contractors' schedule and verify work progress and other project records, interpretation of contract drawings and specifications; assist with the general administration of the project; including maintaining meeting minutes, document controls, issuance of non-conformance reports and processing of change orders.

LEA + ELLIOTT

**EDUARDO CUADRA**
Construction Management

Mr. Eduardo Cuadra is a transportation infrastructure engineer with eight years of experience in design and construction administration in structural engineering. Eduardo supports all aspects of airport and urban transportation projects. He provided construction administration for the APM expansion at Hartsfield-Jackson Atlanta International Airport. He supported the MIA Mover and eTrain projects where he provided oversight for fixed facilities and was involved in testing and commissioning of the system during the system's installation phase. He also supported the Miami International Airport eTrain Repair and Rehabilitation project.

Education + Training

- B.S. Civil Engineering, Florida International University

Project Experience**Tampa International Airport (TPA) SkyConnect APM | Hillsborough County Aviation Authority**

As a project engineer, Eduardo participated in the APM alignment design for the Master Plan and refined the APM alignment for the TPA SkyConnect APM project. He also provided APM procurement support and assisted in evaluating the bidders' responses. He participated in weekly meetings on the APM infrastructure design.

MIA Mover | Miami Dade Aviation Department

As a project engineer, Eduardo provided construction oversight by performing weekly site observation visits, was involved in testing and commissioning of MIA Mover trains and participated in system demonstration oversight of the system.

Miami International Airport eTrain APM Evaluation | Miami Dade Aviation Department

The eTrain APM System at Miami International Airport was removed from service in April 2007 due to concerns raised by the System manufacturer related to the integrity of the vehicle car body structure based on its age and the condition of the concrete guideway running surface. Lea+Elliott was asked to provide support to MDAD on an emergency basis to evaluate the condition of the train and guideway and develop a plan of action to make any necessary repairs and get the APM system back into service as soon as possible. Lea+Elliott quickly mobilized a team of professionals and were able to get the APM system service partially restored within 30 days of the initial system shutdown. Eduardo supported oversight of construction group (Miami-Dade Transit) which performed repairs on the Guideway steel frame.

Hartsfield-Jackson Atlanta International Plane Train Expansion | City of Atlanta Aviation Department

Lea+Elliott was the APM consultant on the existing Plane Train expansion that included an expansion of the existing APM system to a new international terminal, the procurement of 10 new vehicles, extending the existing mainline APM and the existing test track and an auxiliary Maintenance and Storage Facility. As Project Engineer, Eduardo provided construction administration for this project and construction oversight.

Orlando International Airport APMs and Rail Access | Greater Orlando Aviation Authority

Lea+Elliott was responsible for the oversight of the Operating System supplier's work which included the design, manufacture, installation, integration, testing and commissioning and safety certification for the replacement APM Operating System for the existing "must ride" Airside 1 & 3 APM Systems and a new APM System that provides connectivity from the existing North Terminal to the new South Airport APM Complex. Eduardo participated in field inspections, testing and commissioning of new System. He also provided APM procurement support and assisted in evaluating the bidders' responses; he assisted with APM design review and document review.

**MICHAEL R BELDOWICZ, PE**
Construction Management**Project Experience****Palm Beach International Airport Pa System Replacement CEI Services**

Providing daily construction engineering inspection services for the Public Address Replacement project at Palm Beach International Airport. Includes daily inspections, daily reports, pay application review, RFI coordination, change order review, tracking of quantities and completeness of project, coordination of construction activities with the Contractor and Airport Operations.

Fort Lauderdale / Hollywood International Airport – Terminal 2, Terminal 3 And Terminal 4 Generator Connection

Provided construction administration services for the installation of a dedicated emergency signalization cable to the existing automatic transfer switches and installation of control cabinets at 9 locations in Terminal T2, T3, T4 and Palm Parking Garage. Extensive daily coordination required as this cable is routed through public areas and several ongoing construction projects in each terminal with minimal splice points.

Ft. Lauderdale Hollywood International Airport Rehabilitation Of The North Airfield And Emas

Provided daily on-site observation for the rehabilitation of the north runway and parallel taxiways. Includes on site observation of electrical installations, assistance with RFI responses, quantity tracking, pay application review, daily reports and coordination between disciplines and trades.

Ft. Lauderdale Hollywood International Airport (Wp-304/305) Runway, Crossfield Taxiways & Holdpad Paving, Lighting And Signage

Provided daily on-site observation for the electrical construction of the elevated Runway 9R-27L and parallel taxiways lighting and signage systems. Includes on site observation of electrical installations, assistance with RFI responses, quantity tracking, pay application review, daily reports and coordination between disciplines and trades.

Michael Beldowicz, P.E. brings over 20 years of civil and electrical design, project management and construction administration experience on major air carrier and GA airport construction projects. This comprehensive knowledge applies to project coordination, constructability/plan reviews, value engineering and overall on-site project observation.

Michael's knowledge of civil and electrical design, project management and construction has delivered potential cost reductions from original estimates that has increased overall customer satisfaction. He is detail-oriented and works collaboratively with the design and construction teams to deliver complex programs on-time and achieving project expectations. He excels at project management, utility coordination, shop drawing submittal review, testing, startups and construction observation of medium and low voltage distribution systems.

Professional Registrations + Certifications

- Professional Engineer: Florida

Education + Training

- B.S. in Civil Engineering Embry Riddle Aeronautical University

QUANTUM



H2R

YVES-STANLEY “STAN” DELMAS, PE

Support Geotechnical Engineer

Stan is responsible for the geotechnical design of civil projects, and the coordination of construction-phase services and inspections for a variety of projects. Stan's design and knowledge of both geotechnical and conventional testing field services result in a skill set that combines his knowledge of design intent and the importance of collecting quality field data. He is experienced in geotechnical construction projects where mix designs, and in-situ testing is critical to the project's success. In addition, he has significant laboratory experience. He has logged drilled rigs in several states and is very familiar with Florida geology. Stan is highly experienced in both deep foundation quality assurance as well as design, including ACIP pilings, driven pilings, and drilled shafts (including non-redundant).

Professional Registrations + Certifications

- Professional Engineer: Florida, Illinois, Pennsylvania

Education + Training

- B.S. in Civil Engineering Florida Atlantic University

Project Experience**Fort Lauderdale-Hollywood International Airport Runway Expansion, Broward County, Fl, Broward County Aviation Department**

Geotechnical Engineer responsible for the collection and analysis of dynamic pile test data using a pile driving analyzer for nearly 3,000 piles including several hundred tests piles, set checks, and re-drives in complex soil conditions. The project included runway expansion starting with the expansion of the southern runway, 9R-27L runway to accommodate larger commercial aircraft. This involved a significant earthwork, walls, drainage, roadway realignment, vehicle bridge, runway bridge, and a taxiway bridge.

Tampa International Curbside Airport Expansion, Hillsborough County, Fl, Hillsborough County Aviation Authority

Geotechnical Engineer of Record (GFEOR) for the Tampa International Airport Curbside Expansion Program which includes the replacement and expansion of the curbsides, new approach and exit bridges, new elevated and at-grade lanes, a new Central Utility Plant (CUP), and new vertical circulation buildings (VCB). As the GFEOR for this design-build project, Mr. Delmas was responsible and overseeing all aspect of the geotechnical exploration programs and geotechnical analyses for different foundation systems throughout the project. The foundation design included designing non-redundant drilled shafts and micro piles for the CUP and the VCB buildings. Mr. Delmas also assisted in the bi-directional load testing for the design of the shafts.

Miami International Airport - Central Base Apron Modifications, Miami-Dade County, Fl, Miami-Dade Aviation Department

Geotechnical Engineer responsible for the quality assurance of the materials used during the construction of the project. The project involves the development of new pavements, installation of box culverts, gravity walls or grading, stormwater improvements, and lighting. The project will upgrade 34.1 acres of asphalt and concrete pavement originally built in the 1960s that is now used for aircraft parking and movement near MIA's Concourse D. The quality assurance involved testing of the construction materials such as asphalt, concrete and aggregates.



TSF

RAJ KRISHNASAMY, PE

Support Geotechnical Engineer

Professional Registrations + Certifications

- Professional Engineer: Florida
- Water Well Contractor, Florida, 11346
- Certified OSHA Supervisor
- Certified Environmental Consultant

Education + Training

- MS in Geotechnical Engineering, University of Memphis, 1995
- BS in Civil Engineering, Christian Brothers University, 1987
- Diploma in Electronic Engineering, Malaysian Air Force Institute, 1984

Mr. Raj Krishnasamy, P.E., President and Principal Engineer of TSF, is a Florida State Registered Geotechnical Engineer with over 34 years of experience. His experience consists of successfully completing over 5,000 public and private projects, highlighted by 150+ aviation projects, design-build projects over \$2 billion in construction costs, and prominent projects such as Fort Lauderdale-Hollywood International Airport's South Runway Expansion (featuring the largest MSE wall in Florida). He serves as Project Manager for continuing contracts with over 25 Florida public agencies and is the Lead Geotechnical Engineer on numerous aviation continuing contracts including: Professional Consultant Services for Fort Lauderdale-Hollywood International Airport and North Perry Airport, Building Projects, Palm Beach County Department of Airports General Consultant Services, and the City of Fort Lauderdale's Aviation Consulting Services, General Engineering amongst others. He has a history of repeatedly retaining those contracts through successful, cost-effective and prompt execution of each task order. Mr. Krishnasamy's daily involvement with the in-house and field operations of the construction and geotechnical services depts. provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida.

Project Experience

- North Perry Airport (HWO) Taxiway N Rehabilitation, Broward County, Florida
- HWO Perimeter Security System, Broward County, Florida
- Fort Lauderdale-Hollywood International Airport (FLL) - Terminal 1 Modernization, Broward County, Florida
- FLL Airport – Terminal 2 Modernization, Broward County, Florida
- FLL Airport – Terminal 3 Modernization, Broward County, Florida
- FLL Airport – Terminals 2, 3 & 4 Pedestrian Bridges, Broward County, Florida
- FLL Airport – Terminal 4 Rehabilitation and Expansion, Broward County, Florida
- FLL Airport – South Security Gate, Broward County, Florida
- FLL Airport - T4 FIS Building, Broward County, Florida
- FLL Airport – Roadway and Garage Sign Structures, Broward County, Florida
- FLL Airport – Bombardier Hangar and Parking Lot, Broward County, Florida
- FLL Airport – Concourse B, Broward County, Florida
- FLL Airport – South Security Gate, Broward County, Florida
- FLL Airport – Parcel 21B, Broward County, Florida
- FLL Airport – Expansion of Runway 9R-27L, Broward County, Florida
- FLL Airport – Airfield Electrical Equip Shelter, Broward County, Florida
- FLL Airport – Fueling Hydrants - Western Expansion, Broward County, Florida



TRACI-ANNE BOYLE, MBA, CIH, CSP

Support Environmental

Education + Training

- M.B.A, University of Baltimore, Maryland
- B.S. Biology, Florida International University, Miami, Florida

Ms. Boyle has over twenty-eight (28) years of diverse environmental consulting and industrial hygiene experience spanning more than thirty states in the US as well as the Caribbean. Her niche is in successfully directing sensitive, complex, multi-disciplinary, and large-scale environmental and industrial hygiene projects. Her experience includes simultaneous senior project management of multi-million dollar environmental projects in three (3) states.

Ms. Boyle has provided environmental consulting to a variety of parties including domestic and foreign government officials, attorneys, insurance companies, lending institutions, architects, engineers, the construction industry, property asset managers, multi-national corporations, and regulatory agencies.

Ms. Boyle is the technical qualifier for AirQuest's industrial hygiene and safety consulting services and she is the Chief Executive Officer responsible for all aspects of the business.

Project Experience

Asbestos and Lead Emergency Response, Surveys & Abatement Oversight

Provided senior project management to an emergency response to an asbestos release aboard a passenger cruise ship that was in dry-dock undergoing interior renovations. The logistics for the project included operating in a foreign country (Curacao, Netherland Antilles), coordinating and/or overseeing 100 asbestos abatement workers and asbestos consultants, foreign government officials, the vessel owner, the captain and crew of the vessel, the dry-dock owner's representatives and consultants from the Netherlands and working under intense time constraints. The asbestos abatement project was successfully completed within eleven (11) working days. Air monitoring and onboard asbestos consulting continued for an additional six (6) weeks while renovations to the ship were completed.

Certified Industrial Hygienist that provided on-site supervision and senior project management to determine the presence of asbestos containing materials (NESHAPs and the CAA compliance) at the Virgin Islands Army National Guard facility in St. Croix, US Virgin Islands. Contract specifications were developed for the abatement. Veteran's Administration Certified Industrial Hygienist. Conducted asbestos and lead based paint surveys of the 7,000 square foot renovation area. Designed specifications for the asbestos abatement. Managed the asbestos abatement oversight on behalf of the VA.

Senior project manager for AirQuest's term contracts with Broward County Public Schools and Miami-Dade County Public Schools. Asbestos consulting services are provided for compliance with the Asbestos Hazard Emergency Response Act (AHERA).



MITAL HALL

Support Environmental

Mital oversees ecoPreserve's consulting programs. She has more than 20 years of sustainable development and resiliency experience that includes work with aviation, universities, governments, and businesses. Her work has impacted over 50 million sq. ft of space through the management of small and multi-millions dollar programs. She participated as a United Nations Orlando Delegate offered a private sector perspective to the sessions. She is accepted into National Renewable Energy Lab Energy Executive Program.

Education + Training

- B.A. Emory University
- M.S. Ecology University of Florida
- Project Management Professional
- LEED Accredited Professional Existing Buildings Operations and Maintenance
- Climate Change Professional

Project Experience

Orange County Convention Center – Sustainability Consulting/Phase V Expansion, Orlando, Florida

Ongoing sustainability consulting to include LEED consulting for Existing buildings and New Construction, Sustainability Action Plan Development, implementation and reporting, electric vehicle planning and adoption, ISO 14001 certification, and APEX; combined sq ft over 7 million; COVID Protocol development for facilities and air quality monitoring, regulation review and policy updates; ROI studies

Orange County Government

Sustainability Action Plan Goals & metrics development, fleet/alternative vehicle fuel assessment, greenhouse gas inventory, policy review, Beyond Ultimate Envision guidelines; stakeholder meetings and focus group; community outreach

City of Orlando – Grand Avenue Community Center and Tennis Center, Orlando, Florida

- Anticipated LEED certification for two City facilities Community Center with recreation and mixed use space and a tennis center to meet the needs of the community
- Roof top solar arrays and EV stations
- LEED consulting/Program Oversight, ROI studies • combined sq ft over 80,000

Greater Orlando Aviation Authority –Sustainability Consulting, Orlando, Florida

- Anticipated LEED certification for airport terminal
- LEEDv4 BD+C consulting for South Terminal Airport & LEED for Existing Buildings Campus Administer, Sustainability Plan development, implementation and updates, policy development

Jacksonville Transit Authority

Sustainable and resilient design construction and waste assessment. Update of the design and construction procedures.

**AMY PASTOR, PE, CxA, LEED® AP**

Commissioning & Sustainability

Professional Registrations

- Professional Engineer – CA, FL, GA, PA
- Leadership in Energy and Environmental Design Accredited Professional (LEED® AP BD+C)
- Commissioning Authority (CxA)
- Florida Green Coalition HiRise Design Professional

Education + Training

- Masters of Architectural Engineering, Pennsylvania State University, University Park, PA
- Bachelor of Architectural Engineering, Pennsylvania State University, University Park, PA

Amy is the Director of Commissioning and Sustainability. A licensed Mechanical Engineer, Amy has a diverse background in design, commissioning, energy studies, energy modeling, measurement and verification (M&V), sustainability and project management. Amy takes a holistic approach to sustainability and LEED-related Commissioning. Amy provides expertise in energy studies and model calibrations, validating real-life energy bills and calibrating the M&V resources of a facility. She believes that, through all of these focuses, we can make a difference by saving wasted energy and providing positive impacts on the environment through energy conservation measures. She has personally worked on over 120 LEED Certified projects.

Project Experience**Energy Audits, Model Calibrations and Other Services**

- Ferrari World and Yaz Waterworld, Abu Dhabi
- Lynx Operations – Facility Preventative Maintenance Scheduling, Orlando, FL
- Maitland Summit Sub-Metering Verification, Maitland, FL
- The Palazzo Resort-Hotel-Casino, Las Vegas, NV – Energy Model Calibration
- SeaWorld Parks and Entertainment – Energy Audits, Multiple Locations in US

Sustainable Design Studies and Master Planning Concepts

- Hard Rock Café – Sustainable Design Standard Development
- Project 89 and Project H, Orlando, FL – Study of Energy Conservation Measures
- Rockies Sports Entertainment District, Denver, Colorado
- Rose Island, Sustainable Studies and Carbon Neutral Island Concept, Nassau, Bahamas
- Royal Island, Deep Sea Water Cooling and Sustainable Studies, Bahamas
- University of Central Florida TriGen Plant Feasibility Study

Commissioning, LEED and Energy Modeling Experience

- 2020 Salzedo, Coral Gables, FL – LEED CSv2009 Certified
- ACPT Office, St. Petersburg, FL – Pursuing LEED NCv2009 Certification
- Altis Pembroke, Pembroke Pines, FL – LEED NCv2009 Certified
- ASI Office Building, St. Petersburg, FL – LEED NCv2009 Certified
- Barranquitas School, Barranquitas, PR – LEED for Schools v2009 Certified
- Beach Club at Alys Beach, Jacksonville, FL – Pursing FGBC Commercial Certification
- Downtown Doral, FL Redevelopment

Dean is experienced in all aspects of construction ranging from design, cost, and project management, contract administration as well as facility condition, energy and sustainability assessments. He has been responsible for the management and assessment of prestigious portfolios of buildings worldwide. He brings invaluable experience in managing teams of assessors, prioritizing work programs, preparing capital budgets and life cycle cost plans together with assisting clients in their capital and sustainability strategies.

Education + Training

- B.S., Building Surveying, Leeds Metropolitan University, England

Professional Registrations

- Member, Royal Institute of Chartered Surveyors (MRICS), 1997
- Member, Chartered Institute of Building (MCIOB), 1992

DEAN LEONARD, MRICS

Support Facility Assessment

Project Experience**San Diego County Regional Airport Authority, Facility Condition Assessment; San Diego, CA**

Atkins conducted a baseline facility condition assessment of more than 1.8 million square feet for SDCRAA to plan for the long-term financial health in operating these facilities.

City of Phoenix, Deer Valley Airport, Facility Condition Assessment; Phoenix, AZ

Dean performed a facility condition assessment, an asset inventory and a 10- year life cycle costs assessment of the airport terminal, parking lots, hangar buildings and facilities maintenance buildings. The assessment consisted of the site systems, exterior and interior building systems, mechanical, electrical, and plumbing (MEP) systems, and health and fire / life safety systems.

City of Phoenix, Facilities and Services Division at Sky Harbor International Airport; Phoenix, AZ

Dean conducted a facility condition assessment and a 10- year life cycle cost assessment of the facilities and service division buildings. The assessment consisted of the site systems, exterior and interior building systems, MEP systems, health/fire/ life safety systems and ADA compliance.

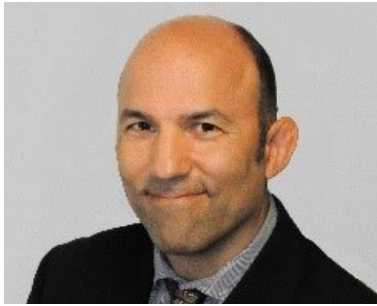
City of Phoenix, Rental Car Center at Sky Harbor International Airport, Facility Condition Assessment; Phoenix, AZ

Dean performed a facility condition assessment and a 20-year life cycle cost assessment of the airport's three million square foot rental car facility and parking garage. The assessment consisted of the site systems, exterior and interior building systems, MEP systems, health/fire/life safety systems and American with Disabilities Act (ADA) compliance.

John Wayne Airport, Facility Condition Assessment, Santa Ana, CA

Dean was project manager for multiple phases of a FCA and a 10-year life cycle costs assessment of the airport facilities. The assessment consisted of the site systems, exterior and interior building systems, MEP systems, health/fire/life safety systems and ADA compliance. Atkins followed the FCA with a review of the preventative maintenance program and developing an updated PM plan for the facility maintenance teams.

PROGRAM CONTROLS

**JULIAN G. ORTEGA**, PSP, LEED AP

Estimating / Scheduling

Julian has a wide spectrum of experience in the engineering & construction industry for over 24 years specializing in project controls and project management including an extensive knowledge of CPM scheduling on very large and complex programs. He has led key roles on many multi-billion-dollar programs in airports, ports, water & wastewater, power plants, manufacturing facilities and commercial and residential construction. He also has experience in several project delivery methods ranging from Program Management to Design-Build, including CM at Risk and for fee. Some of his specific skill sets includes overall project planning, construction phasing, program and construction scheduling, contracts management, change management, claims/dispute resolution, risk management, and quality assurance/quality control. He has developed construction procedures, processes, systems and has also been involved with a number of claims analysis, value engineering and constructability studies.

Professional Registrations

- PSP - Planning & Scheduling Professional
- CCC - Certified Cost Consultant
- EVP – Certified Earned Value Professional
- LEED® AP - U.S. Green Building Council
- SAFETY - OSHA 30 Hour Certified

Education + Training

- MBA, Florida International University
- BS, Construction Management, Western Michigan University

Project Experience**Capital Improvement Program, Dallas-Ft Worth International Airport, Texas**

Responsible for developing conceptual schedules and presentations for multi-billion new Terminal concepts and provide technical expertise and guidance to the Controls Group at DFW's Design, Code and Construction to manage the \$3 billion program includes a new International Terminal and over 140 projects to upgrade and improve the existing terminals, runways, utilities, and airport systems. PCI services include Estimating, VE, Scheduling, Phasing, Sequencing, Cost Engineering, Change Management, and the PMO.

Terminal E – Automated People Mover, Miami International Airport, Florida

Responsible to oversee the \$58 Million Terminal E Automated People Mover replacement contract schedule using Primavera P6. Responsibilities included review and management of contractor's baseline, progress updates and Time Impact Analyses. Also, participated in owner's weekly meetings, highlighted risks, issues and concerns, and provided support for claims related with time extensions and delay impacts and prepared monthly analysis and summary report for management review.

Airport Expansion Program, Fort Lauderdale-Hollywood International Airport

Manage the design, procurement and construction of the Site Preparation and NAVAIDS Infrastructure Project which prepares the new runway, taxiway and adjacent areas for final paving. Managed all elements of cost, schedule and quality at the program level. Developed the Program's Construction Logistics Plan and coordinated overall haul routes, staging areas, emergency processes and construction phasing. Helped develop the Prolog Contract Management system (processes and reports) and authored numerous construction phase procedures to be utilized program-wide.

North Terminal Development (NTD) Program, Miami International Airport, Florida

The 1.3-mile long and \$3 billion North Terminal Development Program included 3.6 million SF of facility provides 50 dual use gates. Services included Estimating, VE, Scheduling, Phasing, Sequencing, Cost Engineering, Change Management, Construction Management, PMO. Senior Program Controls Engineer responsible for development and maintaining of the program cost database. This system tracked individual project budgets, contract values, approved change orders, potential changes, forecasts to completion, estimates (for projects not yet awarded), and invoices for 35 individual design packages and 85 individual construction packages all of which were recorded and monitored through this cost system.

**JULIO E. LOSTAO**, PE, CEP

Estimating / Scheduling

Julio is registered Professional Engineer with over 27 years of experience in construction cost estimating, bidding, value engineering, and construction management in the U.S. and overseas. He has worked on several multi-billion-dollar programs in aviation, water & wastewater, ports, environmental restoration, transportation and infrastructure reconstruction to commercial developments in US, Latin America, Europe, Iraq, Abu Dhabi and South Korea. Julio has led the estimating teams on many large projects and programs to prepare estimates at various project stages i.e. planning, design, bid, and construction including detailed quantity take off and pricing of labor, material and equipment including estimating escalation based on schedules, performing bid analysis, and participating in cost negotiations. As the head of estimating, he has developed Estimating Handbooks/Manuals, created cost models and systems and has conducted training seminars for estimators and project managers.

Professional Registrations

- Professional Engineer, Florida
- CEP - Certified Estimating Professional, AACE International

Education + Training

- M.S., Construction Management, Florida International University
- B.S., Civil Engineering, University of California, Davis

PROGRAM CONTROLS

Project Experience**Concourse Expansion Program, Denver International Airport**

The Phase I of DEN's \$1.5B Gate Expansion Program will build 39 new gates, increasing gate capacity at the airport by 30%. Responsible for reviews and negotiations of contractor change request and claims for all disciplines, including civil, structural, and architectural. In addition, provide conceptual estimates for future projects.

Capital Improvement Program, Dallas-Ft Worth (DFW) International Airport, Texas

Provide support to the Estimating Group at DFW's Design, Code and Construction managing projects for new and old terminal and civil projects worth several billion dollars. Responsibilities included developing conceptual, design and bid estimates in SUCCESS for various airfield and civil projects, analyzing cost options and review of contractor change proposals.

South Terminal Complex I, Orlando International Airport, Florida

Responsible for preparing conceptual estimate and cost validation for the new \$1.8 Billion South Terminal Complex Phase I facility, Orlando International Airport which includes 16-gate 1.6 Million SF Airside and Landside Terminal buildings with baggage handling system, passenger loading bridges, public areas, concessions, ground transportation facility, parking facility, ground support facility, central energy plant and site development.

North Terminal Development (NTD) Program, Miami International Airport, Parsons, Florida

The 1.3-mile long and \$3 billion North Terminal Development Program included 3.6 million SF of facility provides 50 dual use gates, a 72 lane Federal Inspection Facility (FIS) facility, 278 ticketing positions, a new baggage handling system (BHS) with over 10 miles of conveyors, an Automated People Mover (APM) system with four stations to carry 9,000 passengers per hour to support an international hub operation of 400+ flights per day. Services included Estimating, VE, Scheduling, Phasing, Sequencing, Cost Engineering, Change Management, Construction Management, PMO.

TURNER & TOWNSEND



JOHN STRETCH

Support Estimating

Education + Training

- Post Graduate Award Business Leadership

John has a track record for interpreting strategic needs in alignment with the project lifecycle and other functions and operate at Board level. Most recently, he has developed several global benchmarking products which support estimating practices and clients to benchmark costs for varying asset types.

The knowledge and experience gained from defining estimating processes for major programs and portfolios of work around the globe, working on behalf of contractors, clients and, now, Turner & Townsend gives John a special insight into understanding requirements.

Project Experience

Heathrow Airport, Expansion Program, Baseline Integration & Assurance Lead, UK

Heathrow's ambitious expansion program required an agile and flexible cost planning tool to provide a mechanism for evaluation of options and demonstration of value for money to customers and stakeholders. I advised Heathrow on development of cost modelling techniques to create an integrated baseline. I also carried out assurance of the program estimate to support progression through Heathrow's gateway process.

In addition, as part of the Q6 program, I established an estimating bureau producing estimates from business case through to pre-tender. The role involve definition of defining estimating processes, templates and data structures.

King Khaled International Airport Expansion, Riyadh, Commission Director, Saudi Arabia

I oversaw the production of the concept and reference design estimates for the expansion program. Our role as part of the design team required close partnerships with the architects to maintain the 'design to cost' budget.

Chek Lap Kok International Airport, Passenger Terminal, Cargo Facility, MTR Station, Hong Kong, China

I was bid and estimating manager responsible for the production of tenders. Working as part of a consortium made up of John Laing International, Hip Hing and Spie Batignolles, I led a complex team to deliver tenders on these multi-billion-dollar projects. The budgets proved to be a valuable benchmark for the complexity of airport construction.



RICONDO

BRENDAN O. CAHILL

Speciality Planning

Education + Training

- MBA, Florida International University
- BS, Construction Management, Western Michigan University

Mr. Cahill joined Ricondo & Associates, Inc. (Ricondo) in 2015. Since then he has worked on a variety of airport planning tasks, including airport master plans, project definition documents (PDDs), terminal development projects, construction airspace analyses, capital improvement program efforts, and airfield geometry assessments.

Most recently, Mr. Cahill served as a technical lead for the airfield and terminal components of the Fort Lauderdale–Hollywood International Airport Terminal 5 PDD. This included developing and refining the Terminal 5 project components, implementation schedule, space program, and associated cost estimates. He also conducted an aircraft gating exercise using AviPlan Airside Pro software. This PDD included an extensive value engineering exercise to provide a robust Terminal 5 facility, with dedicated passenger processing, landside roadways, and curbside, without exceeding the preliminary budget presented to the airlines. Throughout the PDD process, he coordinated with subconsultants and airport staff to maintain an organized workflow and incorporate changes and comments from airport staff. Mr. Cahill assisted in drafting the PDD narrative, tables, and exhibits, which were incorporated in the final document.

Previously, Mr. Cahill assisted in developing Dallas Fort Worth International Airport's capital improvement program. The program organizes potential airfield and airport improvement projects from fiscal year 2017 to fiscal year 2030. He prepared extensive presentations and created exhibits using AutoCAD for high-level discussion purposes. Additionally, Mr. Cahill developed project sheets and descriptions for near-term projects.

Prior to joining Ricondo, Mr. Cahill completed aviation operations internships with ExecuJet Aviation Group, a fixed-base operator located in Australia, and Purdue University Airport. With ExecuJet Aviation Group, Mr. Cahill developed a procedures manual for the implementation of an electronic flight bag. He also assisted in creating a training program for new employees that covered company procedures and regulations. For Purdue University Airport, he documented and performed airfield maintenance, as well as administered daily airfield inspections. He completed various tasks, such as technical writing projects, and assisted with the development of a training program.

LEA + ELLIOTT

**SAMBIT BHATTACHARJEE, P.E.**

Specialty APM

Mr. Sambit Bhattacharjee has 32 years of experience and provides technical, project & construction management leadership for all aspects of project development and execution for transit projects. This includes operating system planning, fixed facility/ infrastructure interfaces, development of viable transit alignments, procurement & contractor selection. Sambit provides technical and project management support related to fixed facility requirements and development / verification of viable transit alignments that meet technology-specific constraints related to horizontal alignments and vertical profiles. This includes development of Reference Drawings for Operating System Contract, Fixed Facility Package Drawings and System Program Books that are used as the fixed facility design criteria. His experience also includes coordination for interfaces with all the adjacent projects and area master plans to ensure the compatibility of a project with near- and long-term master plans.

Professional Registration

- Professional Engineer: Florida. Structural, #53307
- LEED AP

Education + Training

- B.S. Civil Engineering, Indian Institute of Technology

Project Experience**Fort-Lauderdale – Hollywood International Airport (FLL) Master Plan Update and APM PDD | Broward County Aviation Department**

As the Project Manager, Sambit is responsible for project strategies and coordination of the team's work with the Prime consultant, including review of client presentations. He has coordinated ridership, fleet analysis, and mode delineation assumptions for the passenger movements. The project is ongoing.

Fort-Lauderdale – Hollywood International Airport (FLL) / Port Everglades (PEV) APM and Intermodal Center Project Development and Environmental Studies | Broward County Aviation Department

Sambit was the Project Manager responsible for the development of the APM Project PD&E Document. This included analysis of viable technology options to determine if a competitive solicitation, ridership development, alignment analysis, facility interface, fleet sizing and cost estimates. This also included benchmarking analysis from other similar systems. Environmental Assessment evaluated and assessed the feasibility of the IMC and People Mobility alternatives including bus, rail transit and automated people mover options on various corridors to ensure project eligibility for federal and state funding. The project included planning, ensuring NEPA compliance, completing preliminary engineering and obtaining federal approval for approximately a 5-mile transit system connecting two major traffic generators (FLL and PEV), and regional transit through the Intermodal Center (IMC). Coordinated with area -wide master plans including ongoing transit projects of the time, FEC Corridor, Broward County E-W and Broward County Transit plans. The locally preferred alignment (LPA) for the APM system and the preferred IMC site is over US-1, just east of FLL was developed in coordination with all impacted stakeholders and public at large. The responsibilities included development of alignment concepts, access/egress alternatives to/from airport, US-1, I-595 and evaluation of alternatives leading to the Locally Preferred Alternative.

Tampa International Airport (TPA) SkyConnect APM | Hillsborough County Aviation Authority

As the Principal-in-Charge and the lead member of the Lea+Elliott fixed facility interface group, Sambit oversaw the development of the alignment, supported overall system integration into the airport and its interface with other adjacent existing and future projects. This work spanned over the masterplan phase of the APM project and continued under the Design-Build phase of the infrastructure project. Sambit was responsible for the coordination of Operating System requirements within the facility designs. During the implementation phase of the project, Sambit was responsible for managing the project interfaces construction with the infrastructure, and the overall oversight of the completion of the project.

**JACQUELYN CARO-SZUTAR, P.E.**

Specialty APM

Ms. Jacquelyn Caro-Szutar has over 20 years of experience in the Civil Engineering and Consulting field, with over 15 years working on aviation programs and facility improvements providing engineering and program management services. Services have included planning, design and development reports, contract document development, design development, construction administration, cost estimates, and program management services focused on program progress status assessments, configuration control, change management, cost controls, contract close-out, and claims management. Jacquie brings first-hand knowledge and experience from several large programs with Miami-Dade County and understands the nuances of coordinating multiple entities: designers, contractors, and agencies, required to complete a job and deliver a successful program. Jacquie has a strong foundation and understanding into the variety of possible issues that can surface with facility interfaces and dependencies between projects. She understands the importance of setting things up correctly in the beginning and utilizing the best tools possible to mitigate issues and manage resources throughout the lifetime of a program.

Professional Registration

- Professional Civil Engineer: Florida. Civil, #69360

Education + Training

- B.S. Civil Engineering, Florida International University, Miami, FL

Project Experience**Fort-Lauderdale – Hollywood International Airport (FLL) Master Plan Update and APM PDD | Broward County Aviation Department**

As the Deputy Project Manager, Jacquie has been responsible for coordination of the team's work with the Prime consultant, including review of client presentations. She has led the development of ridership, fleet analysis, and mode delineation assumptions for the passenger movements; Fixed Facility Interface Document; and the APM Project Definition Document, along with the development of the Project Definition Document. She also participated in the analysis of viable technology options to ensure a competitive solicitation environment.

Tampa International Airport (TPA) SkyConnect APM | Hillsborough County Aviation Authority

Jacquie provided Construction Administration services to assess the DBOM Contractor's performance monthly by evaluating the monthly progress reports, including analysis of the schedules for compliance to baseline requirements, float management, procurement delays, progress payments and overall compliance with the contractual milestones. She led the review of change order requests from the Contractor, analyzing these requests for contract compliance, entitlement, and implications to the overall schedule and budget. Jacquie also reviewed for compliance with the Contract requirements, including monitoring of the necessary testing and commissioning activities and their critical path, along with the completion of the punch-list items and release of retainage requests.

Orlando International Airport Airsides 2 and 4 APMs Evaluation Options | Greater Orlando Aviation Authority

Jacquie provided engineering review and Quality Control for the development of the Technology Report submittal, including committee presentations, for the replacement/upgrade of the existing APM systems. These include vehicle technology assessments, evaluation of the interface between the technologies and the existing system, passenger capacity evaluations and system demand requirements for each of the various technologies, and a final ranking and recommendation for a go-forward plan for GOAA.

WALTER P MOORE



DAVID MOORE, P.E.

Specialty Parking

Education + Training

- Bachelor of Science, Civil Engineering Technology, Youngstown State University, 1985

David is a Senior Parking Consultant at Walter P Moore with over 30 years of experience in the parking industry related to the planning, design and operation of parking facilities in all market sectors. As a specialist in Parking Access and revenue Control Systems (PARCS), David can guide the design team with creative solutions for recommending the most cost effective and efficient revenue control system to meet the facilities operational needs. Airport parking is another key focus market that David can guide the design team to creative and efficient functional designs, operational plans and revenue control solutions.

Project Experience

- City of Orlando Parking Study, Orlando, FL
- Fernando Noriega Palm Ave Garage, Tampa, FL
- Central Ybor Parking Garage, Tampa, FL
- Brickell City Centre, Miami, FL
- University of Florida Southwest Garage, Gainesville, FL
- Florida International University Parking Garage 5, Miami, FL
- Tampa International Airport Economy Parking Garage, Tampa, FL
- Orlando International Airport South Terminal Garage, Orlando, FL
- 2002 Perimeter Summit, Atlanta, GA
- 3003 Perimeter Summit, Atlanta, GA
- Colony Square Parking Garage, Atlanta, GA
- 500 South Main Street Garage, Las Vegas, NV
- Children's Healthcare of Atlanta, Atlanta, GA
- Erlanger Hospital, Chattanooga, TN
- St. Joseph's Hospital, Atlanta, GA
- Georgia Tech University Klaus Advanced Computing Building, Atlanta, GA
- Hartsfield-Jackson Atlanta International Airport, Atlanta, GA
- Dallas/Fort Worth International Airport, DFW Airport, TX
- Houston Airport System, Houston, TX
- Georgia Building Authority Parking Study, Atlanta, GA
- City of Norcross Parking Study, Norcross, GA
- Pittsburgh Parking Authority Parking Study, Pittsburgh, PA
- City of Griffin Parking Study, Griffin, GA



CAMERON GUNN, P.E.

Specialty Fueling

Mr. Gunn has nearly 30 years of experience in engineering design, project management and construction management for clients in the U.S., Canada, Middle East, Europe and Asia. He has managed the design and construction of petroleum storage and distribution systems for oil companies, petroleum distribution companies, airline consortiums, airports, and other petroleum industry participants.

Professional Registration

- AB /Lic. No. 52598

Education + Training

- Bachelor of Science, 1991, Mechanical Engineering, University of Alberta, Canada

Project Experience

FLL Tank Farm Expansion, Fort Lauderdale-Hollywood International Airport, FL
PROJECT MANAGER. Argus is providing the design and construction administration of improvements to nearly all fuel system functions including pipeline receipt, truck unloading, fuel storage, hydrant fueling, tank-to-tank transfer, and refueler loading. Additionally, the project covers modifications to the tank stripper system, site lighting and storm/containment drainage system.

FLL T3 Hydrant Modifications, Fort Lauderdale-Hollywood International Airport, FL
PROJECT MANAGER. Argus was retained for the relocation of IVV-8 and piping at Terminal 3 due to FLL Terminal Connector Project, which will be constructed over the existing IVV-8.

FLL Terminal 4 Hydrant System and Fourth Fuel Storage Tank, Fort Lauderdale-Hollywood International Airport, FL
SENIOR PROJECT MANAGER. Mr. Gunn led multi-discipline teams of engineers throughout the entire project cycle including design, construction management and commissioning.

CLT Fuel Farm Expansion, Charlotte Douglas International Airport, NC
PROJECT MANAGER. Argus is providing design, construction administration and resident engineering services for an expansion of airport fuel farm. The Fuel Farm development plan includes demolishing existing two 10,000-barrel Tanks and replacing them with one nominal 37,000-barrel tank. The project also includes upgrades to the existing piping and automated valves and an improved tank overflow protection system.

ORD Super Satellite Bypass Vault Modifications, Chicago O'Hare International Airport, IL
PROJECT MANAGER. Argus provided a Concept Design Report for the first phase to enable the jet fuel system to bypass the ORD Super Satellite Tank Farm for a significant expansion of Terminal 5. Argus identified proposed locations of new vaults as well as basic design parameters and material standards and proposed a mechanical layout for the new vaults.



VTC

JASON MCCONNELL, P.E.

Specialty Baggage Handling System

Education + Training

- Associates of Applied Science; CAD, Tarrant County College, Fort Worth, TX 2010

As a Mechanical Designer, Mr. McConnell excels at developing BHS/CBIS designs for difficult and challenging layouts including retro-fits in tight spaces with building obstructions. His involvement often includes: assessment of existing conditions, concept development, checked baggage make-up and claims capacity analysis, production of design packages, coordinating with other disciplines during design, creation of BHS ROM estimates, and responding to contractor submittals/RFIs during the construction phases. Mr. McConnell is proficient in both AutoCAD 3D and Revit and has experience with the use of BIM technology as an integrated tool for A/E design. On previous projects, he has incorporated BIM models and automated clash detection studies to aid in design review and coordination to prevent conflicts and provide solutions.

Project Experience

- Fort Lauderdale-Hollywood International Airport (FLL), TI CBRA Expansion CA Services
- Eppley Airfield (OMA), Terminal Development Program
- Tampa International Airport (TPA), Main Terminal Expansion
- Fort Lauderdale-Hollywood International Airport (FLL), Terminal 4 CBIS Design and CA Services
- Southwest Florida International Airport (RSW), BHS Design and CA Services
- William P. Hobby Airport (HOU), HOU FIS West Concourse
- Fort Lauderdale-Hollywood International Airport (FLL), Terminal 1 BHS/FIS Design Services
- Cleveland Hopkins International Airport (CLE), In-line Baggage Screening System Improvements and CBIS Recapitalization
- Baltimore-Washington International Thurgood Marshall Airport (BWI), CBIS Recapitalization
- Southwest Florida International Airport (RSW), BHS/CBIS Modifications
- Oakland International Airport (OAK), CBIS Recapitalization
- Jacksonville International Airport (JAX), CBIS Recapitalization & Optimization and Design Services



GOAL

VICTORIA BUXTON-TETTEH

Specialty Public Involvement

Ms. Buxton-Tetteh has over 13 years of experience in Public Affairs/Public Relations with strong management, effective communication and excellent customer service and interpersonal skills. She believes that communities should have a voice in projects that affect them, and promotes outreach during the early planning stages, so stakeholders become part of the developed solutions. Ms. Buxton-Tetteh is also experienced in in socio-economic analysis, demographics research, urban planning, program administration and project management. She has extensive experience in conducting and analyzing surveys to improve neighborhood economics and design, using GIS data to study land use practices, and reviewing environmental & transportation documents to identify impacts of development projects and develop mitigation measures.

Education + Training

- M.S. in Project Management, Queens University, Belfast, United Kingdom, 2007
- Bachelor of Arts in Social Science, University of Science & echnology, Kumasi, Ghana, 2005

Project Experience

Dykes Road Mobility Improvement Project

Public Involvement Lead for mobility improvements along three off-system roads; Dykes Road. Responsibilities included development of the CAP, coordination with three municipalities, development of project mailing lists, preparation of invitation letters, fact sheets and display boards for public meetings, public involvement coordination with FDOT, elected and appointed officials, residents, HOAs and adjacent businesses.

Las Olas Blvd Mobility Improvement Project

Public Involvement Lead for this complete street project in Broward County. Responsibilities included development of the Community Awareness Plan, development of project mailing lists, preparation of invitation letters, fact sheets and display boards for public meetings, development of presentation for public meeting, public involvement coordination with FDOT.

FDOT. I-75 At Griffin Road Interchange Improvements

Public Involvement Lead for this interchange urbanization project in Southwest Ranches, Broward County Responsibilities included development of the Community Awareness Plan, development of project mailing lists, preparation of invitation letters, fact sheets and display boards for public meetings, public involvement coordination with FDOT, elected and appointed officials, residents and adjacent businesses.

SR 9/I-95 At Northlake Boulevard PD&E Study

Planner and Public Involvement Specialist for the PD&E study within Palm Beach County to enhance overall traffic operations at the existing interchange of SR-9/I-95 and Northlake Blvd. by providing improvements to achieve acceptable Levels of Service (LOS) at the interchange in the future condition (2040 Design Year).

Sr 933/Sw 12th Avenue Resurfacing Project

Project Coordinator and Public Involvement Officer for this resurfacing and lighting retrofit project within the Miami Health District . Responsibilities include development of the Community Awareness Plan, public involvement coordination with FDOT, elected and appointed officials and adjacent businesses.

PROJECT APPROACH 2

The EXP team has been strategically assembled to provide the Broward County Aviation Department with the utmost flexibility, diverse experience and service offerings, availability, capacity, technical expertise, and familiarity with the Airport's goals.

IMAGE: O'Hare International Airport, Airport Transit System (ATS) People Mover - design by EXP

TEAM MANAGEMENT



We understand the Broward County Aviation Department’s approach to projects. Whether it be **development of Project Definition Documents for use on with alternate delivery method projects, planning and design of “one-off” projects, or the Construction Management/Construction Engineering Inspection of projects designed by others, the EXP Team is ready to engage with the Airports.** Our Team’s multi-tiered approach provides the Broward County Aviation Department with the most flexibility in how to execute projects. **Whether it be a single project or multiple projects simultaneously, the EXP Team can ensure capacity, depth, expertise, transparency, and availability.**

Team Composition | The EXP Team has been strategically assembled to provide the Broward County Aviation Department with the upmost flexibility to successfully deliver its Capital Improvement Program. **Our Team’s diverse experience and service offerings, availability, deep support capacity, technical expertise, and familiarity with the Broward County Aviation Department are unmatched.** The EXP Team is comprised of three distinct groups, Core Design Team, Design Support Services, Specialty Services, offering specific services and expertise to the Broward County Aviation Department.

Core Design Team | Our Core Design Team includes firms with extensive experience at Fort Lauderdale International Airport and North Perry Airport and we anticipate that this group will provide the bulk of the services under this Agreement. Not only does our Core Design Team have the capacity to tackle all new projects anticipated through Broward County Aviation Department’s Capital Improvement Program, they provide flexibility to engage in existing projects where existing consultant contracts are currently restricted by time and funding. This is only possible because members of the EXP Team are already engaged in key roles at Fort Lauderdale-Hollywood International Airport and/or North Perry Airport. **The EXP Team’s Core Design Group provides the Broward County Aviation Department with continuity of design and engineering services eliminating any learning curves, expediting the completion of design documents, and emphasizing efficiency facilitating the resolution of complex issues.** Our Core Design Team elevates County Business Enterprise (CBE) Firms to key positions while still ensuring overall quality through EXP’s Integrated Design Practice. EXP provides true full service Architectural and Engineering services in Aviation including everything from Architecture, Interior Design, Mechanical, Electrical, Plumbing, Fire Protection, Low Voltage/Security, Structural, LEED, Commissioning, to Airfield Civil, Road and Transit design/engineering services. **Nonetheless, EXP is committed to providing the Broward County Aviation Department the best personnel for each task, regardless of the Firm.**

CORE DESIGN TEAM	BROWARD EXPERIENCE	CBE	ROLE
Core Design Team			
EXP	•		Project Management, Architecture, MEP Engineering, Lighting Design, Structural Engineering, Airfield Engineering, LEED Certification, Commissioning
Gresham Smith	•		Architecture, Interior Design, Signage / Wayfinding
Atkins North America, Inc.	•		Civil / Airfield Engineering
Walters Zackria Associates, PLLC	•	•	Architecture
Gartek Engineering Corporation	•	•	Mechanical, Electrical, Plumbing Engineering
Quantum Electrical Engineering, Inc.	•	•	Electrical Engineering, Airfield Lighting
Hammond & Associates, Inc.	•	•	Fire Protection
S&F Engineers, Inc.	•	•	Structural Engineering
Goal Associates, Inc.	•	•	Highway / Interchange Design
Miller, Legg & Associates, Inc.	•		Environmental Permititng / Landscape Architecture
CRI & Associates, Inc.	•		Civil / Drainage Engineering

Design Support Group | The EXP Team’s Design Support Services Group will engage with our Core Design Group during preliminary site investigations, during design development, and during construction. Not only will our Design Support Services Group **provide traditional Geotechnical Engineering, Subsurface Utility Engineering, and Surveying services, but it will also provide environmental testing services like lead and asbestos which are critical to airport facility modernization.** While Terminals 1, 2, and 3 at Fort Lauderdale-Hollywood International Airport have been modernized, the Terminal 4 Pre-security Terminal Facility dates to 1984 and has not undergone a full-scale modernization program. The EXP Team’s ability to provide specialized environmental services through our Design Support Services Group is critical to ensuring that all existing environmental issues are identified early and addressed during the design development process. This same emphasis on environmental, health, and safety components extends to the demolition of existing facilities like those anticipated for North Perry Airport. Our Design Support Services Group’s will also support the EXP Team’s efforts during design development and construction through the provision of cost estimating and scheduling services. Our Project Controls partners provide local knowledge and familiarity with relevant market trends and international expertise filling the Controls role on the largest aviation programs in the world.

DESIGN SUPPORT SERVICES GROUP	BROWARD EXPERIENCE	CBE	ROLE
Design Support Services			
H2R Corp	•	•	
Stoner & Associates, Inc.	•	•	Surveying
Tierra South Florida, Inc.	•		Geotechnical Engineering
Keith and Associates, Inc.	•		Subsurface Utility Engineering
Program Controls, Inc.	•	•	Cost Estimating & Scheduling
Turner & Townsend, Inc.			Claims Analysis
AirQuest Environmental, Inc.	•	•	Environmental Testing
ecoPreserve LLC			Resiliency / Sustainability

Specialty Services Group | Our Specialty Services Group will engage on an as-needed basis to reinforce the EXP Teams capabilities and depth of expertise. This group **includes consultants that are actively working with the Broward County Aviation Department to finalize the Airport’s Master Plan and develop strategies for implementation of the Master Plan’s complex components including the Automated People Mover, Intermodal Center, Commercial Center, Hotels, Terminal/Concourse Expansions, etc.** Because rehabilitation and upgrades are anticipated to the Fort Lauderdale-Hollywood International Airport’s existing parking garages, our Team includes Parking Consulting Services to help **ensure that parking modifications maximize the Airport’s return on investment and are planned to accommodate the changing landscape of Airport Parking due to ridesharing companies.** **Additionally, it is vital that proposed parking garage modifications do not impact the Airport’s Automated People Mover plans.** To ensure that the Fort Lauderdale-Hollywood International Airport’s future Automated People Mover requirements are met, the EXP Team is able to continue providing continuity to the Broward County Aviation Department by engaging consultants that are currently actively working on planning and preliminary design efforts for the Automated People mover. Our Specialty Services Group’s Baggage Handling System and Fueling subconsultant partners were responsible for the Airport’s Terminal 1, 3, and 4 In-Line Baggage Handling Systems and ongoing Fueling Tank Farm expansion; respectively.

SPECIALTY SERVICES GROUP	BROWARD EXPERIENCE	CBE	ROLE
Specialty Services			
Walter P. Moore and Associates, Inc.	•		Parking Consultant & Blast Analysis
Vic Thompson Company	•		Baggage Handling System
Argus Consulting, Inc.	•		Fueling Design
Lea & Elliott, Inc.	•		Automated People Mover
Ricondo & Associates, Inc.	•		Airport Planning

Construction Inspection and/or Management Services are an integral part of any successful project. **The entire EXP Team is capable of providing construction related services and EXP is committed to providing the right person for each task, regardless of the company.** This provides the Broward County Aviation Department with access to our entire staff and multiple levels of expertise during construction phase services.

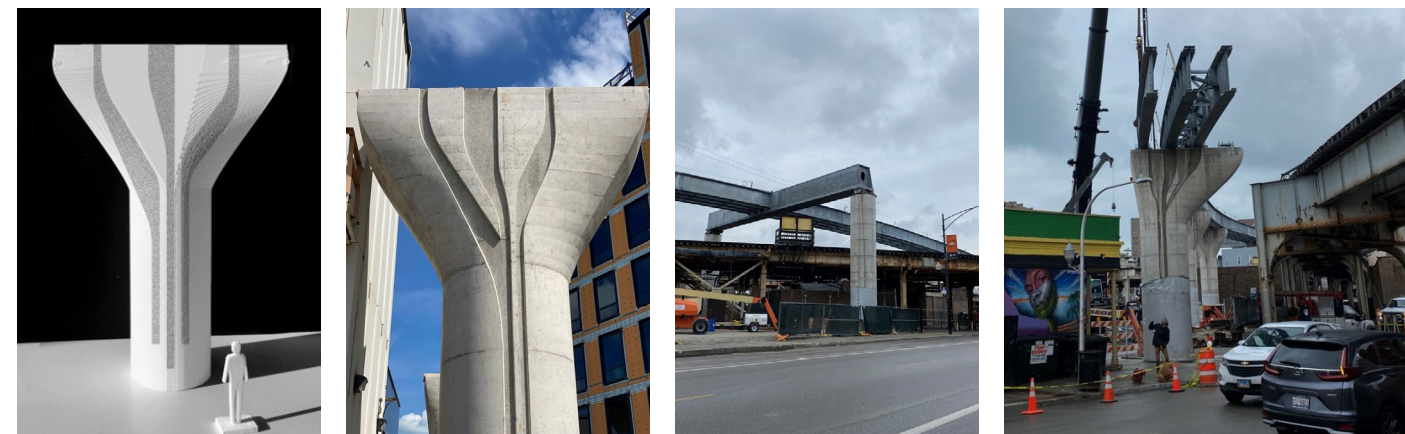
Project Management | First and foremost, each project requires the right team. **EXP has already begun this step by assembling a highly qualified team of personnel, all specifically chosen for their familiarity with similar projects at Fort Lauderdale-Hollywood International and North Perry Airport, leadership within their respective discipline, and availability.** All have prior and current experience working on similar projects in active airports that remain operational during construction.

Communication in an open and directed manner is a hallmark of EXP. Clear, concise exchanges of information are integral to our process. The key to an effective management process begins with establishing clear lines of communication, identifying the roles and responsibilities of all parties, and ensuring that all parties are aware of project constraints. The following are examples of communication tools that we utilize:



COMMUNICATION in an open and directed manner is a hallmark of EXP. Clear, concise exchanges of information are integral to our process.

- Single Point of Contact: EXP's Project Manager will serve as the Airport's single point of contact, ensuring clear consistent communications.
- Documentation: EXP will maintain all project records in our electronic document control system. EXP is also a leader in implementing internet-based project specific home pages. This allows the entire project Team to track project progress and update information in a "real time" basis.
- Scope of Services Document: EXP will prepare a detailed Scope of Services Document that will be developed further at the onset of each project. We will utilize this resource proactively as an effective plan for execution of project objectives and for monitoring and controlling progress to ensure compliance with the project's requirements.
- Weekly Team Coordination Meetings: This allows for general input from all team members, ensuring that commitments to the project are met.
- Client Meetings: EXP will attend regular project status meetings with Airport's staff and will provide meeting minutes of all meetings. These meetings will be used to communicate the progress of the design, status of the schedule, review of budget concerns, and sharing of information between the design team, Broward County Aviation Department, and other stakeholders.
- Action Item List: EXP will maintain an Action Item Log identifying open issues for resolution.
- Progress Reports: EXP will provide regular progress reports identifying work completed, work in progress, and work remaining. These reports will also summarize any outstanding issues which require resolution.
- Visual Aids: EXP will provide visual aids, such as models, renderings, video fly-throughs, physical samples, scaled 3D printed mock-ups, and/or virtual reality experiences to assist the decision-making process and stakeholder facilitation.



Chicago Transit Authority (CTA) - Red and Purple Modernization Program RPB

Quality Controlled, Quality Assured | Recognizing that "fresh eyes" often see things in a new or different way, our Quality Plan includes QA/QC reviews on every project by architects and engineers who are not directly involved with the project. In this manner we verify that we have found the best way to do things and maximize our ability to discover ambiguity or inconsistency in our documents.

We will develop a Quality Program specifically tailored for this project based primarily on the successful and effective Quality Program we've implemented on current and prior aviation projects. **The EXP Team has had great success and historically experience very low levels of change orders and schedule impacts, due in large part to the development of, and strict adherence to, a diligent focus on Quality at all levels and at all times during the life of a project.**

The following Key Components will form the basis of our Quality program for this contract, and will ensure an effective means of coordinating amongst the entire design team, and to ensure that our own quality check comments are addressed prior to submission of review documents to the client:

- Separate QA/QC Team: Potential project risks are identified and discussed, and mitigation strategies developed. Schedule, client goals and objectives, and project budget are all discussed. This sets the scope of the QA/QC reviewers going forward and ensures adequate base-line knowledge of the overall project. Reviews are conducted by the EXP Team's senior technical staff not directly involved in the project.
- Florida Professionals: Reviews will be performed by professionals with experience with the Florida Building Code and that have completed the advanced building code course now required by the Florida Statutes.
- Design Critiques: Our critiques are focused on aesthetics, materials, environmental context, constructability, and response to specific client goals.
- Coordination: Regular coordination meetings serve as a forum for exchange of information, status reporting, and technical coordination. Less formal, more frequent, "stand up" coordination meetings keep the project teams productive and aware of potential issues affecting each discipline.
- Formal Progress Review Meetings: These meetings between the EXP Team and the Airport will be held to evaluate the status of our documents at established percent completion benchmarks.
- Document and Information Control: The flow of information on every project needs to be controlled. To achieve this, informational correspondence will be channeled through the Project Manager.
- Correspondence, E-mails, Meeting Minutes and Reports: During the course of the project's design, the EXP Team will document the project through electronic copies of correspondence, e-mails, and meeting minutes to document decisions made, direction given, and a general summary of the project's correspondence. Visual Aids: EXP will provide visual aids, such as models, renderings, video fly-throughs, physical samples, scale mock-ups, and/or virtual reality experiences to assist the decision-making process and stakeholder facilitation.
- Progress Reports: EXP will provide regular progress reports identifying work completed, work in progress, and work remaining. These reports will also summarize any outstanding issues which require resolution.

Work Authorization Management | **Through our Project Manager, Marcos J Souza, PE, PMP, our goal is to continue our "extension of staff" relationship with the Broward County Aviation Department.** Marcos has extensive experience managing multiple Work Authorizations, of varying scope, simultaneously for the Broward County Aviation Department and understands the requirements of the Standard Consultant Agreement (BCF#202) and the Airport Additional Requirements for each Work Authorization. Notification, Invoicing, Retention of Records, Broward County Aviation Departments Electronic Media Submittal Requirements, and SIDA Badging Requirements are all familiar to the EXP Team. In addition to Marcos' experience serving as an extension of staff, EXP's subconsultant partners are also familiar with the Broward County Aviation Departments requirements and are ready to hit the ground running.

As a testament to
the strategies, tools
+ safeguards EXP
has in place.
80% of our work is
with repeat clients



DESIGN APPROACH

EXP's approach and methodology to architectural and engineering design services is elegant in its simplicity. It starts with listening to understand and define the Client's needs and requirements. As simple as that seems, valuable information from those that live the space and deal with the issues before and after consultants are engaged may be discarded if clear and attentive lines of communication are not established. A good design team must remain in communication with the client; focusing towards the common goal of achieving design solutions that are functional, efficient, and cost effective. Delivered on-time, without operational disruptions and under budget. Open collaboration with the Broward County Aviation Department will serve to establish a comprehensive assessment and approach to each Work Authorization adapted to meet the specific challenges and needs of Fort Lauderdale-Hollywood International Airport and North Perry Airport and the Broward County Aviation Department.

The scope of services for this solicitation includes design and construction services for a variety of projects from new construction to remodeling or renovations to existing buildings including the terminals. That scope requires a Design and Engineering team with the depth and breadth of experience to handle all the types of tasks that may be required. Furthermore, the approach to each must be specifically detailed to the conditions.

Design Aesthetic | Airports are constantly evolving and are now much more than a place where you go to catch a flight. Countries all over the world are investing in their airports, not just to handle the increasing capacity demands of a worldwide travel industry, but to gain an edge in the competitive global marketplace by offering a plethora of added services and amenities.

Our team believes that the line and distinction between architecture and interior design should be minimized. We strive to **fully integrate the two disciplines into a singular vision and concept. The two are created and thought about simultaneously. Concepts, materials, layout, circulation are all part of the same conversation.** Our architects and interior designers work hand in hand to seamlessly blend the two into one execution. When the project only has an aesthetic component, the response looks carefully at the existing context and building environment, to respect and enhance what is already there. When new ideas are inserted into an existing situation, it is done with care and an eye to creating a fresh environment that will remain timeless, functional, durable and lasting.

Successful execution of the project will require extensive and effective communication and coordination among all stakeholders. Only through regular communication with the Airport and its Stakeholders, regular Quality Checks, Design Charrettes and Page-Turn reviews with each stakeholder will each project succeed. **The EXP team will ensure that project requirements are met while maintaining a local sense of place, aesthetic, and a continuous reference to the community and its surrounding iconic South Florida landscape.**

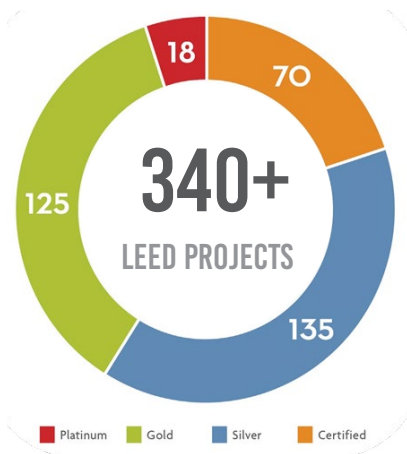


Our work at St. Louis Lambert International Airport is reflective of this design process. **EXP's design blended requirements for new security systems, implementation of new technologies, public art, modern 3D imaging for wayfinding, need for added amenities, and the existing conditions to recreate the feel of the original open and voluminous design aesthetic.** The result of EXP's design was an upgraded experience for passengers leaving a lasting impression on all visitors to the airport, while also increasing revenue, safety, and efficiency in its operations.

Sustainability / LEED Certification | At EXP, sustainability is a part of every aspect of our business. We are focused on creating positive environmental, social and economic impacts for our clients, our communities and within our organization. Across our practice, we progress forward-thinking ideas and smart solutions that drive value for our clients. We leverage technology to improve sustainable design performance, implement green construction practices and use scientific methods to protect the world's natural habitats. **As a LEED Proven Provider and an Envision qualified company, we have helped obtain sustainable certification for tens of millions of square footage around the world.**

Sustainability within Our Organization: We put our words into action within our organization. We are committed to providing healthy, safe and sustainable environments for all our employees. We implement firmwide strategies from sustainable procurement to energy, water and waste reduction. We benchmark energy use across our portfolio and set targets for reducing our carbon footprint.

PNC2120437P1 | Professional Consultant Services for FLL and HWO Airports, Building Projects





LEED | SUSTAINABILITY

ORD, SATCT I EXP designed the new South Air Traffic Control Tower at O'Hare International Airport with a green roof. This was the first Air Traffic Control Tower at O'Hare to achieve a 4-airplane SAM rating and is one of only three LEED Gold towers in the US.

Expertise. Experience. Sustainable, or green building design, is a core value of EXP. Our commitment to the environment is constant as we “educate, evaluate and implement” earth-friendly strategies into all our projects. Besides being “the right thing to do,” sustainable choices create positive outcomes for owners in many ways – **reduce operating costs; enhance asset value; improve productivity; maintain better occupant health; reduce absenteeism; reduce liability; increase profits.**



EXP provides support to clients to help them make LEED®, Green, and sustainability standard practice. Our dedication to the environment has included EXP representation on the national US Green Building Council (USGBC) board of directors. EXP has worked on hundreds of LEED certified projects. **Our LEED documentation is of such high quality that the USGBC recognized us as one of a very few LEED Proven Providers. As a Proven Provider, we can bring a streamlined LEED review to our clients.**

Our approach is simple: Early, Often and On the Fly. We believe early involvement in the projects leads to an efficient design process. Sustainable ideas, systems and equipment are incorporated into the drawings and specifications before the project is bid by the contractors. Our LEED and Sustainability Team is involved through the entire process, performing design reviews and providing comments to the Project Team. This ensures a high-quality process is maintained from start to finish. Checking the drawings and specifications often provides assurance to the Owner that their project requirements continue to be met. During the meetings, energy, water and site calculations are often performed sitting at the table with the entire team. This quick reaction allows for decisions to be made on the fly, in real time, with no further delays to the documents.

Our dedicated LEED and Sustainability team members come from all backgrounds of the design and construction industry – architects, interior designers, mechanical and electrical engineers, and controls contractors. Through this blend of expertise, we bring a unique perspective to our sustainability approach and can look at the entire building – from the building envelope to the mechanical systems and finally to the last brush of paint used on the walls. Our energy modelers are experts in using multiple programs, including those that can analyze long term cost benefits for different system types.

Our team recognizes that airports have specific characteristics and functional requirements that may pose challenges to LEED certification, notably in that the option of site selection and related benefits are typically unavailable to the project. However, we also know that the rating systems, particularly LEED NCv4 and NC-v4.1, have flexibility to accommodate airport design and functions.



Our team members’ capabilities and practices have been developed to effectively support LEED certification for all airport projects, and to design all projects with sustainability in mind, regardless of whether they ultimately seek LEED certification or not.

Ensuring Passenger Confidence Through Cleanliness | The EXP Team has facilitated the development and implementation of the Global Biorisk Advisory Certification (GBAC) at public venues across the US. The GBAC program, consists of 20 elements, designed to ensure proper processes to prevent and control the spread of infectious disease are in place.

The GBAC program provides the Broward County Aviation Department, a 3rd party framework for space use planning/design and signage, training guidelines for personal protective equipment, use of cleaning and disinfection chemicals, contingency plans for lack of supplies, guidance for preventing community spread, plans for biohazardous events, maintenance of suppliers, and continuous process

THERE ARE FOUR (4) KNOWN PATHS OF TRANSMISSION FOR COVID-19

1 PATH 1

- » Most recognized method is social distancing.
- » Other alternatives include partitions and/or transparent barriers.
- » Requiring use of Face Masks to reduce size and number of droplets coming from infected individuals.

2 PATH 2

- » Touchless Fixtures (Door openers, flush valves, towel dispensers, soap dispensers, etc.).
- » Use of existing healthcare technologies like Hydrogen Peroxide (H2O2) which can be used in occupied areas.

3 PATH 3

- » Utilization of MERV 13 Filters to increase particle filtration while not impacting airflows.
- » Easily retrofit Ultraviolet Light (UVC) systems into mechanical ductwork.
- » Use of strategically placed upper air UVC to create a “kill zone” as air flows back to return ducts.

4 PATH 4

- » Use of trap primers or barrier type trap seal protective devices that prevent trap seal evaporation and backward flow of sewer gases
- » High ventilation rates and modifications to airflow patterns that draw contaminants to water closet exhaust.
- » Negative pressurization in restrooms to prevent potential spread to other areas of the facility.

improvement. The EXP Team’s understanding of GBAC requirements allows us to incorporate best practices starting at the project planning phase allowing for a dynamic and interdisciplinary approach. Points to consider for implementation:

1. Risk assessment: To mitigate disease transmission at the GAF, we will conduct an analysis of passenger traffic to identify high risk time periods and locations then an analysis of temporal patterns to determine the time periods of potential higher risk.
2. Biohazard kits, signage, and presentation materials, should have adequate storage allocation and be available throughout the space to ensure timely response to release.
3. Commissioning of HVAC system to reduce disease transmission with a focus on ventilation and filtration.
4. Develop operational and maintenance procedures for bio-risk presentation, mitigation and response.

COVID-19 Spread Mitigation through Existing Technologies

Since December of 2019 the world has been dealing with the effects and impacts caused by Coronavirus Disease 2019 (COVID-19). The aviation market has been severely impacted, with some airports reporting up to a 95% decrease in traffic year over year, as quarantines and fear of contracting COVID-19 during travel has forced passenger confidence levels to an all-time low. Nonetheless, now is the time for airports implement measures to restore passenger confidence and reduce the spread of COVID-19 and other similar contagions within their facilities.

The combined and collective expertise of EXP’s multidisciplinary engineers, who specialize in aviation, transit, healthcare, research laboratory, zoological, hospitality, and other projects provides us unique insight into how to deliver solutions for Fort Lauderdale-Hollywood International Airport and North Perry Airport in a manner to reduce the possibility of COVID-19 transmission.

To effectively reduce the risk of transmission of the virus, measures must be put in place for each path. An effective plan should include purposeful redundancy based on the level of risk in addition to implementation of CDC recommendations. We believe that our multi-layered approach, which combats each of the four paths of the virus transmission, is a more comprehensive method that can continuously keep the indoor environment of Airports safer for the occupants.

All aforementioned techniques are non-corrosive and safe for human contact. Additionally, they are **existing technologies in use today that have been proven to reduce the spread of contagions like COVID-19. These proposed solutions may be implemented during normal occupancy safely and reliably, without the need for long periods of closure and decontamination.** These solutions allow for a way to make effective modifications to the existing HVAC system without having to create an entirely new piping system in the facility and these are proven solutions and are currently in use at a number of facilities around the world.



Maintaining Airport Operations | One of the most important factors to be accounted for when delivering any airport project is understanding the airport is operational, 24/7. The EXP team understands that Airport wide operations, building systems, and customer service must be maintained for the life of each project, with an emphasis on operations adjacent to construction activities. No longer are scrapped together dust partitions and construction walls viable for use in airport projects. The EXP team members are **experts in seamlessly blending construction into operational environments so that the passenger experience is not reduced**, or impacted, in any way.

Early in the design process it will be critical to identify how these operations and systems will be maintained and develop an integrated plan for the sequence of work and project phasing. This will then influence how design documents are packaged. Developing graphics for placement on McCain Walls our MallWall modular barricades to keep public informed about upcoming projects and ongoing construction activities will be important to maintain customer satisfaction and managing expectations.

Existing Condition Validation | As a precedent to any design activity, the EXP team will investigate and evaluate each building and/or work area. If needed, the EXP team will develop a detailed 3D Scan for the project limits and adjacent impacted areas. Like with every discipline, the investigation phase and the coordination with tenants and stakeholders is of out most importance. The design team will have to gather all of the existing conditions not only for the area to be remodeled, **but also verify all of the adjacent systems and their interaction to ensure proper operation, all while maintaining the airport operations**. The information gathered during this detailed investigation and assessment phase prior to design, will ensure that the EXP Team's designs are based on the most accurate existing condition model.

Retro Commissioning Enhances Operational Readiness | Although many airport systems are automated and controlled electronically, it is commonplace for them to deviate from the original design specification intent as maintenance, repairs, and/or additions are made over the years and by adjacent projects. **This is where the Retro-Commissioning process excels**. While the same ORAT tools required to ensure “the light turns on” are included in the Retro-Commissioning and Commissioning processes, they also provide Owners the peace of mind that the existing systems have been evaluated, have been re-turned prior to modification, and have been reevaluated at the completion of the new project(s). This extra level of detail ensures, not only, that systems modified as a result of the work are tested prior to start-up, but that they operate as the overall design intended.



EXP's Commissioning division has extensive experience developing and implementing Retro-Commissioning and Commissioning processes for all types of facilities. Recognizing that many systems may not have been properly installed to begin with and those that have may have degraded over time, Retro Commissioning's big return on investment primarily involves interrogating the operation of the mechanical and electrical systems and optimizing the operation of under-performing systems. EXP's engineers and controls specialists are experts in design, installation, operation, maintenance, and troubleshooting of a wide variety of building systems. **Retro-Commissioning of existing buildings typically discovers a minimum of 10% of HVAC energy cost savings**. This provides valuable feedback on ways to improve the design and implementation of new systems. The implementation of EXP's Commissioning processes will serve to prolong the life of the individual components, mitigate potential impacts to operations, and increase the overall life-cycle savings to the Airport.

Federal and Law Enforcement Agency Coordination | The EXP Team members have vast experience working with federal agencies and with other airport-related agencies on aviation projects. Our team members have interfaced with the FAA, TSA, and CBP, as well as local authorities having jurisdiction over the airports. Our knowledge in understanding their changing requirements is highly beneficial. Our ability to interpret and understand their needs and intent has led to innovative solutions.

At Fort Lauderdale-Hollywood International Airport, for example, EXP Team Members were able to plan, program, and construct one of the early Federal Inspections Services Facility that incorporated a “One Stop” process. Utilizing technologies such as Biometrics, Mobile Passport Control, and established technologies such as Automated Passport Control Kiosks the planned facility will be able to accommodate CBP's updated design standards and future technological enhancements without interruption to operations.

Expansion, renovation, and/or modifications of airport facilities must be closely coordinated with Law Enforcement Agencies including the Fire Marshal's office. Sensitive systems like Distributed Antenna System that allow first responders to communicate within the facility can be impacted as walls, even temporary construction walls, are installed. **The EXP team includes experienced experts that provide flexibility to address all building system issues** including coordination with the Fire Marshal's office to meet Distributed Antenna System (DAS) requirements. At the start of every project, be it a renovation or new construction, EXP works to design the code-required infrastructure to support a first responder DAS (also called Emergency Responder Radio Communication System, or ERRCS). We help identify the location for the head-end booster equipment and ensure that it is a 2-hour survivable location, and define a 2-hour survivable pathway for the backbone cabling, and finally we call out the 1-hour survivable pathways for the horizontal cabling out to the antennas themselves. As a value-added service to our clients, we partner with a handful of quality DAS vendors to develop preliminary heat maps and budgetary cost estimates to be used in coordinating the installation of the ERRCS in our final design. We recently performed this exercise on the new hotel being built at the Swan & Dolphin Resort in Florida. Much like what can be expected at the Airport, the layout and construction type of the hotel created significant interference zones. Providing the owner with a preliminary heat map, validating the design intent, ensured that the contractor understood how the system was to be installed and created clear communication channels in even the most remote parts of the facility. **Additionally, as part of our Integrated Design process we modeled the horizontal pathway to coordinate the spaces for conduit and junction boxes with other above-ceiling equipment. Through integrating the ERRCS plans early in the design phase, we can better control the costs of implementation and/or modifications of ERRCS.**

Our team understands the importance of meeting with these agencies early to be sure we understand their goals and requirements, as these can have significant impact on the physical layout and the technology that needs to be incorporated into the design. We know that once we understand their needs, we can better work together to integrate these needs into the project, and even improve the efficiency of their operations, rather than have them be add-ons at a later stage.



PAST PERFORMANCE 3

The EXP team has substantial experience in dealing with these types of varying projects and can help facilitate Fort Lauderdale-Hollywood International Airport and North Perry Airport's continued post-pandemic recovery and restore passenger comfort levels with air travel.

IMAGE: Midway International Airport Runway 13C-31C Rehabilitation - design by EXP

A. SAMPLE PROJECT EXPERIENCE

EXP understands that this Contract may include a range of (sequential, overlapping or simultaneous) projects including terminal and concourse-wide renovations and improvements, roofing & glazing, aesthetic related improvements, tenant relocations, new facilities and work at outer buildings, construction inspection and management services, parking garage upgrades or rehabilitation, demolition of abandoned buildings, baggage handling systems, and planning and scoping document preparation to facilitate the Airport's upcoming Capital Improvement Program. The EXP team has substantial experience in dealing with these types of varying projects and can help facilitate Fort Lauderdale-Hollywood International Airport and North Perry Airport's continued post-pandemic recovery and restore passenger comfort levels with air travel.

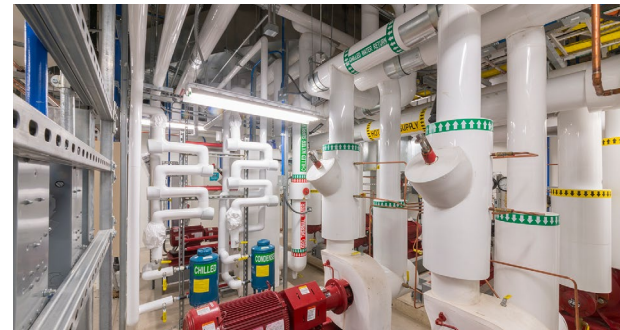
Much of our aviation work has been through Work Authorization contracts similar to this one, requiring the ability to respond to a wide variety of project types and schedules including emergency projects.

EXP has been providing Dallas/Fort Worth International Airport (DFW) architectural and engineering services for various types of projects throughout the DFW airport property. EXP designed the new 40,000 SF Integrated Operations Center that consolidates and integrated key Airport department personnel into a new building to realign DFW with emerging technological innovations. **Phasing and sequencing were incorporated into the project design including utilization of Operational Readiness Activation & Transition (ORAT) principles for the relocation of the Airport's departments/tenants from one location to the next.** Additionally, EXP provided design and engineering services for the Airport's Transportation Security Administration Innovation Security Screening Checkpoint Lanes. To improve the passenger experience and reduce wait times, ten Innovation Security Lanes will be installed in four separate security checkpoint locations, replacing existing equipment with new technology that has only been installed in one other location in the US to date. EXP's design accounted for new infrastructure including power and communications, relocation of rolling security screens and modifications to the existing structure to accommodate the new equipment. **The result of this project will be increased passenger throughput within the existing area without the need to increase TSA staffing levels.**

EXP provided design for enhancement and renovation of the **St. Louis Lambert International Airport** in St. Louis, Missouri as part of the Airport's "Airport Experience" program. The objective of the projects was to restore the grandeur of the original iconic Yamasaki terminal design and renew St. Louis' identity as the gateway city while still modernizing the airport.



DFW Task Order: Integrated Operations Center



Chicago O'Hare International Airport



St. Louis Lambert International Airport -
Concourse Renovation



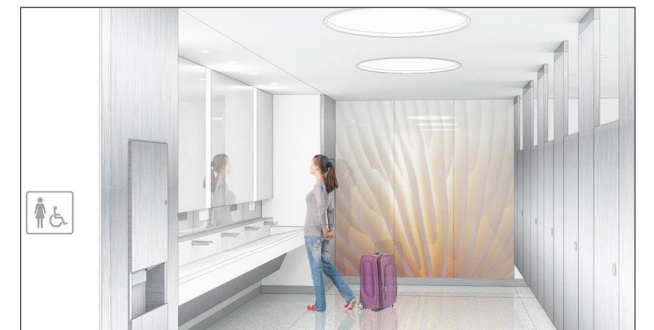
EXP was also the original designer of the Automated People Mover at O'Hare International Airport and has been providing annual system checks and has designed improvements for this system ever since.

With the aesthetics related improvements to the historic terminal making a significant impact, the EXP design was also responsible for seamlessly integrating the terminal design concepts to the Concourses including ceiling design and finishes, signage and wayfinding, and wall finishes and advertising, public restroom renovation, and floor and column finishes.

In addition, the EXP team completed projects that have included consolidation and re-working of security checkpoints to accommodate ongoing changes and improvements in the passenger and baggage screening processes utilizing the latest technologies and added capacity to improve the overall passenger experience and efficiency. Each project was heavily phased to ensure continued Terminal and Concourse Operations.

Similarly, EXP is providing Integrated Design services for a multi-year and multi-phase revitalization project at **Toronto Pearson International Airport** Terminal 1. The project includes expansion and revitalization of over 40 washroom sets and addition of new changing facilities. Upgrades to architectural finishes, surveying, Building Information Modeling, Mechanical, Electrical, and Plumbing upgrades, implementation of phased maintenance of traffic/operation plans, deliberate schedules, and constant consideration of construction strategy was implemented throughout EXP's design. In addition to the interior facility engineering services, **EXP also provided structural engineering services for the Terminal 1 Parking Garage, one of the largest single-structure garages in North America that also won the Cast-in-Place Concrete Structural Design Innovation Award.**

We are confident that the EXP Team's can perform similar services to meet and exceed the Broward County Aviation Department's expectations as we've done for our clients all over the country. Below are brief examples of some of EXP Team's work under Work Authorization based contracts at other Large Hub Airports.



Toronto Pearson International Airport -
Washroom Revitalization



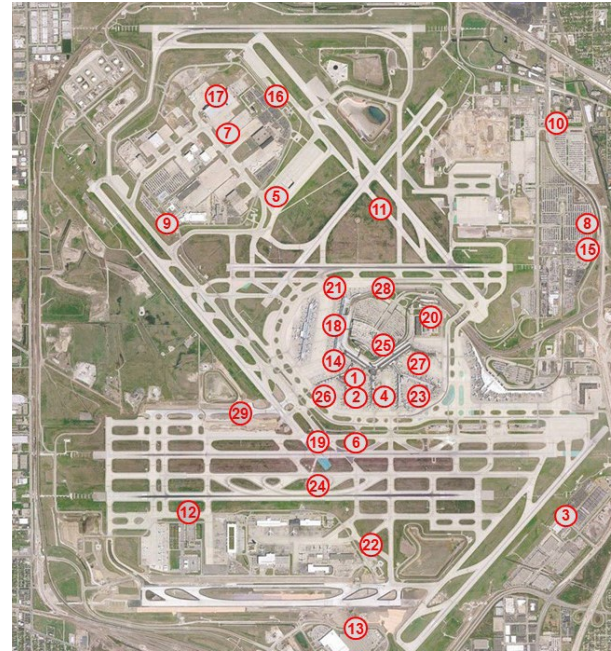
Toronto Pearson International Airport



Midway International Airport Runway 13C-31C Rehabilitation

Similar Project Summary	Program / Project Management	Alternate / Accelerated Delivery Method	Airport Facility Renovations / Modernization	Interior / Lounge / Concession Design	Building Finish Upgrades	Tenant Relocation	Roofing / Glazing / Building Envelope	MEP Upgrades / Modifications	Building Information Modeling	Civil / Drainage Engineering	Code Compliance	Phasing / Sequencing	Federal Agency Coordination	Construction Inspection / Administration Services	LEED Certification / Commissioning
St. Louis Lambert International Airport Terminal Renovations and Modernization	•		•	•	•	•	•	•	•		•	•	•	•	•
St. Louis Lambert International Airport Concourse Renovations and Modernization	•		•	•	•	•	•	•	•		•	•	•	•	•
Dallas/Fort Worth International Airport Terminal C Enhancements	•		•	•	•	•	•	•	•	•	•	•	•	•	•
Dallas/Fort Worth International Airport New Terminal F	•		•	•	•	•	•	•	•	•	•	•	•	•	•
Dallas/Fort Worth International Airport Integrated Operations Center (IOC)	•	•		•		•	•		•	•	•	•			
Fort Lauderdale-Hollywood International Airport Terminal 1 Modernization	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Southwest Florida International Airport Terminal Building Expansion	•		•	•	•	•	•	•	•	•	•	•	•	•	•
Tampa International Airport Terminal Modernization	•		•	•	•	•	•	•	•		•	•	•	•	•
Asheville Regional Airport New Airside and Complete Terminal Renovation	•	•	•	•	•	•	•	•	•		•	•	•	•	•
Richmond International Airport Concourse A Extension	•		•	•	•	•	•	•	•		•	•	•	•	•
Norfolk International Airport Comprehensive Airside Expansions	•		•	•	•		•	•	•		•	•	•	•	•
Louis Armstrong New Orleans International Airport, North Terminal Development Program	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Toronto Pearson Washroom Revitalization	•		•		•		•	•			•	•		•	
Fort Lauderdale-Hollywood International Airport Terminal 4 Gate Replacement	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chicago Department of Aviation - Architecture + Engineering Task Order Contract	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
• American Airlines Baggage Room HVAC	•		•					•	•		•	•	•	•	
• Concourse E/F Chilled Water Main Upgrades	•		•					•	•		•	•		•	
• Restroom Modernization Phase 4, O'Hare International Airport	•		•	•	•			•	•		•	•		•	
• Concourse H/K and Building 8C HVAC System Upgrade	•		•					•	•		•	•		•	•

Similar Project Summary <i>continued</i>	Program / Project Management	Alternate / Accelerated Delivery Method	Airport Facility Renovations / Modernization	Interior / Lounge / Concession Design	Building Finish Upgrades	Tenant Relocation	Roofing / Glazing / Building Envelope	MEP Upgrades / Modifications	Building Information Modeling	Civil / Drainage Engineering	Code Compliance	Phasing / Sequencing	Federal Agency Coordination	Construction Inspection / Administration Services	LEED Certification / Commissioning
• Terminal 3 Apex, O'Hare international Airport	•		•	•	•	•		•	•		•	•		•	
• Air Handling Unit Replacement - Heating & Refrigeration Plant	•							•	•		•	•		•	•
• Security Guard Booth Enhancements, Midway International Airport	•					•	•	•	•	•	•	•		•	
• O'Hare Runway 10L-28R Rehabilitation	•									•	•	•	•	•	
• Partial Relocation of Taxiways Alpha and Bravo	•	•							•	•	•	•	•	•	
• Runway 13C-31C Rehabilitation, Midway International Airport	•									•	•	•	•	•	
• Runway 4R-22L and Taxiway Y Rehabilitation	•	•								•	•	•	•	•	
Dallas/Forth Worth International Airport Design and Design Management Delivery Order Contract	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
• Rental Car Center ITS Upgrades	•							•			•	•		•	
• DFW Access Control Office (ACO)	•		•		•	•		•	•		•	•		•	
• Terminal D Concessions Redevelopment	•		•	•	•	•		•	•		•	•			
• Rental Car Center Lighting Enhancements	•							•			•	•			
• TSA Innovation Security Screening Checkpoint Lanes	•		•	•	•			•	•		•	•	•	•	
• Design, Code & Construction Department Office Renovation	•		•	•	•	•		•	•		•	•		•	
• Terminal D FIS and RFID Upgrades	•		•	•	•			•	•		•	•	•	•	
• DFW Terminal C and Terminal D Revolving Public Exit Doors Removal	•		•		•		•		•		•	•		•	
• DFW Dynamic Glass	•	•	•		•		•	•			•	•		•	•



EXP has completed projects touching every
corner of ORD

American Airlines Baggage Room HVAC | EXP is providing A/E services to solve indoor air quality problems that presently occur at the American Airlines Baggage Room area at O'Hare International Airport due to infiltration of vehicle exhaust and de-icing fluids drawn into the outside air intakes. The area is currently served by 10 AHU's which are over 20 years old. Work includes demolition, relocation, and replacement of the existing units in a phased approach to minimize disruptions to continuing airport operations, and the design of a new power distribution system. EXP's scope includes full commissioning of the completed system.

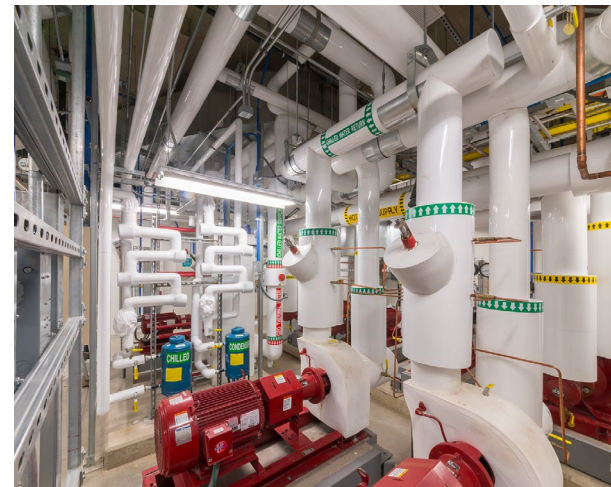
Concourse E/F Chilled Water Main Upgrades | To adequately meet present and future cooling loads of Concourse E/F and Terminal 2 at O'Hare International Airport, and to ease present low Chilled Water differential pressure problems, the existing chilled water mains must be increased in size. The new chilled water lines will tie into existing and active 24" Chilled Water Supply main and 20" Chilled Water Return mains. Work includes relocation and modification of other piping systems and electrical utilities that currently interfere with the work of this project. All work must be done in a phased approach to minimize disruptions to continuing airport operations. EXP's scope includes full commissioning of the completed system.

Runway 4R-22L and Taxiway Y Rehabilitation | EXP is providing final design services for Runway 4R & 22L and Taxiway Y Rehabilitation. Successful completion of this project will rehabilitate Runway 4R-22L, Taxiway Y and all the connector and high-speed taxiways before the pavement deteriorates and adversely affects operations. This project will also remove the existing Taxiway Y5 north and south of 10L-28R blast pad and expand the fillet at the intersection of Taxiway Y3 and Y to comply with current FAA requirements.

O'Hare Runway 10L-28R Rehabilitation | CDA procured the services of EXP to rehabilitate the busiest runway at ORD. This current project includes the milling and resurfacing of 9200' of the runway and associated taxiways to provide a continuous, homogeneous surface. Additionally, the "bullseye" intersection of 10L-28R and 14R-32L will be investigated to determine if the intersection requires additional modifications to improve or correct substandard cross-slopes.

Concourse H/K and Building 8C HVAC Systems Upgrade | Work includes evaluation of approximately 48 existing major HVAC systems at Concourse H/K and Building 8C at O'Hare International Airport, as well as heating and ventilation units and other smaller air handling units and controls systems. All existing systems will be replaced as a part of this project, including a complete new controls system and power distribution for all existing systems. EXP's scope includes full commissioning of the completed system.

Air Handling Unit Replacement – H&R Plant | The H&R Plant is the main Heating and Refrigeration Plant serving O'Hare International Airport. The scope of this project is to replace the four main air handling systems, which includes all air handling units and their associated equipment, including return/exhaust fans, ductwork, convertors, low temperature water piping, chilled water piping, controls, supervisory monitoring, power distribution, and electrical systems. Phased demolition plans and phased construction plans are required to minimize disruptions to continuing airport operations. EXP's scope includes full commissioning of the completed system.



ORD, Chilled Water Systems



ORD, Terminal 3 Apex

Chicago Department of Aviation Architecture + Engineering Task Order Contracts Chicago, Illinois

EXP has held Architectural and Engineering Task Order contracts with the Chicago Department of Aviation for over 40 years. Projects include planning and design through construction and closeout phases. Services include architecture, landscape, structural, civil, mechanical, electrical, plumbing/ fire protection, security, audio-visual, survey, geotechnical, environmental engineering.

Project scopes include site development, utility infrastructure installations and renovations, new building designs, new building systems, building additions and building renovations. Projects have ranged in size from \$100,000 to over \$20,000,000 in construction cost.

CURRENT + RECENT PROJECTS INCLUDE:

Terminal 3 Apex, O'Hare International Airport | The project consisted of the development of underutilized "back-of-house" space in the Concourse H/K Apex into passenger amenity spaces including Food Court, Concessions and Washrooms. The design incorporates a new 374-seat Food Court offering an array of dining choices for travelers. Design services provided by EXP included architectural and engineering for shell and core renovation, and establishment of the core utilities for all new tenants. Our firm provided complete mechanical, electrical, plumbing and fire protection design that included re-routing of a maze of existing electrical and plumbing systems to accommodate the new architectural layout.

16

projects in the
last 5 years

40+

number of years EXP
has held task order
contracts with CDA

PROJECT RELEVANCE

- Airport terminal/concourse/facility
- Airport security systems
- Concept level cost estimate + cost-benefit analysis
- Interior design
- Completion of work initiated by others
- Work with Federal + other airport related agencies
- Project Completion against established construction cost limitations
- Accelerated approach to project implementation
- Construction administration

TIMELINE

- Ongoing



ORD, Restroom Modernization Phase 4

Security Guard Booth Enhancements, Midway International Airport | The project includes demolition of existing Guard Booths, and installation of new ADA compliant security guard booths, with restroom, utility connections, communication lines, electrical connections, gate controls, fire protection, and security fiber optic connection in new locations. Work also includes emergency power generators, enhanced lighting, new security gates and controllers, new pavement, drainage, and utility improvements. The design must allow continued operation of the existing security guard booths at all times until the new booths are commissioned for use.

Runway 13C-31C Rehabilitation, Midway International Airport | EXP provided design consulting services for the rehabilitation of Runway 13C-31C at Midway International Airport (MDW). Runway 13C-31C is the longest and most active runway at MDW, with a length of 6,521 feet and Engineered Materials Arrestor Systems (EMAS) at both ends. EXP was responsible for the design of the pavement overlay and related work for Runway 13C-31C. The new pavement overlay raised the runway.

Restroom Modernization Phase 4, O'Hare International Airport | The Restroom Modernization Phase 4 at O'Hare International Airport, included renovation and modernization to the existing men's and women's Restrooms at Terminal 1, near Concourse Gates B6 and C12, and at Terminal 3, near Concourse Gate K6. The overall goal of the project is to create fully accessible contemporary restroom facilities for passengers that reflect a clean, bright, modern atmosphere. Thus the preference was for a warm color palette, soothing lighting, adequate maneuvering space, and highly durable and easily maintainable materials.



25+

projects under
current contract

5

year task order
contract

- PROJECT RELEVANCE
- Airport terminal/concourse/Facility
 - Airport security systems
 - LEED Certification
 - Concept level cost estimate + cost-benefit analysis
 - Landscape architecture
 - Interior design
 - Completion of work initiated by others
 - Work with Federal + other airport related agencies
 - Project Completion against established construction cost limitations
 - Accelerated approach to project implementation
 - Construction administration
- TIMELINE
- Ongoing

Dallas/Fort Worth International Airport

Design And Design Management Delivery Order Contract

Dallas, Texas

EXP is working with Dallas/Fort Worth International Airport (DFW) under a 5-year Task Order Contract to provide architecture and engineering services for various types of structures and facilities throughout DFW airport property. Projects include planning and design through construction and closeout phases. Services include architecture, landscape, structural, civil, mechanical, electrical, plumbing/fire protection, security, audio-visual, survey, geotechnical, environmental engineering. Project scopes include site development, utility infrastructure installations and renovations, new building designs, new building systems, building additions and building renovations.

Projects have ranged in size from \$50,000 to over \$30,000,000 in construction cost. EXP is the Prime consultant under these contracts and has a variety of subconsultants to provide specialty consulting services. Quantity of projects varies due to the Task Order nature of the contract. EXP's Core Team approach has allowed us to successfully execute all projects within budget and schedule, despite occasional project surges. All projects have taken place while existing operations have been maintained and while maintaining security requirements.

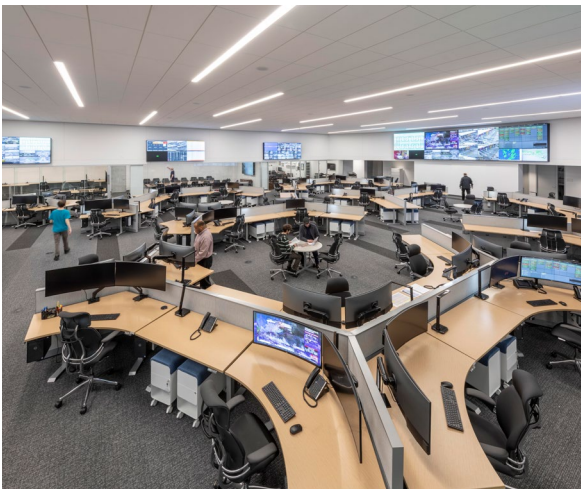
CURRENT + RECENT PROJECTS INCLUDE:

Integrated Operations Center (IOC) | EXP and provided design services for DFW Airport's Integrated Operation Center (IOC) located on a 7.5 acre site within the Airport's Southwest Campus. The design of the a new 40,000 SF IOC facility consolidates and integrates key Airport department personnel into a new building to realign DFW operations with emerging technological innovations in both airport operations and emergency operations. The design team is working with a Construction Manager at Risk (CMAR) to deliver the project on a timely, yet accelerated, schedule.

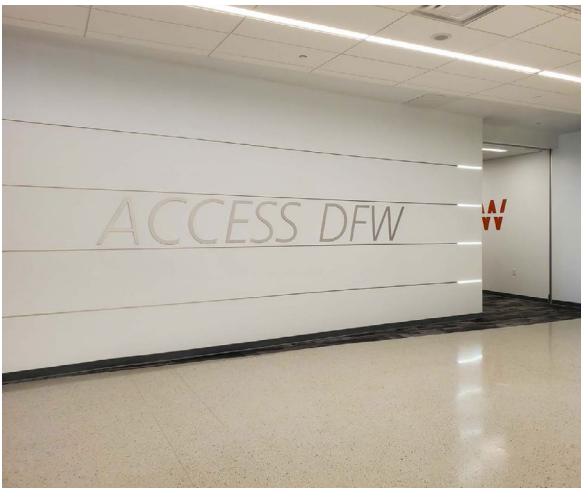




New Snow + Ice Facility (rendering)



Integrated Operations Center



Access Control Office

RCC ITS Upgrades | EXP providing design services that upgrade the Rental Car Center (RCC) security and life safety systems to meet the current code. Completed design services will include upgrades to the PA/VE system to provide audio mass notification along with messaging, background music and regulatory messaging within the building and adjacent curbside areas. The fire alarm system will be modified to provide integrated visual (strobe) notification. Additionally, Security systems are required to monitor and secure the facilities. An Automated Access Control System (AACS) will be deployed to secure two ITS Communications rooms per DFW Policy. Closed Circuit TV (CCTV) will be installed to provide visibility of public areas to assist in incident response.

DFW Access Control Office (ACO) | EXP is providing design services that relocates the existing DFW Access Control Office (ACO) from Terminal D to a new location in Terminal B. The team is providing architectural and engineering design services to develop the new office space. The new 18,300 SF office space will include expanded training/testing stations (including driving simulators), queuing and waiting areas, larger conference rooms, break room, and additional offices for new employees.

New Snow and Ice Facility | EXP developed a Master Site Plan for the Energy, Transportation and Asset Management (ETAM) Campus and also provided design of the first building to be located on the campus: the Snow and Ice Vehicle Storage Facility. The project will consolidate and relocate the existing ETAM facilities to ten new buildings located on a 66 acre site within the Southwest Campus. The Master Site Plan was completed first to determine an overall layout of the site that will be constructed in phase over the next several years. Allocating the correct amount of space required for buildings, parking, staging, and storage areas is necessary so that each phase of the build-out may occur at different points in time but work together as one cohesive campus. EXP facilitated a series of workshops to seek input from DFW, Planning, and ETAM stakeholders. The final Masterplan was prioritized into six phases. The 61,000 SF Snow and Ice Facility accommodates up to 25 vehicles, and is laid out to allow rapid and efficient deployment of vehicles when needed.

Terminal D Concessions Redevelopment | Development of a new vision for the South Village in International Terminal D, including development of new design criteria and lease outline documents for new and future concessionaires. Concessionaires include food and merchandise vendors focused on local Dallas character.

RCC Lighting Enhancements | In order to detect damage on returning rental car vehicles and provide a higher level of customer safety, the lighting levels were increased in the lower and upper levels of the Rental Car Center (RCC). by replacing the HID lighting fixtures with a higher density of LED type lighting fixtures.

TSA Innovation Security Screening Checkpoint Lanes | As passenger traffic has increased at DFW in recent years, passengers have been experiencing greater wait times through security processing functions. To improve the passenger experience, 10 new Innovation Security Lanes will be installed in 4 separate security checkpoint locations, replacing existing equipment with new technology that has only been installed in one other location in the US to date. Work includes additional electrical power, tele/data lines, relocation of rolling security screens, and modifications to other existing construction to accommodate the new equipment. The result of this project will be increased passenger throughput within the existing area and without need to increase TSA staffing levels.



Terminal D Concessions Redevelopment



Terminal C Rendering

Design, Code & Construction Department Office Renovation |

Renovation of existing 50,000 sf space, including new layout, furnishings, electrical distribution, lighting, tele-data, and mechanical systems. DFW's objective is to create a space that allows greater collaboration between departments, making layout and circulation more efficient, and updating technology and lighting to better accommodate work styles.

Terminal D FIS and RFID Upgrades | The U.S. Customs and Border Protection (CBP) at Dallas/Fort Worth International Airport requested modifications to the Federal Inspection Services (FIS) facility at Terminal D. These modifications include changes to equipment locations and infrastructure that will accommodate a modified processing method utilizing Radio Frequency Identification (RFID). Additionally, the layout of the CBP FIS areas were modified to better accommodate the predicted flow of travelers, additional Automated Passport Control (APC) kiosks were installed in the FIS corridor, Global Entry kiosks were relocated, and the secondary screening area on the Exit Control Level was completely enclosed.

DFW Terminal C and Terminal D Revolving Public Exit Doors Removal

EXP is working with DFW controlling stakeholders to provide design services including the removal of the existing Terminal C and Terminal D Revolving Doors and replacing them with a double exit door configuration that matches Terminals A, B, and E from the Terminal Redevelopment Improvement Program.

GRESHAM SMITH



Fort Lauderdale-Hollywood International Airport (FLL)

Terminal Modernization Program

Fort Lauderdale, FL



Fort Lauderdale-Hollywood International Airport (FLL) is currently the fastest growing large hub airport. Broward County Aviation Department knew it needed to modernize the space in a way that would improve the passenger experience and help accommodate passenger growth. Gresham Smith is providing design services for facility-wide, multi-phased airside, landside and curbside renovations known as the Terminal Modernization Program. From upgrades to all public area interior finishes, restrooms, hold rooms, security checkpoints and airside connectors, to a facility-wide signage and wayfinding program and a concessions master plan, our multi-disciplined team is leaving no terrazzo stone unturned.

Passenger experience is incredibly important to an airport's success and the modernization program's goal is to create a better aesthetic and operational experience. Gresham Smith is responsible for setting the architectural, interior and wayfinding standard for the airport—from installing terrazzo floors to redesigning restrooms to revamping concessions, our designs take the passenger experience to new heights. Our work touches each terminal:

- A modernization and expansion of Terminal 1 and a new Concourse A.
- Renovation and expansion in Terminal 2 to reorganize the concessions space and create a more pleasant overall look and feel.
- Renovations in Terminal 3 which provides additional concessions and a facelift. During this project, JetBlue also contracted with us to design its new inflight lounge which also serves as an operational hub for the airline's South Florida operations.
- Programming and design, working as a subconsultant, for a new Federal Inspection Station (FIS) in Terminal 4.

EXP



10TH

busiest airport in
North America

20

years of EXP
projects for GTAA

PROJECT RELEVANCE

- Airport terminal/concourse/Facility
- Airport Parking Garage
- Airport Support Facility design
- Structural Inspections of Existing Facilities
- Airport security systems
- Concept level cost estimate + cost-benefit analysis
- Completion of work initiated by others
- Work with Federal + other airport related agencies
- Accelerated approach to project implementation
- Construction administration

TIMELINE

- X

Toronto Pearson International Airport

Multiple Task Order Based Assignments

Mississauga, Ontario, Canada

EXP has been working with the Greater Toronto Airport Authority on a variety of projects both landside and airside.

CURRENT + RECENT PROJECTS INCLUDE:

TI Parking Garage | EXP provided structural engineering services for this project that won the Cast-in-Place Concrete Structural Design Innovation Award. As one of the largest single-structure garages in North America, this 8-story. This garage accommodates 9,000 vehicles (with provision for future expansion to accommodate 12,600 vehicles in total). At 4.8 million SF, the parking garage features double helix speed ramps, linear ramps, 27 elevators, escalators, a sprinkler system throughout, handicapped parking and car rental floor. With 2,000 tonnes of tendons, it is also the largest post-tensioned building in Canada, and one of the largest buildings in Canada to use "green" concrete technology.

Washroom Revitalization | EXP is providing all required structural, mechanical, and electrical engineering services, including IT, AV, and security, for this multi-phase washroom revitalization. This project focuses on Terminal 1 and includes three main parts: washroom expansion; revitalization of over 40 sets of washrooms; and addition of two new changing facilities. Furthermore, the new technologies are included for the space to give the renovation a lift in terms of functionality and data collection.

Global Manufacturing Centre | EXP is the Owner's Engineer for this project including preparing the master plan, early works, and a preliminary design package, and project specification development for the new Global Aircraft Manufacturing Centre at Toronto Pearson International Airport. The 1,000,000 SF high-tech manufacturing facility, located on a 41-acre site, will optimize final assembly operations for all Global business jets using state-of-the-art technology, such as automated positioning systems that are guided by laser-guided measuring technology. EXP was the prime consultant and scope included Project Management, structural, mechanical, electrical, extra low voltage, civil, geotechnical, environmental, transportation and traffic, architectural, and cost estimating.

Airside Bus Maintenance Facility | The development consists of a large parking and maintenance area for winter maintenance equipment, including snow plows and front end loaders, and access roads and provision for a future maintenance building. EXP provided services for the detailed design included the final development of the Site Plan, geotechnical investigation, site grading and servicing, drainage ditch design, utility relocations, cut and fill earthwork calculations, a detailed construction cost estimate and tender documents, and construction drawings.

Flexible Pavement Sections Runway 33 and Runway 05-23 | EXP was retained by the Greater Toronto Airport Authority to perform Inertial and California Profilograph Testing on the flexible pavement sections of Runway 33 Left and Runway 05-23; over 5.6 kilometers. EXP's involvement on this project included field testing, data analysis and consultation. As a Pavement and Materials Consultant, EXP conducted pavement smoothness testing with the conventional California Profilograph and the newer Inertial Profilograph systems for comparison and data acquisition. The collected field data was used to obtain Pavement Roughness Index (PRI) and International Roughness Index (IRI). Localized rough areas of the runways were also identified for repairs.

Terminal 3 Redevelopment & Parking Garage | EXP was retained by Greater Toronto Aviation Authority to provide quality assurance inspections for the installation of the lightweight steel structures, curtainwall and metal panels for the expansion of Terminal 3 – Pier 'C' Expansion work packages.

Airport Control Tower | EXP has been providing various services for NAV Canada across Canada. Recently, EXP provided mechanical and electrical engineering services for the chiller replacement and air handling unit consolidation for the Pearson International Control Tower and support building. The existing three chillers were replaced and air handling unit were consolidated and replaced. This was done with minimum shut down to the facility through multiple construction phases.



Washroom Revitalization



Global Completion Centre



EXP

6
awards won recognizing
world-class design

PROJECT RELEVANCE

- Airport terminal/concourse/Facility
- Airport security systems
- Concept level cost estimate + cost-benefit analysis
- Landscape Architecture
- Interior design
- Completion of work initiated by others
- Work with Federal + other airport related agencies
- Project Completion against established construction cost limitations
- Accelerated approach to project implementation
- Construction administration

TIMELINE

- Ongoing

St. Louis Lambert International Airport

Terminal + Concourse Renovations + Modernization

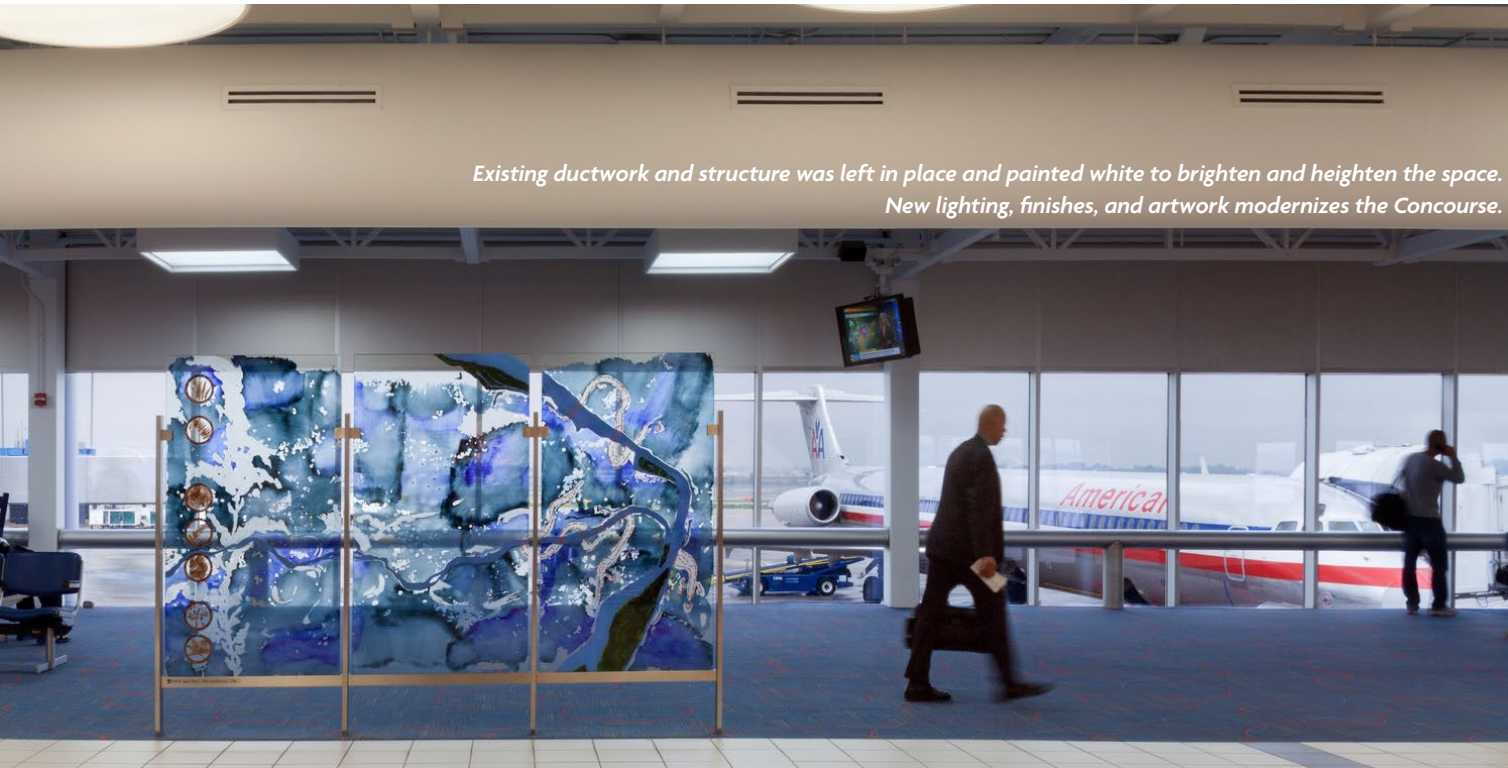
St. Louis, Missouri

As part of a larger campaign to modernize the existing Airport designed by Minoru Yamasaki in 1958, EXP and subconsultant KAI provided design services for the renovation of Terminal 1 and Concourses A, B and C at St. Louis Lambert International Airport.

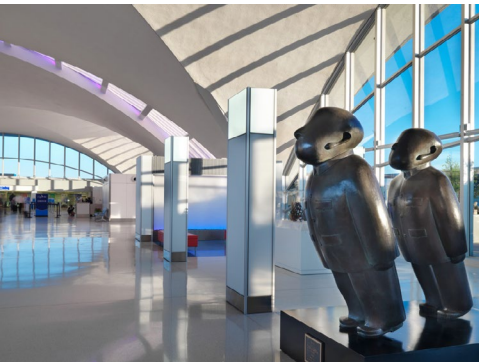
The major renovation and re-branding project was labeled 'The Airport Experience'. The objectives of the project were to restore the grandeur of the original iconic Yamasaki design and renew St. Louis' identity as a gateway city, while seamlessly integrating new technology, new security systems and updated TSA baggage screening processes. EXP provided architectural, structural, interior design, and overall project management services. The scope of the project included:

- » Renovation of the Ticketing Hall, including public areas
- » Airline Ticketing Offices
- » Departures Curb
- » Arrivals Hall
- » Passenger Security Screening Checkpoints
- » Mid-Level
- » Baggage Claim areas

Incorporation of public art was also coordinated by EXP to be integral with the new design. EXP worked with the Airport's graphics and branding firm to design electronic displays providing 3D imaging for wayfinding.



Existing ductwork and structure was left in place and painted white to brighten and heighten the space.
New lighting, finishes, and artwork modernizes the Concourse.



Terminal 1 Ticketing Level



Terminal 1 Ticketing Level

The scope of services began with verifying the Airport's program for each area of renovation and included meetings with numerous stakeholders including the individual Airlines, airport executives, TSA security personnel, concessionaires, retail operations, and maintenance staff. As the airline industry continues to change, so too were the program requirements by the various stakeholders, requiring EXP to rapidly study alternative solutions that addressed revised needs while still maintaining original budget and schedule constraints. Some of these alternative solutions and implementations took place even throughout construction.

Careful attention was paid to construction phasing and sequencing to ensure minimal disruption to passengers, employees, and security procedures. Impacts to concessions and airlines, and resultant loss of revenue, were minimized, and regular updates were provided by our team to all stakeholders so all knew what to expect, and when. Work was performed both landside and airside so careful scheduling of activities was necessary, often prior to or after operating hours. As challenges were discovered, alternative solutions were presented to the various stakeholders that were impacted by the work.

Enhancements and renovation of public areas in the 'A', 'B', and 'C' Concourses were also addressed as part of the project scope. Designs were based on carrying over the design concept from the Terminal to the Concourses, including ceiling design and finishes, signage and wayfinding concepts, and wall finishes and advertising. In addition to the main Concourse area, EXP also renovated all public restrooms, interior signage and wayfinding, floor, wall and ceiling finishes, lighting, holdroom carpeting, and public area furnishings. Art in Architecture was also included in the program.

The existing Concourses were worn from heavy passenger traffic over the years. Existing ductwork, lighting fixtures, and signage were hung low within the otherwise high space. The existing structure was painted black, further lowering the space visually.

Our designs brightened and heightened the sense of space within the Concourses, utilizing existing materials and structures as much as possible. Existing ducts remained to avoid the cost of removal and were painted bright white to lighten their appearance. Existing low-hanging linear light fixtures that blocked the view down the Concourses were removed and replaced with round pendant fixtures mounted at a higher elevation. The new fixtures have an up-light and down-light component, splashing more light onto the structure above. The exposed structure was cleaned and painted white, creating a sense of a greater volume above.



Tampa International Airport (TPA)

Multiple Projects

Tampa, FL



Since 1998, the Hillsborough County Aviation Authority (HCAA) has partnered with Gresham Smith for architecture, engineering and interior design needs at TPA. To address the airport's rapid growth, Gresham Smith has executed multiple renovations, modernizations and expansions totaling over \$1B in construction. The Rental Car Center (RCC) and SkyConnect Automated People Mover is one of the largest projects in the history of the Tampa Bay Region. Gresham Smith led this multidisciplinary effort on a design-build basis, serving as lead designer, project manager (working with 17 design and engineering subconsultants), interior designer, structural engineer, environmental graphics designer, and architect of record for the APM infrastructure, including three public stations and the APM maintenance facility. This complex \$750m project involved significant phasing, interface with existing terminal and roadways and maintenance of operations coordination. Project management duties for Gresham Smith also include meeting goals for contracting with woman and minority-owned business enterprises. Opened to the public in 2018, the Rental Car Center has storage space for more than 8,600 vehicles and can process up to 3,200 vehicles per hour. The Rental Car Center also houses a new remote bag check that supports multiple airline carriers. A new atrium and nine-story office building is currently under construction in the new SkyCenter development, with an elevated pedestrian walkway connecting the RCC and APM infrastructure via elevated pedestrian walkway. The development includes a remote curbside, conference center, fitness center, café and access to multipurpose trails that will eventually join with Tampa Bay's regional trail network. Gresham Smith is the architect for the SkyCenter atrium and elevated bridge as well as leading the workplace strategy and planning for all new airport administration offices within the new tower.

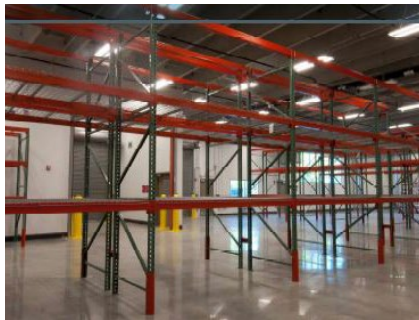
WZA



Fort Lauderdale-Hollywood International Airport (FLL)

Broward County Aviation Maintenance Building

Fort Lauderdale, FL



- Enhance overall BCAD Maintenance Department operations including an environment that enhances communications, increases productivity, lowers costs, and improves resource management.
- Create a facility to resist hurricanes to current code standards, which is capable of remaining operational during such emergencies.
- Create a ‘green’ building that is LEED Silver certified.

Program	Maintenance Shop Facilities	• 33,445 sf
	Maintenance Operation Office	• 10,330 sf
	Common Use Area	• 6,515 sf
	Inventory Management	• 5,385 sf
	Building Support	• 4,500 sf
	Future Growth	• 6,018 sf
Site:	Exterior Use Areas	• 81,000 sf
	Parking Areas	• 70,000 sf
	Fuel Station	• 1,500 sf
	Mechanical / Electrical Yards	• 2,500 sf
	Landscape Area	• 20,000 sf

S&F

Fort Lauderdale-Hollywood International Airport (FLL)
Terminal 4 FIS Expansion

Fort Lauderdale, FL

Scope of services: Structural design and special inspection services.

S&F Engineers, Inc. provided structural engineering services for this project. This project involves reconfiguration and expansion of the Federal Inspection Services (FIS) Facility. The project is to be completed in three tasks.

Task 1 – Enabling: Relocation of the existing recheck facility, temporary tunnel of egress through construction. (Complete)

Task 2A – Bag Hall: New 40,000 sq. ft. baggage hall facility (minus southernmost 60ft of building) and 11,800 sq. ft. baggage shed. (Complete)

Task 2B – The southern 60’ of the baggage were left from Task 2A in order to facilitate construction of Terminal 4 East. Once the contractor for Terminal 4 was out of the area, the southern 60ft of the baggage hall was constructed.

Task 3 – CBP Interior Renovation: Including new Meeter-Greeter lobby and rooftop covered egress path.

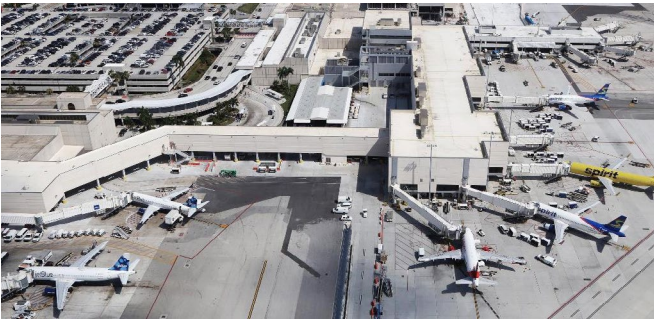
S&F Engineers, Inc. is working closely with the design team, airport program managers, and the contractor to coordinate with the many project teams and contractors working around the same area.



Fort Lauderdale-Hollywood International Airport (FLL)

Fort Lauderdale-Hollywood International Airport Concourse G Expansion

Fort Lauderdale, FL



Scope of services: Structural design and special inspection services.

S&F is currently providing structural engineering design services for the \$330 million phased replacement of the concourse area of terminal 4. This project is being completed in three phases, west, east and central. T4 west was completed July of 2015. T4 east was completed December of 2017. The central portion is still under construction.

The building is a mix of concrete and steel framing with precast panels and glazing for the exterior.

GRESHAM SMITH



Asheville Regional Airport (AVL)

New Airside and Complete Terminal Renovation

Fletcher, NC

In an attempt to keep up with the rapid growth of passengers traveling through Asheville Regional Airport (AVL), the existing building and associated infrastructure systems are in need of replacement or expansion to accommodate future growth through the planning year (2038). The vision of this project is to blend all of these local elements together to realize a building that has a deep connection to its location, and to functionally design the layout to support the ever changing needs of aviation to the planning year. Gresham Smith, as the prime consultant, will help realize the vision for the project including expanding and modernizing the existing single story, seven gate terminal to a two story, twelve gate terminal building. Additional components include:

- Expanded baggage hall
- Re-worked baggage system includes a CBIS and outbound baggage sortation
- Ticket lobby
- Enhanced curbside
- New loading dock
- Central energy plant
- Expanded holdrooms and airside amenities such as new restrooms, powered seating, and passenger boarding bridges

Project Relevancy

Work included architectural design, structural engineering services, interior design, programming and experiential design/wayfinding. Components included a new airside concourse, central SSCP and CMaR delivery.

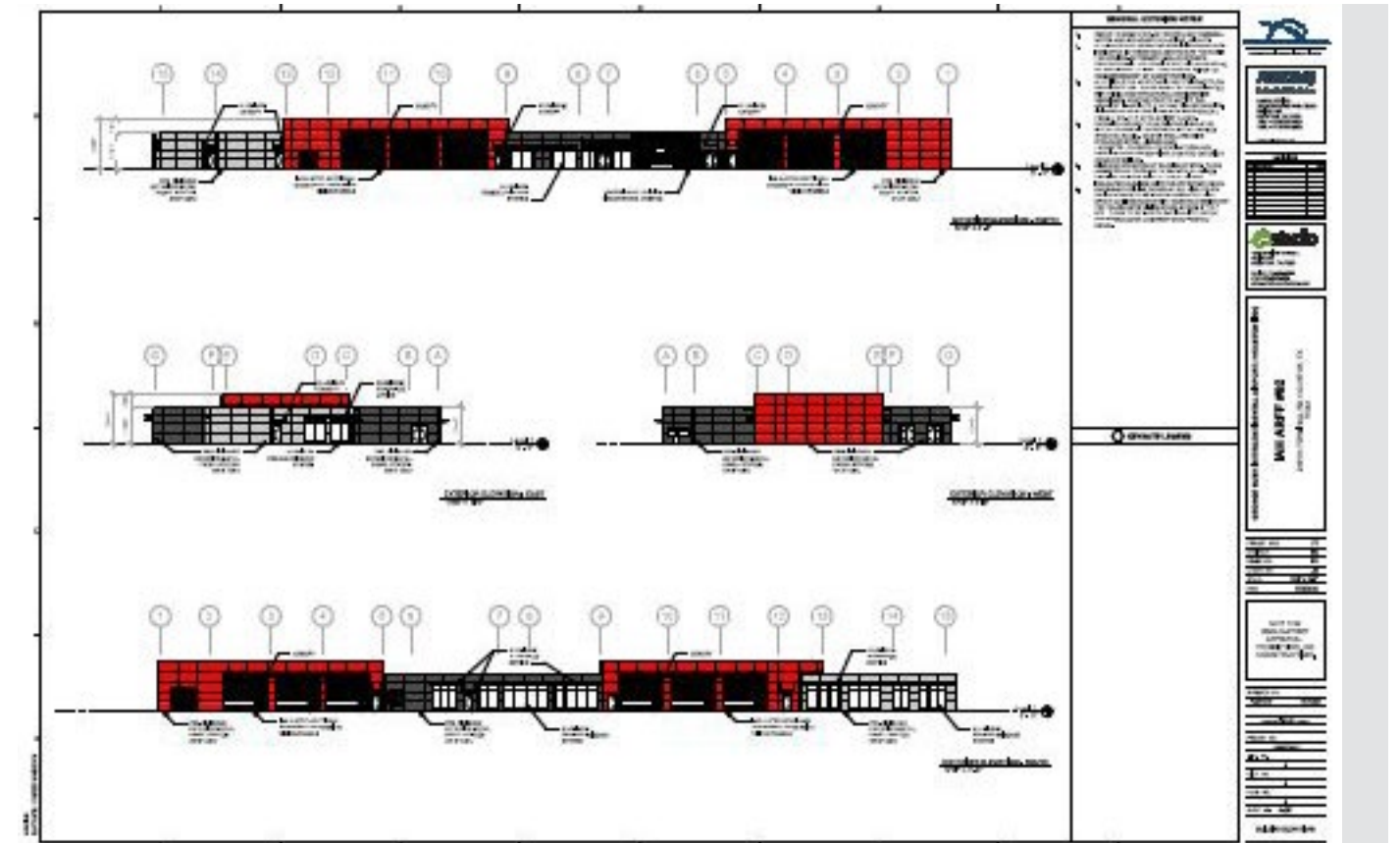
ATKINS

George Bush Intercontinental Airport

George Bush Intercontinental Airport Airfield Rescue and Fire Fighting (ARFF) Facility

Houston, TX

Atkins is the providing architectural and civil engineering services for the design of a 6 bay 27,000 square foot Airfield Rescue and Firefighting Facility (ARFF) directly adjacent to the active taxiway at Houston Intercontinental Airport. The facility also houses an attached fire department administration building. Atkins was challenged with a redesign of earlier 30% Bridging Documents for an ARFF that was \$5m over budget. Through careful analysis the team observed the two story station required as much square footage in circulation to get to the second floor as was useable space on the second floor. By changing the design to one story, the \$5m in savings was achieved and with a superior Fire Station layout.



ATKINS



Louis Armstrong New Orleans International Airport (MSY)

New North Terminal: Louis Armstrong New Orleans International Airport

Kenner, LA

In recent years, MSY has seen a dramatic recovery from the significant underutilization in the wake of Hurricane Katrina. When 2010 enplanements reached 90 percent of pre-Katrina levels, the airport turned its focus from recovery to long-term infrastructure development based on a 30-year planning horizon. In 2012, the City of New Orleans and New Orleans Aviation Board (NOAB) selected Atkins to oversee the airport's return to a world-class facility in both form and function.

Atkins created and managed architectural and engineering solutions that demonstrated a balance between respect for the area's unique heritage and the need to develop in a way that redeclared the relevance of the airport, the City, and the region. Atkins provided a full range of professional services for the airport's long-term development including planning, programming, design, construction documents, permitting, environmental coordination, financial planning, land use evaluation, stakeholder engagement and construction administration. The initial program phase included project definition and concept design analyses, which evaluated opportunities to expand existing facilities, versus the development of new facilities. Ultimately, it was determined the optimum solution for the future of the airport would be development of a new state-of-the-art terminal on the north side of the airport complete with new landside and airside facilities. The multiphased plan included a new terminal facility with expandability to 42 gates, a new airfield apron to support the terminal, 10 RON positions, 6 miles of landside roadway for access and circulation (including an elevated roadway, a 2,500-space and 2,800 space parking garage, central utility plant, taxi building, and bluewater station. The total square footage of terminal and concourses is 975,000 square feet. The project included design of ticket counters, airport administration offices, TSA administration offices, Federal Inspection Station (FIS) and administration offices, in-line checked baggage inspection system (CBIS), and TSA security checkpoint.

The terminal architectural program also included 116 ticket counters, airport administration offices, TSA offices, a 17 lane consolidated TSA security checkpoint, a US Customs bags first FIS and administration offices, CBIS in-line baggage system, baggage make-up, baggage claim, security office, administrative offices for the airline consortium, hold rooms, restroom. Atkins also wrote the innovative Concession Design Manual and was the design manager overseeing the designs of four concession development teams. The project was performed in a fast track environment using the latest in project management software. Atkins managed a team of more than twenty consultants and performed architecture, landscape architecture, landside and airside civil and electrical engineering, underground utilities, aviation planning, and drainage design.

QUANTUM

Tampa International Airport (TPA)

Palm Beach International Airport Switchgear NPDS Replacement

Tampa, FL



Quantum Electrical Engineering, Inc. is currently in the design process of the Switchgear "NPDS" Replacement project at Palm Beach International Airport. The project not only includes the replacement of 13.2kV Switchgear "NPDS", but also the replacement of the Main FPL Switchgear, Substation "B" and Substation "C" normal power systems. The project will be constructed by a Construction Manager at Risk (CMAR) and Quantum is coordinating with the selected CMAR to finalize the design documents.

The following elements are included in the design:

- The design of new outdoor weather resistant switchgear with two incoming main switches and three outgoing feeder switches along with new 13.2kV medium voltage primary service conductors between FP&L Vault Building and new "Main Substation" along with new feeders.
- The replacement of existing Switchgear "NPDS", located in the Terminal Main Electrical Room. Includes new switchgear with a main-tie-main configuration and thirteen (13) medium voltage feeder breakers.
- The replacement of existing Substation "B", including new main-tie-main substation with two 13.2kV:480Y/277V stepdown transformers, two 13.2kV load break switches and 480V draw-out distribution breakers along with new feeders.
- The replacement of existing Substation "C", including new main-tie-main substation with two 13.2kV:480Y/277V stepdown transformers, two 13.2kV load break switches and 480V draw-out distribution breakers along with new feeders.
- Includes design of extensive phasing and extensive temporary wiring and temporary equipment/power systems to maintain operations of Main Terminal, Concourses, Revenue Building, and Parking Garages during construction.

Tampa International Airport (TPA)

Palm Beach International Airport PCA and 400Hz GPU Point Of Use Systems

Tampa, FL

Quantum Electrical Engineering, Inc. is currently in the design process of the project to replace the existing central 400 Hz system in Concourses B and C at Palm Beach International Airport. The project will also include the installation of point of use, standalone Pre-Conditioned Air units and the removal of the existing central glycol plant and piping distribution network while maintaining operation to the gates.

The following elements are included in the design:

- The electrical demolition of the existing 400Hz Central Plants in Concourse B and Concourse C. Including the demolition of twenty-eight boarding bridges 400Hz connect boxes, four centralized 400Hz Units, four 400Hz distribution switchboards and associated conduit and conductor systems.
- The electrical demolition of the existing Cabin Air Central Plant (Glycol Plant) in Concourse C and cabin air distribution systems in Concourse B and Concourse C.
- The design of new Pre-Conditioned Air and Ground Power Unit point of use systems and associated electrical distribution systems for 28 boarding bridges (gates). The design includes four new main-tie-main switchboards, new lighting/conventional power systems within existing 400Hz Electrical Rooms in Concourse B and Concourse C and new conduit and conductor systems.

ECO PRESERVE

*GBAC STAR Accreditation***Amyway Center and Camping World Stadium***Orlando, FL*

After the 2020 pandemic caused events to be cancelled and venue doors to be locked, the City of Orlando looked beyond deep cleaning and phased reopening. The 875,000 square-foot Amway Center and the 65,000-seat Camping World Stadium would first achieve an internationally recognized certification for minimizing infectious disease hazards.

The Global Biorisk Advisory Council (GBAC) has set the standard for infectious disease prevention in public and commercial buildings. That standard, GBAC STAR Accreditation, requires enhanced cleaning protocols, hospital-proven disinfection techniques, and best operational practices for disease prevention and response.

ecoPreserve lead the certification of Orlando's largest sports venues while providing technical guidance and efficiently handling communications with the GBAC organization. They submitted all 20 required elements to the GBAC Review Committee along with detailed documented evidence. Through this collaborative effort, both vital certifications have been achieved. Even during the pandemic, adherence to GBAC STAR protocols enables the sporting events to responsibly continue.

CRJ

*Miami International Airport (MIA)***Taxiway R, S, and T Rehabilitation, Extension and Relocation Construction Management Services – MDAD Project P256A***Miami-Dade County, FL*

CRJ's Marc Fermanian, P.E. served MDAD as the Resident Project Representative (RPR) Lead Engineer for MDAD's Construction Inspection Services (CIS) Team and has been working on the Project since the Notice to Proceed (NTP) was issued on Monday, March 5, 2018. Mr. Fermanian was specifically selected for this role by MDAD and the Prime Consultant; their choice of utilizing Marc exemplifies CRJ's aptitude for aviation construction management. The goal of the Project was to increase cargo capacity while keeping both cargo and passenger carriers operational. With all participants fully vested in the goal, Marc's leadership and work ethic kept the CIS Team motivated, focused, and diligent in serving MDAD.



Overall, the project has been one of the most challenging efforts CRJ has faced in the Aviation-Construction Industry. The Project took place through the COVID-19 Pandemic which placed a strain on all stakeholders. Marc was granted an Essential Worker's permit that, according to U.S. Department of Homeland Security's definition: critical workers are those essential to continue critical infrastructure operations. The FAA and Homeland Security listed the Project as a critical infrastructure operation, and the project has continued through the Pandemic.

WALTER P MOORE

*Orlando International Airport***South Terminal Parking Garage C***Orlando, FL*

Facing overloaded garages at the North Terminal, the airport needed a clean, simple, efficient and flexible design that would: maximize parking efficiency; integrate with future railway and rental car companies; and utilize sustainable wayfinding technology. Walter P Moore provided functional design services for the cast-in-place parking garage that is connected to the South Terminal via the new Automated People Mover.

This garage presented a couple of unique challenges as it was only the first phase of what will be a two phase, unified garage. Added complexity resulted from the overall design of the South Terminal called for train drop off locations to be located on the 3rd and 5th floors of the first garage. This single ramping system, therefore, needed to efficiently serve two garages and the train drop off locations.

Our parking designers ultimately landed on a square-double helix design (or "squeelix") to feed the future phase and provide a combination of efficiency and maximum traffic flow in the initial phase. The helix ramp design is a quick way to traverse each level of the garage without having to pass by parking spaces. This helped to satisfy frequent traffic activity between airport parkers and train users and was designed to be outside the footprint of the main portion of the garage, thus allowing it to work seamlessly with the second phase of the garage.

WALTER P MOORE



McCarran International Airport

Terminal 3 Threat & Vulnerability Mitigation

Las Vegas, Nevada

McCarran International Airport is the 8th busiest airport in the world measured by aircraft movements serving over 47 million passengers and moving 223 million tons of cargo per year. This 14-gate International Terminal was one of the largest new terminals constructed post 9/11. Walter P Moore's Secure Design and Structural Engineering team worked closely with the airport to design hardening for the terminal, which was closely integrated within the building's architecture.

Walter P Moore's secure design services began with a threat and vulnerability assessment to determine appropriate threats and design goals, including desired level of protection. The results of the review of explosive threats and terminal vulnerabilities were presented to the owner along with recommendations for appropriate threat mitigation measures. In close coordination with the owner and the design team, design basis threats, level of protection, and mitigation concepts were determined for the new terminal. The building structure and envelope were then designed and detailed to provide the required level of protection.

Exterior glazing systems were designed for blast resistance based on performance specifications prepared by Walter P Moore. Building columns with limited available standoff were hardened and protected with concrete encasement. Steel trusses were designed for the support of large glazed curtainwalls and skylights when subjected to blast loading. Other blast resistant envelope components included cold formed framing systems with strengthened connections and metal panel designed to limit hazardous debris during blast events. Standoff was enforced at exterior roadways using a combination of barrier types, including bollards design to resist a ramming vehicle threat.

The facility functions as a stand-alone terminal comprised of 14 gates and is almost a half mile long. Due to the seismic volatility of the area and its length, the terminal building was divided into six segments using isolation joints. The project also included an underground ATS Station integral with the Terminal 3 structure and an ATS Tunnel to connect passengers from the new Terminal 3 to the existing 26 gates in Satellite D and a people mover system connects it to Concourse D. A new central plant was connected to the terminal using a quarter mile long Utilidor tunnel.



Ft. Lauderdale-Hollywood International Airport (FLL)

Ft. Lauderdale Runway 10R-28L Expansion Program

Fort Lauderdale, FL



As part of the airport expansion program at FLL, Broward County selected Atkins as the lead designer responsible for the expansion of Runway 10R-28L (formerly Runway 9R-27L)

and associated taxiways. Atkins led 16 specialized and local teammates and provided the project manager/engineer-of-record for the \$800 million expansion.

The new runway, which replaced the 5,300-foot Runway 9R-27L, is 8,000 feet by 150 feet and located slightly south of the existing runway. Along with a full-length parallel Taxiway J to the north, the runway extends over the existing Florida East Coast (FEC) Railroad and US Highway 1. Since Runway 9R-27L and new Taxiway J extend over the existing airport perimeter road, FEC Railroad, and US Highway 1, the new runway and parallel taxiway were constructed on an elevated bridge/tunnel structure. These structures were delivered by design-build methodology, with Atkins preparing the design-criteria package. The runway expansion was designed and contracted in four bid packages and one design-build package.

In addition to design and management aspects, Atkins performed coordination for this runway/taxiway, including:

- Delivery of South Florida Water Management District stormwater permit
- NAVAID access roads and ductbanks.
- Coordination of all FAA NAVAIDs.
- Addition of runway status lights.
- Engineered material arresting systems.
- Final program landscape plan.
- Earthwork management plan.

Atkins' design responsibilities included:

- Demolition of existing airfield pavements and facilities.
- Runway 9R Runway 27L hold pads.
- Full-length inner parallel taxiway and partial-length outer parallel taxiway.
- Dual crossfield taxiways and south portion of third crossfield taxiway.
- Airfield north and south aircraft sequencing pads.
- Partial decommissioning of Taxiways D and E and full decommissioning of Runway 13-31.
- Stormwater drainage and detention.
- Runway and taxiway lighting, signage, and pavement markings.
- Temporary and permanent erosion control measures.
- Mechanically stabilized earth wall retaining structure.
- Security fencing.

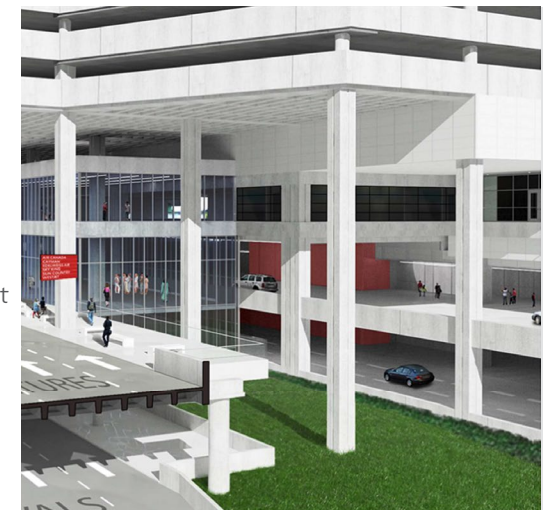
H2R

Tampa International Airport (TPA)

Main Terminal Curbside Expansion Project

Tampa, FL

H2R is providing subsurface exploration, foundation design, and geotechnical engineering for this challenging project to be founded in and above the Tampa Limestone (karst) Formation. TPA's Main Terminal Curbside Expansion Program includes the replacement and expansion of the curbsides, new approach and exit bridges, new elevated and at-grade lanes, a new Central Utility Plant, and new vertical circulation buildings. The vertical circulation buildings will accommodate express passenger drop off/pick up and include conditioned lobbies to provide a means for passengers to access the main terminal via elevators and escalators from the new lanes. The work will also include appropriate roadway and terminal signage and other associated work to enable vehicle and passenger use of the curbsides, vertical circulation buildings, and existing curbsides during construction. These upgrades will further enhance the customer experience at Tampa International Airport. The Main Terminal Curbside Expansion Program is scheduled for completion in 2023.



TURNER & TOWNSEND

Heathrow Airport

Expansion Program

Longford TW6, United Kingdom

Client Challenge

In October 2016, the UK Government announced that Heathrow Airport is its preferred option to deliver a new runway in the South East of England. The project Heathrow's expansion programme is focused on creating a world class, sustainable hub airport which is commercially attractive to both Heathrow's shareholders and the airlines. It will be tasked with developing a skilled, nationwide supply chain that can expand the airport on-time, on-budget, to world-class standards whilst spreading the benefits right across the country.

How we added value

- Our role on expansion began in 2014 supporting the consenting, economic and deliverability case for expansion. In 2016, we were appointed as one of Heathrow's four Programme Client Partners (PCP) for expansion. The PCP were tasked with ensuring the programme is delivered to the highest industry standards in planning, innovation and quality and involved mobilising over 200 staff to support the expansion programme
- We used a 100-day Goal Directed Action Plan (GDAP) to manage an effective, on-time mobilisation and digital systems and management systems. With four consultants working together, this approach created clear lines of communication, responsibility and reporting and a simple but effective reporting tool to track progress and identify blockers.
- We worked as integrated members of Heathrow's team and have:
- Helped to improve the affordability of the airport through our commercial leadership and estimating service which is helping to challenge and inform option selections.
- Lead the commercial property requirements for the programme, which includes the relocation of major businesses to facilitate the delivery schedule, the acquisition of property interests and developing propositions for the off-airport masterplan.
- Co-developing the delivery model ("the HEP Way"). We undertook a study of all corporate strategic material and programme ambition documents, identifying priorities and objectives. We conducted a series of facilitated workshops using our suite of tools to balance priorities and objectives with delivery challenges.
- Established 24 KPIs covering statutory compliance, requirements and Heathrow-specific performance measures. This included linking KPI performance to work-planning activities to drive adherence.
- To monitor and control cost vs. schedule and performance, we maintained and reported on the baseline for the capital programme. We worked with Heathrow to develop a month end data set to highlight the final position of all projects for that month that can in turn be rolled up to provide a programme and then a portfolio level view, aiding their effective decision to support a new PMO toolkit and associated ways of working to further automate processes. This is supported by deployment of bespoke cost and risk management tools and building a data environment to consolidate and automate reports.
- Use of Primavera P6 and Smartsheets, to identify scheduling efficiencies and opportunities. This approach improved the speed at which schedule changes are identified, reported and responded to, significantly reducing the administrative effort required by over one full-time equivalent per month.
- Implemented an integrated schedule. We input data into the risk and opportunity register for each workstream, automatically populating monthly status reports. This provided significant savings across the programme – approximately 2,800 hours per year – equivalent to 350 eight-hour working days. We created the baseline and matured it through development of the purple book which we led through the various stakeholders including the regulator
- Developed our integration with their PMO, reinforcing continuity between teams and configuring systems to integrate data and workflows. The team was fully integrated into Heathrow's business-as-usual, and we acted as a test bed to introduce new ways of working. These innovations benefited the wider Heathrow business, including how they worked, and drove intelligence-led change.
- Developed a Project Information System (PIS), with a dedicated rapid action team. The PIS became the focal point of all induction and communication processes as well as a link to all governance, processes and tools. Building the site early allowed us to collect data efficiently from a single source of truth.



PROGRAM CONTROLS



Miami International Airport (MIA)

North Terminal Development Program

Miami, FL



The NTD is a \$3 Billion (3.8 million square feet) expansion and renovation of the Miami International Airport transforming Concourses A, B, C, D and E into a state of the art 1.3-mile long linear terminal. This extremely large and complex program was divided into more than 25 major projects as it was unfeasible to assign it to just one design or construction company. Proper interfacing of the projects and maintaining a fully operational terminal while under construction were some of the biggest challenges facing execution.

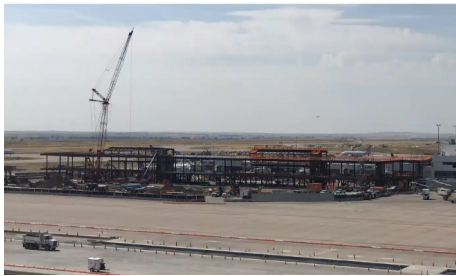
PCI was responsible for all program controls functions related to the overall program management. For all projects at MIA, our scope of services has included:

- Budget and Cost Controls (track, monitor and report on program budget, project costs, variances and forecasts)
- Scheduling (program schedule, baselines, review of cost-loaded monthly updates, claims review and support and propose recovery plans)
- Contract Administration (contract compliance and changes, progress reviews, submittals and close-out)
- Change Management (board meetings, change logs, review of cost and time impacts, negotiations, and issuance of change orders)
- Estimating (price new and change work, quantify direct and indirect costs, and value analysis)

PROGRAM CONTROLS



Denver International Airport
Concorse Expansion Program
Denver, CO



The Phase I of DEN's \$1.5B Gate Expansion Program will build 39 new gates, increasing gate capacity at the airport by 30%. Each of DEN's three existing concourses (A,B and C) are being expanded as part of the Gate Expansion Program allowing airlines an opportunity to grow and for DEN to accommodate new airlines, including international carriers.

Concourse B-East Expansion Project: Newly constructed narrow body gates plus 5 regional gates and 12 new holdrooms totaling 126,000 sq. ft. New gates will replace dedicated smaller regional size gates with standard size concourse gates that can be used for both regional and mainline aircraft. 6,000 sq. ft. of new concession space.

Concourse C-East Expansion Project: 16 new gates, 20 holdrooms (waiting areas at gates) and support space totaling 539,028 square feet of new space, newly constructed outdoor deck will provide views of the prairie and will feature a pet relief area, outdoor seating and fire pits for ambiance. 30,000 sq. ft. of concessions.

Program Controls, Inc. (PCI) is responsible for the review and negotiations of Contractor Change Request and Claims for all disciplines including civil, structural, and architectural change orders. Also, PCI is providing conceptual estimates for future projects.

TURNER & TOWNSEND

Schiphol Airport
Schiphol Airport
Schiphol, Netherlands



Schiphol Airport has embarked on an ambitious renewal and renovation program which, when complete, will increase capacity by 20m passenger per annum. The program is intended to support Schiphol's ambition to become 'Europe's preferred Hub ' and the world's most sustainable airport. Their program includes a new pier and terminal facility, new aprons and an associated taxiway, replacement and increased parking capacity and improved landside access to the new terminal and a baggage and distribution basement.

As Schiphol's trusted delivery partner, we provide a combination of local market knowledge and global aviation best practice to manage all commercial and controls aspects of this complex program. Our role includes:

- Pre-contract commercial advisory including shaping the procurement and delivery strategy for the program.
- Post contract - cost management and commercial assurance management in addition to risk management and program scheduling. We brought rigour and active management of schedule, cost and risk, by creating an effective operating model for the program
- Project control - acting as Schiphol's reporting function, preparing all reports for the Boards and Committees which have oversight of the program, providing a single source of the truth.

We have also conducted a review of the Capital Program to develop an Operating Model which would allow the organization to transform from an operating to a capital delivery group. This included providing change management support.

CRJ

Fort Lauderdale Executive Airport (FLL)
Fort Lauderdale Executive Airport Airfield Lighting Rehabilitation
Fort Lauderdale, FL

This project included the replacement of:

- Airfield Taxiway and Runway Quartz Edge Lights with LED Edge Lights
- PAPIs
- REILs
- Wind Cones
- Light Beacon
- Cabling
- Conduits
- Base cans
- Airfield Lighting Arrestor System
- Modifications to an electrical vault

CRJ was hired to perform Resident Project Representative Services, ensuring that the proper procedures are followed, and materials are used, and that the Contractor follows the plans and specifications. The CRJ Inspector was responsible for documenting the Contractors daily work, tracking, and recording quantities, assisting with field testing, reviewing change order and schedule monitoring.

ARGUS

*Ft. Lauderdale-Hollywood International Airport (FLL)***Ft. Lauderdale-Hollywood International Airport***Fort Lauderdale, FL*

The Ft. Lauderdale Fuel Facilities consortium retained Argus Consulting to conduct an engineering study of the airport fueling facilities at Ft. Lauderdale Hollywood International Airport and prepare a Master Plan document. Argus assessed the existing Fuel Storage Facility, which was built in 1984, and recommended improvements and modifications to update the system's efficiency and operations to serve the airport's needs for the next 30 years. Each of the major components of the facility were evaluated including four 27,000 BBL tanks, incoming pipelines, filtration, hydrant pumps and filters, loading stations, an operations and maintenance building, and the fire protection system.

The Master Plan document was used to establish the scope of work that was included in a Request for Proposal for design and established the overall program budget. The project included adding two additional bulk storage tanks, a new Operations Building, new Control System, two additional hydrant system pumps, upgrades to the existing receipt filtration system, increased dike storage capacity, and other miscellaneous facility improvements. The design program was competitively bid to multiple engineering firms and ultimately awarded to Argus.

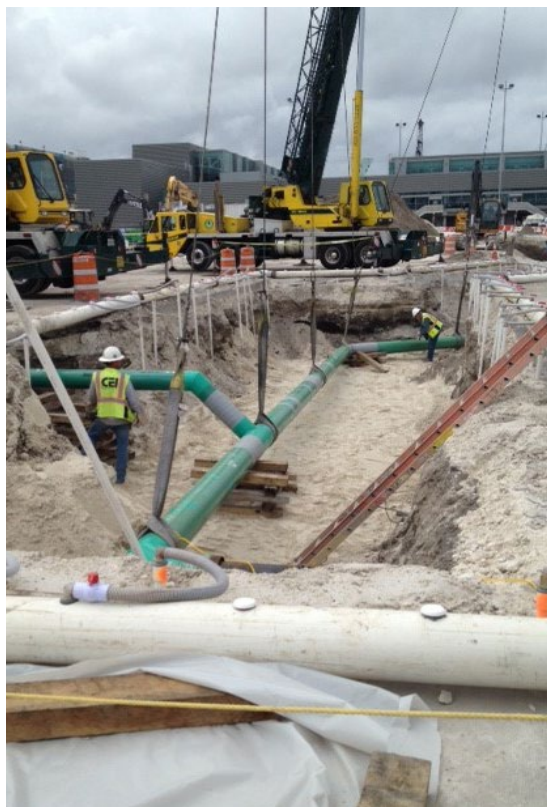
*Ft. Lauderdale-Hollywood International Airport (FLL)***Fuel Storage Facility Engineering Study and Master Plan***Fort Lauderdale, FL*

Argus Consulting provided fuel system design services and construction oversight of the hydrant fueling system expansion to serve Southwest Airlines' new International Terminal. This project included design of the new five gate hydrant system with double wall piping, relocation of hydrant pits at four existing gates to accommodate the new Terminal, construction of a new isolation valve vault, modifications to the existing interstitial leak detection monitoring system, and a new Emergency Fuel Shut Off system with buttons at each of the five new gates.

To support the new concourse, the design included tying in at least one fuel lateral and a new molded fiberglass pit assembly at each of the five new aircraft parking positions. Installation of new hydrant pits and laterals included excavation for new lateral and tie-in to the existing fuel main, backfill and compaction up to the bottom of the pavement and subgrade section.

New EFSO stations were provided at each of the five Concourse A aircraft parking positions. The new EFSO stations were connected to a new fire station style panel located within the new Concourse that is compatible with the other terminal EFSO panels.

With the expansion of Concourse B to accommodate improvements to the interior of the building, this project also included reconfiguring the aircraft parking positions at several gates and relocating six hydrant pits around the concourse.



RICONDO

*Fort Lauderdale-Hollywood International and North Perry Airports***Airport Planning Consultant Services***Fort Lauderdale, FL*

In 2015, the Broward County Aviation Department (BCAD) selected a team of consultants led by Ricondo to provide on-call airport planning services for Fort Lauderdale-Hollywood International (FLL) and North Perry (HWO) Airports. These services cover a broad range of disciplines, including operational evaluations, facilities and infrastructure planning and programming, airfield and airspace analyses, simulation and modeling, financial and business planning, environmental processing, and staff extension services.

The Ricondo Team has conducted several airfield and airspace planning studies at FLL. In 2019, BCAD reconstructed the airfield pavements associated with Runway 10L-28R and its associated taxiways. In support of this, Ricondo conducted the Airfield Pavement Geometry and Operational Assessment, and the subsequent Vulnerability Study, to identify potential measures that would minimize the operational impacts during construction. In 2017, Ricondo prepared a Program Definition Document (PDD) for the North Runway Obstruction Mitigation Program at FLL. The PDD identified over 700 vegetation obstructions to be removed or trimmed to ensure the protection of the terminal airspace. Ricondo also evaluated the planned expansion at Port Everglades, which is adjacent to FLL. Through consultation with the Port and signatory airlines, the study ensured the Port's proposed development would not have an adverse impact on aircraft operations at FLL.

Ricondo has also conducted advanced planning for a remote concourse immediately east of Terminal 4 and is currently in the process of finalizing a Program Definition Document (PDD) for the new terminal. Ricondo is also preparing a PDD for the Airports landside Automated People Mover. In addition to providing five additional widebody gates, the reconfiguration of the terminal apron is anticipated to yield eight additional remote aircraft parking positions.

Additionally, Ricondo has prepared feasibility studies in support of bond issuances for the BCAD's capital improvement programs, as well as supported BCAD with the procurement of a new rental car concessions agreement. Ricondo also provides staff-extension services on a continuous basis, including updates to the airport layout plans for both airports, a height-zoning study, and NAVAID siting studies.

LEA + ELLIOTT

Miami Central Station (MIC) Station & Rail Corridor Activation Miami, FL

Rail connection was the final piece of the Miami Intermodal Center (MIC), a transportation hub. This phase of the project included constructing a new Miami Central Station for Amtrak and Tri-Rail and re-construction of the track from the South Florida Rail Corridor mainline to the station so that Amtrak and Tri-Rail can reach their destination to Miami at this new station.

Lea+Elliott supported FDOT District 4 for project management functions related to coordination between various stakeholders for construction and installation of the tracks, signal, dispatch and interfaces (construction undertaken by FDOT District. 6). Lea+Elliott also managed the preparation for the commencement of service by SFRTA in coordination with CSXT and Amtrak (tenant railroads) for operations and dispatch and compliance with FRA requirements. The critical coordination items included schedule, PTC compliance required by RSIA08, preparation of checklist for timely completion of safety certification by SFRTA and submittal of FRA required documents for commencement of service. FDOT is the owner of the tracks and FDOT District 4 manages the assets of the corridor.



Ft. Lauderdale-Hollywood International Airport (FLL) Port Everglades APM and Intermodal Center Project (Broward County SunPort Project)

Fort Lauderdale, FL

Lea+Elliott led the team that evaluated and assessed the feasibility of the IMC and APM and advanced the project by conducting a Project Development and Environment (PD&E) Study. The Feasibility Study included concept level technical evaluation of alternatives to identify any "fatal flaws" that would prevent that alternative from moving forward for further evaluation in the PD&E Phase of the project and a financial feasibility analysis of the viable alternatives.

Alternatives generated included transit system configurations that provided a connection between the Airport, the Seaport and to regional transit modes through the Intermodal Center. The selected Locally Preferred Alternative (LPA) was completed as part of PD&E and Environmental Assessment was prepared. The LPA addressed landside access congestion at the two ports and on the access roadway network that also carries bulk cargo/freight and petroleum truck traffic from the regionally significant Port Everglades in addition to passenger traffic to the Airport and the multi-day cruise terminals at Port Everglades.



MILLER LEGG

City of Fort Lauderdale Executive Airport (FXE) Airport Planning Consultant Services

Fort Lauderdale, FL

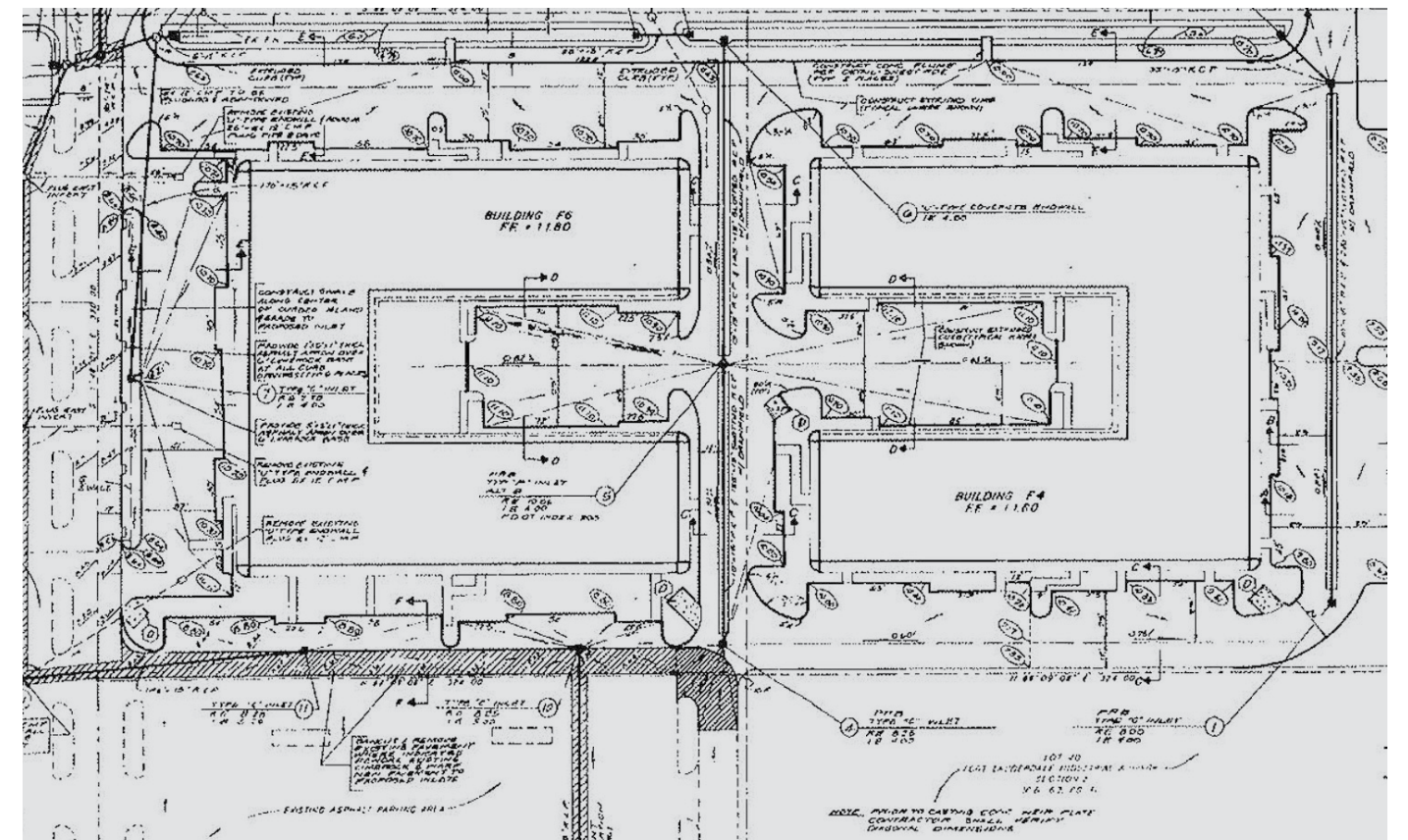
As a result of our Environmental Continuing Services contract with the City of Fort Lauderdale, Miller Legg is familiar with airport property that contains related office space which is leased and operated by private developments. While the airfield is the key to the operations, the drainage analysis and regulatory agencies will review the larger ownership of Fort Lauderdale Executive Airport (FXE) for compliance and analysis.

Miller Legg has been actively involved in the review of the undeveloped but permitted sites for Parcels B, C, and D. The knowledge of these sites is important to understand that the existing undeveloped conditions differ from what has been designed and permitted.

Furthermore, our involvement in review of the permits and subsequent proposals to potentially modify or alter the permits, allows us to know how the drainage characteristics may be affected. We also actively monitor pending rule changes from federal and state agencies, relating to water quality treatment, that could affect or modify future development plans as the drainage or treatment requirements will be changing.

Miller Legg has worked closely with FXE Airport Management on the review and development order conditions and permit restrictions associated with these undeveloped and permitted parcels.

In addition, our Certified Arborists have performed tree inventories, as well as our Biologists performing gopher tortoise surveys and other wildlife assessments.



B. COLLABORATION THROUGH TECHNOLOGY

The EXP Team has a diverse array of skilled staff, who deliver projects using the latest Building Information Modeling software tools and collaboration workflows to provide the most efficient and valuable product to Clients. We utilize various model authoring tools such as Autodesk Revit, Civil3D, and others to deliver highly accurate and geo-located digital models and drawing sets that serve to create a Digital Twin of the project. And have extensive experience delivering Cloud hosted projects on Common Data Environments (CDE), utilizing platforms such as Autodesk BIM360, Bentley ProjectWise, Procore, and others.

By engaging with contractors and our design partners in highly integrated BIM execution and strategy, we can embellish the cloud digital models with extended attributes to enhance the project delivery. This kind of deeply coordinated workflow is ideal to accelerate tasks such as trade coordination, material takeoffs, value engineering, and project schedule with the data being consumed by products such as Autodesk Assemble. Contractors and their subcontractors can generate material quantities, pricing and bid information much earlier in the process because of our use of technologies. Additional to typical digital delivery, other technologies we highly engage with are 3D Printing, Virtual Reality experiences, drone data capturing, laser scanning and 360° camera surveys.

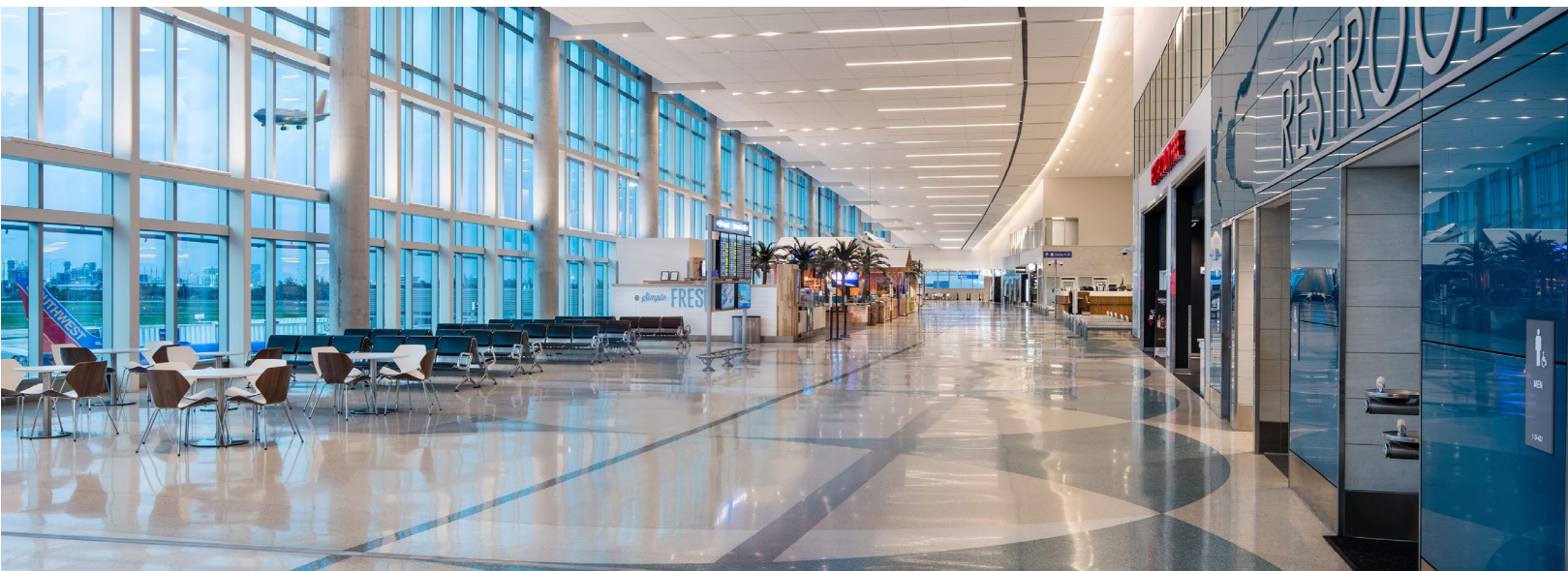
Coupled with these highly collaborative environments, our staff is equipped with field tablets and mobile apps for paperless activities such as construction administration, progress tracking, or condition surveys.



The project scope was developed from initial project goals, formal programmatic requirements and aesthetic expectations.



By engaging with Owners, our Design Partners, and contractors in highly integrated BIM execution and strategy, we can embellish the cloud digital models with extended attributes to enhance the project delivery.



The final completed project is proof of this process, as the final product visually matched the BIM model throughout the life of the project.

C. EXP TEAM PERMITTING PROWLESS

The EXP Team works on projects across North America and throughout the State of Florida. Together we submit hundreds of projects, for every discipline, for permit every year and understand that a critical early step on every project is to understand the permitting requirements. The permitting process within Broward County is complex and a design team needs to understand the coordination between departments and the delegation of authority between agencies. **Our Broward County based professionals understand the requirements of the Florida Building Code, South Water Management District (SFWMD), Broward County Environmental Protection and Growth Management Department (BCEPGMD), Broward County Water and Wastewater Services (BCWWS), Florida Department of Environmental Protection (FDEP), and Miami-Dade Notice of Acceptance (NOA) requirements.**

Whether projects include new building construction, additions/expansions, interior alterations, or site preparation and infrastructure the EXP Team can facilitate the approval process through BCEPGMD. The EXP Team has directly engaged with BCEPGMD for:

- Development Review (Transportation Concurrency)
- Environmental Review
- Storage Tank Licensing
- Contaminated Sites
- Environmental Resource Permitting as delegated by the SFWMD and FDEP to BCEPGMD
- Surface Water Management
- Hazardous Material Licensing
- Tree Removal/Protection Licensing
- Dewatering
- Asbestos Statement of Responsibilities



The EXP Team will also work with the Broward County Aviation Department to ensure that a Notice of Commencement is recorded for every project. The EXP Team's Specialty Services Group includes subconsultant partners responsible for the Fort Lauderdale-Hollywood International Airport Terminal 3 Hydrant Fueling Modifications and Tank Farm Expansion design and construction inspection services of the Terminal 4 Hydrant Fueling System Expansion. Coordination with the FDEP for approval of an Alternate Test Plan for turnover of fuel line segments was required for the project. **Additionally, the EXP Team's Core Design Group has been responsible for hundreds of Environmental Resource Permits, Master Dewatering Permits, and Water Use Permits through the South Florida Water Management District.**

The EXP Team is also well versed in obtaining BCWWS Utility Connection Permits via the established four-part process:

- Application for Plan Review – The EXP Team's water/wastewater plans will be prepared in accordance with BCWWS' Design and Construction Standards and will coordinate with the Broward County Aviation Department to process the Statement of Charges once the plans are approved.
- Application for Connection Construction – The EXP Team will coordinate this process with the submittal of our plans to BCEPGMD's Building Code Services Division to ensure that both permitting processes are completed in parallel.
- Connection Construction Approval – BCWWS' permission to proceed with construction. The EXP Team will remain engaged during construction and will coordinate with BCWW's inspectors during construction for tracking of progress.
- Release for Service – Our Team will prepare Record Drawings based on contractor provided as-builts and will facilitate the approval of the underground utility portion of each project with the Broward County Building Code Services Division.
- Florida Department of Health and, because of the location of the Fort Lauderdale-Hollywood International Airport, City of Hollywood acceptance of each project will also be obtained as part of the Application for Release for Services to BCWWS.

In addition to bringing a clear understanding of local permit requirements, **it is our standard practice to schedule regular meetings with the Authorities Having Jurisdiction** to ensure they are aware of the project scope and timing, and to get their input on critical issues that affect permitting at the start of design. If left unchecked, already complex and multidiscipline projects may suffer from significant changes due to perceived scope creep dictated by the Building Department. These issues are easily avoidable with early and frequent meetings and discussions with Plan Reviewers to address their concerns and answering their questions. **These pre-application meetings and design-charrettes further ensure that project scope is well defined, and that Construction Cost Estimates prepared by the team are reflective of real costs from the construction market.**

D. CONSTRUCTION PHASE SERVICES

Administration, Inspection, and Management of Construction | The EXP Team’s integrated capabilities continue through the construction and closeout phases of each project. Our Team brings a deep and diverse skill set that will benefit the Broward County Aviation Department during implementation and execution of its projects. Not only has every member of the EXP Team provided similar services in active airport environments, but a **majority of the EXP Team has provided construction phase services directly to the Fort Lauderdale-Hollywood International Airport**. Our team is also scalable to take on all of the construction administration, inspection, and management needs of the Broward County Aviation Department’s Capital Improvement Program. Understanding that it is the Airport’s intent to select multiple consultant teams for this contract, the EXP Team stands ready to provide construction administration, inspection, and management services for projects designed by others with professionals familiar with FLL’s and HWO’s facilities to ensure accurate tracking and transparency.

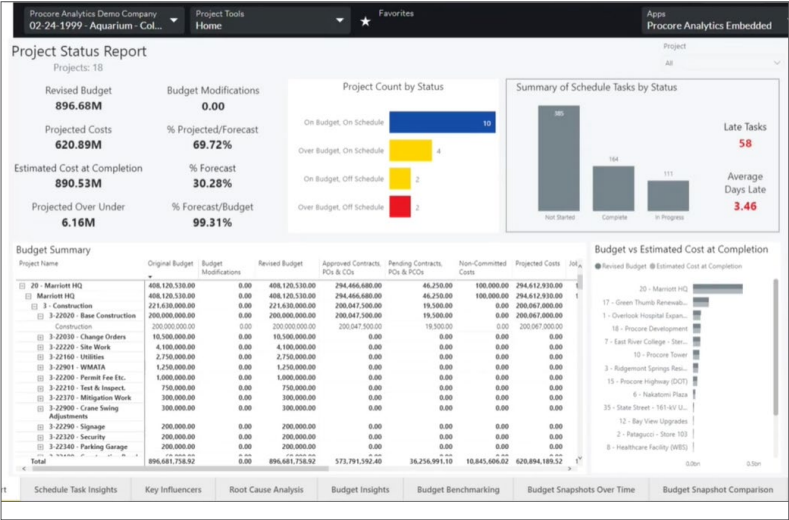
During construction administration services, we establish a straightforward alert system that keeps EXP and its subconsultant partners ahead of schedule. A single point of contact serves at the Construction Administration Manager tracking each Request for Information, Shop Drawing, and/or Substitution Request as it is received. As documents are logged in, a response due date is automatically established and alerts are sent to Respondents at pre-established intervals. While Broward County’s Standard Construction Contract Form (BCF#170) establishes response times for Request for Information and Shop Drawings at 7 and 21 days; respectively, **our internal processes shorten those durations to 2 and 7 days. This ensures that responses are provided in a timely manner and that the project schedule and budget are not impacted by the EXP Team’s construction phase services.** In addition, documents that are submitted in a partial, or incomplete, manner are identified quickly and returned to the Contractor for corrections, limiting the Owner’s exposure for delay claims.

The same professionals that are involved during the design of projects remain consistent through bidding and construction phases of the project, ensuring consistency of understanding and continuity of design concept.

Owners do not benefit from Construction Inspection Services when field inspectors are engaging in the project for the first time at the start of construction. The EXP Team believes that it is critical that inspection services are provided by personnel that has “lived” the design of the project. This engagement of personnel throughout the entire life cycle of the project ensures knowledge of the decisions made during design and understanding of the design intent. The relationship of our Project Manager, Marcos J Souza, PE, PMP, with our design partners serves to enhance this level of

understandable and digestible information for non-Architectural, Engineering, and Construction stakeholders. Our vision for the processes, systems, and tools is to standardize on a platform that is reliable, expandable, repeatable, and integrated with other industry standard Technology Stacks. During construction, the EXP Team can utilize non-proprietary, highly customizable, software to connect everything on one secure cloud platform that is easily accessible by the project team and other stakeholders during the lifecycle of the project. **This allows the project to run with complete visibility and transparency, as determined by the Owner.** Since these open tools include many modules and allows easy integration with other collaborative tools and systems (ESRI, Projectwise, scheduling, accounting, BIM, document management, reporting, drawings, invoices) the communication and coordination of project items is streamlined and made more efficient. Utilization of the latest cloud-based software allows the EXP Team create a single source of truth and to turn project information into meaningful, actionable insights that help guide the decision-making process at all levels.

Our staff are trained to understand and participate in the construction process. Our construction management team has honed its skills in all areas of design, construction inspection and safety oversight, cost controls, reporting, cost estimating, change management, and scheduling with the ultimate goal of protecting the Airport’s interests and that of its stakeholders and end users. **It is our philosophy that understanding how our designs are constructed makes us better designers.**



engagement. Together they implemented a program requiring full-time on-site representation during construction administration services at the Fort Lauderdale Hollywood International Airport Terminal 4 projects.

This simple addition provided the Owner with additional representation beyond the construction managers and served to fast track the resolution of issues discovered in the field. Because the representatives were engaged during the design process, they could prepare field sketches to quickly resolve field issues.

This same approach was successfully utilized by EXP’s subconsultant partners on Fort Lauderdale International Airport’s Terminal 2 and Terminal 3 Modernization programs. For Construction Management Services, one of the key benefits of the EXP Team is that we can make our models and drawing data **easily accessible through the cloud and mobile applications, providing easily**



Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: [Exp U.S. Services Inc.](#)

Organization/Firm Name providing reference:
[Chicago Department of Aviation](#)

Contact Name: [Matt McGleam](#) Title: Project Manager Reference date: [04/15/2021](#)

Contact Email: Matthew.McGleam@cityofchicago.org Contact Phone: [773.894.3033](#)

Name of Referenced Project: [CDA | Engineering Task Order Group B \(Non-Federal\)](#)

Contract No.	Date Services Provided:	Project Amount:
26624	10/12/2012 to 04/15/2021	\$ 10,000,000.00

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

[Architecture, Structural, Civil, Mechanical, Electrical, Lighting Design, LEED Consulting, Cost Estimating, Pavement Design, Geometric, A/V, Baggage Handling](#)

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

[Great project team to work with](#)

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VENDOR REFERENCE VERIFICATION FORMS



Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Exp U.S. Services Inc.

Organization/Firm Name providing reference:
St. Louis Lambert International Airport

Contact Name: Richard Bradley Title: President, Board of Reference date: 03/17/2021

Contact Email: BradleyR@stlouis-mo.gov Contact Phone: 314.622.4143

Name of Referenced Project: St. Louis Lambert International Airport | Terminal + Concourse

Contract No. Date Services Provided: Project Amount:
P1062 07/21/2014 to \$ 33,000,000.00

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:
Architecture, Structural, Civil, Mechanical, Electrical, Plumbing

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input type="checkbox"/>	
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Exp U.S. Services Inc.

Organization/Firm Name providing reference:
Connect Chicago Alliance, JV; Program Managers for the O'Hare 21 Terminal Expansion Program

Contact Name: Ray Gooding Title: Construction Manager Reference date: 04/15/2021

Contact Email: rgooding@connectchicagojv.com Contact Phone: 312.656.1439

Name of Referenced Project: Partial Relocation of Taxiways Alpha and Bravo

Contract No. Date Services Provided: Project Amount:
64824 03/13/2018 to 04/15/2021 \$ 21,700,000.00

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:
Primarily Civil and Electrical Engineering, with Structural, Mechanical, and Architecture. Includes sustainable design, Cost Estimating, Pavement Design, Geometric design, and Construction Administration.

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>


Additional Comments: (provide on additional sheet if needed)

EXP's work on this project has been exemplary, as their plans and specifications are among the most complete and detailed we see. I highly recommend EXP due to their thoroughness, collaborative ability, creativity, and value-driven solutions.

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Gresham Smith

Organization/Firm Name providing reference:
Construction and Engineering Services, Inc.

Contact Name: Bill Manning Title: President Reference date: 04/01/2021

Contact Email: william.manning.fll@gmail.com Contact Phone: 817.917.3847

Name of Referenced Project: FLL - Terminal 1 Modernization

Contract No. Date Services Provided: Project Amount:

SWA PAR 00504 09/03/2014 to 03/01/2018 \$ 333,000,000.00

Vendor's role in Project: ☐ Prime Vendor ☒ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:
Architecture, Interior Design, Environmental Graphic Design, Structural Engineering

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Atkins North America, Inc.

Organization/Firm Name providing reference:
Lee County Port Authority

Contact Name: Hector Yanez, P.E. Title: Dept. Director Reference date: 03/19/2021

Contact Email: hyanez@flylcpa.com Contact Phone: 239-590-4605

Name of Referenced Project: RSW Terminal Expansion, General A/E Services, RAC Relocation/Exp

Contract No. Date Services Provided: Project Amount:

7548, 7780, 8250 06/23/2017 to 03/19/2021 Approx. \$17M combined fees

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:
Atkins has provided design and construction services for a number of infrastructure and facilities projects at both RSW and FMY over the past several years across multiple A/E contracts with LCPA

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

Its a pleasure to work with Atkins. Also a note regarding the date for services provided; I used today's date as end date but we are currently working with Atkins and will continue for the next few years.

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: [Ricondo & Associates, Inc.](#)

Organization/Firm Name providing reference:
[Miami Dade Aviation Department](#)

Contact Name: [Winfred So](#) Title: Airport Engineer Reference date: [03/26/2021](#)

Contact Email: wso@miami-airport.com Contact Phone: [305-876-7128](#)

Name of Referenced Project: [Aviation Consulting Services](#)

Contract No. Date Services Provided: Project Amount:

05/01/1995

to

03/26/2021

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

[Note: This project is currently ongoing.](#)


Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: [AirQuest Environmental, Inc.](#)

Organization/Firm Name providing reference:
[The Jones Payne Group, Inc. \(Consultant for BCAD\)](#)

Contact Name: [Diane Bryant Carter](#) Title: Chief Operating Officer Reference date: [03/19/2021](#)

Contact Email: dcarter@jonespayne.com Contact Phone: [617-790-3747](#)

Name of Referenced Project: [Noise Mitigation Program](#)

Contract No. Date Services Provided: Project Amount:

01/01/2010

to

11/28/2018

\$ 1,848,421.11

Vendor's role in Project: ☐ Prime Vendor ☒ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

[Environmental consulting services, including asbestos and lead-based paint surveys, abatement oversight, and clearance, in support of noise mitigation of 1,200 homes impacted by the addition of a runway at Fort Lauderdale-Hollywood International Airport.](#)

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

[AirQuest's work was critical to the delivery of the project. Their ability to work with the team to adjust deadlines and schedules ensured the project was successful.](#)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Argus Consulting

Organization/Firm Name providing reference:

Menzies Aviation

Contact Name: Victor Torres Title: General Manager Reference date: 03/19/2021

Contact Email: victor.torres@menziesaviation.com Contact Phone: 786-251-8778

Name of Referenced Project: FLL Tank Farm Expansion Project

Contract No. Date Services Provided: 11/01/2018 to Project Amount: \$ 26,000,000.00

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☐ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

Provide the design and CA services for the fuel farm expansion which includes addition of two tanks and new operations and maintenance building.

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Miller Legg & Associates, Inc.

Organization/Firm Name providing reference:

Fort Lauderdale Executive Airport (FXE)

Contact Name: Rufus James Title: Airport Manager Reference date: 03/22/2021

Contact Email: rjames@fortlauderdale.gov Contact Phone: (954) 828-4968

Name of Referenced Project: FXE Parcels B, C & D Environmental Services

Contract No. Date Services Provided: 02/13/2009 to 07/01/2014 Project Amount: \$ 479,704.00

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

Review of undeveloped but permitted sites for Parcels B, C, D - environmental permitting, environmental monitoring, tree inventories


Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: [ecoPreserve](#)

Organization/Firm Name providing reference:
[Orange County Convention Center](#)

Contact Name: [Terry Devitt](#) Title: Acting Deputy Director Reference date: [03/18/2021](#)

Contact Email: Terry.Devitt@occc.net Contact Phone: [\(407\) 685-9867](#)

Name of Referenced Project: [Orange County Convention Center Global Biorisk Advisory Council](#)

Contract No. [M00000100868](#) Date Services Provided: [05/28/2020](#) to [09/28/2020](#) Project Amount: [\\$ 15,026.00](#)

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☐ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:
[Assist OCCC pursue ISSA's Global Risk and Advisory Councils \(GBAC\) Star Certification. The program supports the development of protocols, disinfection techniques, and cleaning best practices for biohazard situations like the novel coronavirus. ecoPreserve supported OCCC in the development and submission of GBAC Star Accreditation](#)

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>


Additional Comments: (provide on additional sheet if needed)

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3/23/2021 9:05 AM p. 28 BidSyn01/1/2021 9:05 AM



Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: [Gartek Engineering](#)

Organization/Firm Name providing reference:
[Whiting-Turner](#)

Contact Name: [Ray MacKeen](#) Title: Vice-President Reference date: [03/19/2020](#)

Contact Email: Ray.MacKeen@Whiting-Turner.com Contact Phone: [954-776-0800](#)

Name of Referenced Project: [FLL Terminal 4](#)

Contract No. [RFPZ1434304P1](#) Date Services Provided: [09/21/2017](#) to [01/29/2021](#) Project Amount: [\\$ 356,041.00](#)

Vendor's role in Project: ☐ Prime Vendor ☒ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:
[Power,lighting, communications, fire alarm & security system engineering services for Terminal 4 checked baggage inspection system at the Fort Lauderdale - Hollywood International Airport, Broward County, Florida](#)

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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3/23/2021 9:05 AM p. 29 BidSyn01/1/2021 9:05 AM



Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Walters Zackria Associates, PLLC

Organization/Firm Name providing reference:
City of Coconut Creek

Contact Name: Jim Berkman Title: Director of Public Works Reference date: 03/17/2021

Contact Email: JBerkman@coconutcreek.net Contact Phone:

Name of Referenced Project:

Contract No. Date Services Provided: Project Amount:
03-19-08-10 & 08-24-16-11 07/24/2008 to 03/17/2021 \$ 1,260,261.12

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

Architectural design services for new construction and remodels, construction administration, cost estimating, and site planning.

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: GOAL Associates, Inc (Godfrey Lamptey, PE, PTOE)

Organization/Firm Name providing reference:
Miami Dade Expressway Authority (MDX)

Contact Name: Kevin Brown, P.E Title: MDX Project Manager Reference date: 03/15/2021

Contact Email: kebrown@HNTB.com Contact Phone: 305) 470-5219

Name of Referenced Project: SR 976/Bird Road Planning Study from SR 821/HEFT to SR 5/US-1

Contract No. Date Services Provided: Project Amount:
MDX Contract : RFP-10-03 07/01/2015 to 06/30/2017 \$ 228,000.00

Vendor's role in Project: ☒ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

Evaluation of multi-modal and complete street improvement alternatives along the Bird Road Corridor

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Argus Consulting

Organization/Firm Name providing reference:
Menzies Aviation

Contact Name: Victor Torres Title: General Manager Reference date: 03/19/2021
Contact Email: victor.torres@menziesaviation.com Contact Phone: 786-251-8778

Name of Referenced Project: Terminal 3 Hydrant Fuel Design

Contract No. Date Services Provided: Project Amount:
04/01/2018 to \$ 5,000,000.00

Vendor's role in Project: ☐ Prime Vendor ☒ Subconsultant/Subcontractor

Would you use this vendor again? ☐ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:
Provide the design and CA services for the Terminal 3 Hydrant System Modifications.

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: ecoPreserve

Organization/Firm Name providing reference:
Greater Orlando Aviation Authority

Contact Name: Jeff Daniels Title: Asst Dir. Maintenance Reference date: 03/17/2021
Contact Email: jdaniels@goaa.org Contact Phone: 407 825-2089

Name of Referenced Project: Continuing Sustainability and LEED Consulting Services

Contract No. Date Services Provided: Project Amount:
W325 07/25/2015 to 07/24/2020

Vendor's role in Project: ☐ Prime Vendor ☒ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:
Sustainability Planning Services, Sustainability Reporting, LEED O+M Campus Program Administration, Solid Waste Diversion Program Planning, Facility Training, Standard Operating Procedure Development

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

The staff of ecoPreserve are talented, cooperative, and extremely professional. I recommend them to whomever should have a need for their services.
Jeff Daniels

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:
PNC2120437P1, Professional Consultant Services for FLL and HWO Airports, Building Projects

Reference for: Keith and Associates, Inc., dba KEITH

Organization/Firm Name providing reference:
Holland Builders

Contact Name: John Sobol Title: Director of Construction Reference date: 03/16/2021

Contact Email: jos@hollanbuilders.com Contact Phone: 954-771-2210

Name of Referenced Project: FXE Parcel 16-C Hanger

Contract No.	Date Services Provided:	Project Amount:
	02/01/2017 to 03/01/2019	\$ 9,112.00

Vendor's role in Project: ☐ Prime Vendor ☒ Subconsultant/Subcontractor

Would you use this vendor again? ☒ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

KEITH provided surveying and civil engineering design and permitting for landside and airside site improvements for the Shellair Facility located on Parcel 16-C at the Fort Lauderdale Executive Airport (FXE). KEITH is providing surveying and conceptual engineering plans including zoning, land use designation, signage and markings, drainage inlets, conveyance pipes, exfiltration trench and retention areas, and conceptual opinions of construction costs. The KEITH Team also provided AAB and DRC site plan reviews. Upon approval, the team prepared construction plans and specifications. KEITH also provided schematic landscape architectural services including landscape, hardscape and irrigation plans, as well as permitting applications.

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Timeliness of:		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

Continue to use them.

THIS SECTION FOR COUNTY USE ONLY

Verified via: ☐ EMAIL ☐ VERBAL Verified by: _____ Division: _____ Date: _____

All information provided to Broward County is subject to verification. Vendor acknowledges that inaccurate, untruthful, or incorrect statements made in support of this response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Code.

WORKLOAD OF FIRM 4

EXP understands the challenges associated with modifying, renovating, and/or expanding airport facilities and has significant experience in addressing these challenges on behalf of their valued clients.

IMAGE: O'Hare International Airport, American Airlines Concourse G - design by EXP

As a large, multi-discipline firm, EXP has hundreds of projects underway at any given time, in various stages of design and construction. Below is a brief summary of projects EXP has managed in South Florida in the last five years. However, the individuals proposed for this contract are ready to commit their time and attention to this contract. **The advantage of a firm of our size and that of our partners, is that we have great depth of resources available at any given time.**

In addition to the over 450 Florida-based professionals, the EXP Team has access to over 7,000 employees across North America that can be utilized to support our efforts, if needed. The EXP Team is committed to providing the right resources at the right time to the Broward County Aviation Department.

Project/Contract Name	Client	Status
A19-MDAD-01 Terminal Wide Re-Roofing and Lightning System Upgrades	MIAMI DADE AVIATION DEPARTMENT	Projected
A19-MDAD-02 Facility Design and Construction Inspection Services	MIAMI DADE AVIATION DEPARTMENT	Projected
Continuing Contract for MEP Engineering Services	SCHOOL BOARD OF BROWARD COUNTY	Projected
Spirit Airlines Headquarters	HUNTON BRADY	Active
SR-5/US-1 from 59th St to SR-8	FDOT	Active
CEI Group 20-C	FDOT	Active
CEI Hybrid Proj Tampa-cont	FDOT	Active
SR 948/ NW 36 Street from SR 826/Palmetto Expy to SR 5/US1	FDOT	Active
CEI CONTINUING SERVICES (INSPECTION) FORT MYERS OP CTR	FDOT	Active
CEI Group 18-C	FDOT	Complete
CEI SR 57 Jefferson Co	FDOT	Complete
CEI Serv. for SR-15 from S.of Morgan Road to S of Shirley Dr	FDOT	Complete
CEI Group 20-C	FDOT	Complete
United Technologies Corporate HQ	HUNTON BRADY	Complete
Trump National Doral	TRUMP ORGANIZATION	Complete
Trump National Doral Clubhouse	TRUMP ORGANIZATION	Complete
Plaza Coral Gables	cRTKL	Active
Esplanade at Aventura	SB ARCHITECTS	Active
Baptist Hilton Hotel	cRTKL	Complete
Landmark Hospital	HUNTON BRADY	Complete
Grove Isle	cRTKL	Active
Baptist Health Eye-Care ASC	cRTKL	Complete
Hilton Cabana	cRTKL	Complete
JW Marriott - Tampa	NBWW	Active
WeWork Coral Gables 2222 Ponce	ASD/SKY	Complete
Lake Nona Wave Hotel	ARQUITECTONICA	Active
Lake Nona Parcel 10 Resort	GSB	Active
Lincoln Rd Eatery	ARQUITECTONICA	Complete
Trump National Doral Spa	TRUMP ORGANIZATION	Complete
Pier-66	HKS	Active
RedSky 2700 NW 2nd Ave	REDSKY DEVELOPMENT	Complete
Tinker Air Force Base Resiliency	EPC LOCKHEED MARTIN	Complete

Project/Contract Name	Client	Status
Hawks Cay Renovations/Repairs	HKS	Complete
WeWork 128 South Tryon	INTERIOR ARCHITECTS	Complete
Miami Children's Museum Renovation	ARQUITECTONICA	Complete
1177 Kane Concourse	ARQUITECTONICA	Active
WeWork Coral Gables 255 Giralda	ASD/KY	Complete
WeWork Raleigh One Glenwood	INTERIOR ARCHITECTS	Complete
St. Regis Longboat Key	SB ARCHITECTS	Complete
Pier-66 South Site	TAVISTOCK DEVELOPMENT	Complete
WeWork Chapel Hill 123 W Franklin St.	INTERIOR ARCHITECTS	Complete
WeWork Ft. Lauderdale 200 Las Olas	INTERIOR ARCHITECTS	Complete
WeWork West Plam 515 N Flagler	WEWORK	Complete
Wework Orlando 200 S Orange Ave	WEWORK	Active
Green Cay Assisted Living Facility	SB ARCHITECTS	Active
WeWork 350 Lincoln Rd	INTERIOR ARCHITECTS	Complete
Oceans Edge Resort Renovations	HKS	Active
WeWork Miami 2600 NW 3rd Ave	INTERIOR ARCHITECTS	Complete
WeWork Miami 1111 Brickell	INTERIOR ARCHITECTS	Complete
WeWork Miami 200 Biscayne	INTERIOR ARCHITECTS	Active
Temple Beth Am Day School	PERKINS EASTMAN	Active
2nd & 2nd	NBWW	Complete
St. Regis Bahia Beach	SB ARCHITECTS	Complete
WeWork Coral Gables 2222 Ponce Renovations	WEWORK	Complete
WeWork Miami 4040 NE 2nd Ave	WEWORK	Complete
WeWork Tampa 1910 Ola Ave	INTERIOR ARCHITECTS	Active
WeWork Juno Beach	INTERIOR ARCHITECTS	Complete
Baha Mar Water Park Phase 2	CTF	Active
WeWork Doral 3750 NW 87th Ave	INTERIOR ARCHITECTS	Complete
WeWork Ft. Lauderdale 300 SW 1st Ave.	WEWORK	Complete
WeWork West Palm 700 s Rosemary	WEWORK	Complete
WeWork Coral Gables 2811 Ponce De Leon	INTERIOR ARCHITECTS	Complete
WeWork St. Petersburg 200 Central Ave	INTERIOR ARCHITECTS	Complete
Melia Nassau Beach	CTF	Active
RedSky Design District	REDSKY DEVELOPMENT	Complete
WeWork Miami 600 Brickell	WEWORK	Complete
WeWork Miami 1201 Brickell	WEWORK	Complete
Royal Carribbean Coco Cay Phase 2	ISLAND SITE DEVELOPMENT	Complete
Boca Raton Resort & Club Renovations	GARCIASTROMBERG	Active
Port Miami Virgin Station	Brightline	Projected
One South Ocean	GARCIASTROMBERG	Active
Boca Raton Virgin Station	Brightline	Active
Aventura Virgin Station	Brightline	Active
Alina Phase 2	GARCIASTROMBERG	Projected
AMLI Wynwood	AMLI DEVELOPMENT	Active
MDPD Central Energy Plant	MIAMI-DADE POLICE DEPARTMENT	Active
AMLI Joya	AMLI DEVELOPMENT	Active
Miami-Dade DTPW	Department of Transportation and Public Works	Projected



LOCATION 5



IMAGE: Louis Armstrong New Orleans International Airport New North Terminal - Atkins design



LOCATION CERTIFICATION FORM

Refer to applicable sections for submittal instructions. Failure to submit required forms or information by stated timeframes will deem vendor ineligible for local preference or location tiebreaker.

Broward County Code of Ordinances, Section 1-74, et seq., provides certain preferences to Local Businesses, Locally Based Businesses, and Locally Based Subsidiaries, and the Broward County Procurement Code provides location as the first tiebreaker criteria. Refer to the ordinance for additional information regarding eligibility for local preference.

For Invitation for Bids:

To be eligible for the Local Preference best and final offer (“BAFO”) and location tiebreaker, the Vendor **must** submit this fully completed form and a copy of its Broward County local business tax receipt **at the same time it submits its bid. Vendors who fail to comply with this submittal deadline will not be eligible for either the BAFO or the location tiebreaker.**

For Request for Proposals (RFPs), Request for Letters of Interest (RLIs), or Request for Qualifications (RFQs):

For Local Preference eligibility, the Vendor **should** submit this fully **completed form and all Required Supporting Documentation** (as indicated below) at the time Vendor submits its response to the procurement solicitation. If not provided with submittal, the Vendor **must** submit within three business days after County’s written request. Failure to submit required forms or information by stated timeframes will deem the Vendor ineligible for local preference.

To be eligible for the location tiebreaker, **the Vendor must submit this fully completed form and a copy of its Broward County local business tax receipt at the same time it submits its response.** Vendors who fail to comply with this submittal deadline will not be eligible for the location tiebreaker.

The undersigned Vendor hereby certifies that (check the box for only one option below):

- ☒ **Option 1:** The Vendor is a **Local Business**, but does not qualify as a **Locally Based Business** or a **Locally Based Subsidiary**, as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:
- A. It has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),

i. a physical business address located within the limits of Broward County, listed on the Vendor’s valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),

ii. in an area zoned for the conduct of such business,

iii. that the Vendor owns or has the legal right to use, and

iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the “Local Business Location”).

If Option 1 selected, indicate **Local Business Location**:

6750 North Andrews Avenue, Cypress, Park West
Suite 200, Fort Lauderdale, FL 33309

- ☐ **Option 2:** The Vendor is both a **Local Business** and a **Locally Based Business** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:
- A. The Vendor has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),

i. a physical business address located within the limits of Broward County, listed on the Vendor’s valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),

ii. in an area zoned for the conduct of such business,

iii. that the Vendor owns or has the legal right to use, and

iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation as so defined, the “Local Business Location”);

B. The Local Business Location is the primary business address of the majority of the Vendor’s employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;

C. The Vendor’s management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;

D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and

E. Less than fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the Vendor owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County is .

If Option 2 selected, indicate **Local Business Location**:

- ☐ **Option 3:** The Vendor is both a **Local Business** and a **Locally Based Subsidiary** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:
- A. The Vendor has continuously maintained:

i. for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),

- ii. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
- iii. in an area zoned for the conduct of such business,
- iv. that the Vendor owns or has the legal right to use, and
- v. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the "Local Business Location");
- B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
- C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
- D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
- E. At least fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the Vendor owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County is _____.

If Option 3 selected, indicate **Local Business Location**:

- ☐ **Option 4:** The Vendor is a **joint venture** composed of one or more Local Businesses, Locally Based Businesses, or Locally Based Subsidiaries, as each term is defined by Section 1-74, Broward County Code of Ordinances. Fill in blanks with percentage equity interest or list "N/A" if section does not apply. The Vendor further certifies that:
- A. The proportion of equity interests in the joint venture owned by **Local Business(es)** (each Local Business must comply with all of the requirements stated in Option 1) is _____ % of the total equity interests in the joint venture; and/or
- B. The proportion of equity interests in the joint venture owned by **Locally Based Business(es)** (each Locally Based Business must comply with all of the requirements stated in Option 2) is _____ % of the total equity interests in the joint venture; and/or
- C. The proportion of equity interests in the joint venture owned by **Locally Based Subsidiary(ies)** (each Locally Based Subsidiary must comply with all of the requirements stated in Option 3) is _____ % of the total equity interests in the joint venture.

If Option 4 selected, indicate the Local Business Location(s) (es) on separate sheet.

- ☐ **Option 5:** Vendor is not a Local Business, a Locally Based Business, or a Locally Based Subsidiary, as each term is defined by Section 1-74, Broward County Code of Ordinances.

Required Supporting Documentation (in addition to this form):

Option 1 or 2 (**Local Business** or **Locally Based Business**):

1. Broward County local business tax receipt.

Option 3 (**Locally Based Subsidiary**)

1. Broward County local business tax receipt.
2. Documentation identifying the Vendor's vertical corporate organization and names of parent entities if the Vendor is a Locally Based Subsidiary.

Option 4 (**joint venture** composed of one or more Local Business(es), Locally Based Business(es), or Locally Based Subsidiary(ies):

1. Broward County local business tax receipt(s) for each Local Business(es), Locally Based Business(es), and/or Locally Based Subsidiary(ies).
2. Executed joint venture agreement, if the Vendor is a joint venture.
3. If joint venture is comprised of one or more Locally Based Subsidiary(ies), submit documentation identifying the vertical corporate organization and parent entities name(s) of each Locally Based Subsidiary.

If requested by County (any option):

1. Written proof of the Vendor's ownership or right to use the real property at the Local Business Location.
2. Additional documentation relating to the parent entities of the Vendor.
3. Additional documentation demonstrating the applicable percentage of equity interests in the joint venture, if not shown in the joint venture agreement.
4. Any other documentation requested by County regarding the location from which the activities of the Vendor are directed, controlled, and coordinated.

By submitting this form, the Vendor certifies that if awarded a contract, it is the intent of the Vendor to remain at the Local Business Location address listed below (or another qualifying Local Business Location within Broward County) for the duration of the contract term, including any renewals or extensions. (If nonlocal Vendor, leave Local Business Location blank.)

Indicate Local Business Location:

True and Correct Attestations:

Any misleading, inaccurate, or false information or documentation submitted by any party affiliated with this procurement may lead to suspension and/or debarment from doing business with Broward County as authorized by the Broward County Procurement Code. The Vendor understands that, if after contract award, the County learns that any of the information provided by the Vendor on this form was false, and the County determines, upon investigation, that the Vendor's provision of such false information was willful or intentional, the County may exercise any contractual right to terminate the contract. The provision of false or fraudulent information or documentation by a Vendor may subject the Vendor to civil and criminal penalties.

AUTHORIZED SIGNATURE/NAME:  Timothy Neumann

TITLE: Executive Vice President

VENDOR NAME: Exp U.S. Services Inc.

DATE: 4/21/2021

Broward County Board of
County Commissioners

Bid PNC2120437f

Broward County Board of
County Commissioners

PNC2120437P1

WILLINGNESS TO MEET TIME AND BUDGET

6

Yes, EXP confirms our commitment to meeting project specific time and budget requirements established in collaboration with the Broward County Aviation Department of each individual Work Authorization.

VOLUME OF PREVIOUS WORK

7



IMAGE: Louis Armstrong New Orleans International Airport New North Terminal - Atkins design



VOLUME OF PREVIOUS WORK ATTESTATION FORM

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to provide timely may affect the Vendor's evaluation.

This completed form **MUST** be included with the Vendor's submittal at the time of the opening deadline to be considered for a Tie Breaker criterion (if applicable).

Points assigned for Volume of Previous Work will be based on the amount paid-to-date by the County to a prime Vendor **MINUS** the Vendor's confirmed payments paid-to-date to approved certified County Business Enterprise (CBE) firms performing services as Vendor's subcontractor/subconsultant to obtain the CBE goal commitment as confirmed by County's Office of Economic and Small Business Development. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must list all received payments paid-to-date by contract as a prime vendor from Broward County Board of County Commissioners. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must also list all total confirmed payments paid-to-date by contract, to approved certified CBE firms utilized to obtain the contract's CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	Prime: Paid to Date	CBE: Paid to Date
1.						
2.						
3.						
4.						
5.						
6.						
7.						
Grand Total						

Has the Vendor been a member/partner of a Joint Venture firm that was awarded a contract by the County?

Yes ☐ No ☒

If Yes, Vendor must submit a Joint Vendor Volume of Work Attestation Form.

Vendor Name: Exp U.S. Services Inc.

 Timothy Neumann

Executive Vice President

4/21/2021

Authorized Signature/Name

Title

Date

VOLUME OF PREVIOUS WORK ATTESTATION JOINT VENTURE FORM

If applicable, this form and additional required documentation should be submitted with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting documentation may affect the Vendor's evaluation.

If a Joint Venture, the payments paid-to-date by contract provided must encompass the Joint Venture and each of the entities forming the Joint Venture. Points assigned for Volume of Previous Work will be based on the amount paid-to-date by contract to the Joint Venture firm **MINUS** all confirmed payments paid-to-date to approved certified CBE firms utilized to obtain the CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date. Amount will then be multiplied by the member firm's equity percentage.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

APPENDICES



IMAGE:Chicago O’Hare International Airport Automated People Mover - EXP Design



A. RESPONSIVENESS CRITERIA

LOBBYIST REGISTRATION REQUIREMENT CERTIFICATION FORM

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Vendor certifies that it understands if it has retained a lobbyist(s) to lobby in connection with a competitive solicitation, it shall be deemed non-responsive unless the firm, in responding to the competitive solicitation, certifies that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances; and it understands that if, after awarding a contract in connection with the solicitation, the County learns that the certification was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis, exercise any contractual right to terminate the contract for convenience.

The Vendor hereby certifies that: (select one)

- ☒ It has not retained a lobbyist(s) to lobby in connection with this competitive solicitation; however, if retained after the solicitation, the County will be notified.
- ☐ It has retained a lobbyist(s) to lobby in connection with this competitive solicitation and certified that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances.

It is a requirement of this solicitation that the names of any and all lobbyists retained to lobby in connection with this solicitation be listed below:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

Authorized Signature/Name: Date: 4/21/2021

Timothy Neumann, AIA, NCARB

Title:

Vendor Name:

A.2 Acknowledgment Of Addendum

EXP acknowledges receipt of Addendum Number 1 dated March 16, 2021 and Addendum 2 dated March 23, 2021 received via Bidsync.
We have coordinated our response in this proposal accordingly.

B. RESPONSIBILITY CRITERIA

B.1.a Litigation History

Vendor Questionnaire, EXP's Florida Department of State, Division of Corporation document number is: FI1000001440

Broward County Board of
County Commissioners

B.1.b Litigation History Form

Broward County Board of
County Commissioners

PNC2120437P1

Bid PNC2120534P1

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- ☐ There are no material cases for this Vendor; or
☒ Material Case(s) are disclosed below: *See Attachment**

Is this for a: (check type) <input type="checkbox"/> Parent, <input type="checkbox"/> Subsidiary, or <input type="checkbox"/> Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: <input type="text"/> Or No <input type="checkbox"/>
Party	
Case Number, Name, and Date Filed	<input type="text"/>
Name of Court or other tribunal	<input type="text"/>
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Count	<input type="text"/>
Brief description of the Subject Matter and Project Involved	<input type="text"/>
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: <input type="text"/> Email: <input type="text"/> Telephone Number: <input type="text"/>

Vendor Name:

Exp U.S Services, Inc. ("EXP") never had any disputes with the county or been the subject of any liens, adverse judgments, bankruptcy or criminal proceedings. As with similarly situated professional design consulting firms of its size and operations, EXP from time to time defends allegation of negligence arising in the course of its operations. None of the claims have hindered or would hinder EXP's ability to perform the services contemplated or its financial stability. Should more information on this subject be required, EXP corporate counsel, Priscilla Ahn (priscilla.ahn@exp.com or 416-587-8065) is available to discuss in greater details.

B.2.a Financial Information

B.3.a Authority to Conduct Business in Florida

EXP U.S. Services Inc. provided our financial statements confidentially as detailed in the bid package on April 19, 2021. Three hard copies of these documents have been submitted in a sealed envelope to Broward County Purchasing Division. EXP's financial statements are exempt from public disclosure under the Florida Statutes.

Authority to Conduct Business in Florida

EXP has the authority to conduct business in the state of Florida. As referenced in our Vendor Questionnaire, EXP's Florida Department of State, Division of Corporation document number is: FI1000001440

B.4.a Affiliated Entities of the Principal

Broward County Board of
County Commissioners

Bid PNC2120437P1

AFFILIATED ENTITIES OF THE PRINCIPAL(S) CERTIFICATION FORM

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- a. All Vendors are required to disclose the names and addresses of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County.
- b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
- c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

The Vendor hereby certifies that: (select one)

☒ No principal of the proposing Vendor has prior affiliations that meet the criteria defined as "Affiliated entities"

☐ Principal(s) listed below have prior affiliations that meet the criteria defined as "Affiliated entities"

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Authorized Signature Name: Timothy Neumann, AIA, NCARB

Title: Executive Vice President

Vendor Name: Exp U.S. Services Inc.

Date: 4/21/2021



CERTIFICATE OF LIABILITY INSURANCE

Page 1 of 1

DATE (MM/DD/YYYY)
04/13/2020

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

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

PRODUCER Willis Towers Watson Midwest, Inc. fka Willis of Illinois, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME: Willis Towers Watson Certificate Center PHONE (A/C, No, Ext): 1-877-945-7378 FAX (A/C, No): 1-888-467-2378 E-MAIL ADDRESS: certificates@willis.com
INSURED exp U.S. Services, Inc. 205 N. Michigan Avenue Suite 3600 Chicago, IL 60601	INSURER(S) AFFORDING COVERAGE INSURER A: XL Insurance America Inc NAIC # 24554 INSURER B: Continental Casualty Company 20443 INSURER C: AIG Insurance Company of Canada B1206 INSURER D: INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER: W16168849 REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			US00057823LI20A	04/30/2020	03/31/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 2,000,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			6076413496	03/31/2020	03/31/2021	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"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			CA00002682LI20A	04/30/2020	03/31/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N No	N/A	6072004033	03/31/2020	03/31/2021	<input checked="" type="checkbox"/> PER STATUTE <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
C	Professional Liability			061127095	03/31/2020	03/31/2021	Per Claim: \$5,000,000 Aggregate: \$10,000,000

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

CERTIFICATE HOLDER	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
For Insurance Verification Purposes Only	

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ACORD 25 (2016/03)

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SR ID: 19501259

BATCH: 1647292

Office of Economic and Small Business Development Program

EXP understands the County Business Enterprise (CBE) Program is applicable to this contract. EXP places strong emphasis on diversity inclusion and participation. In fact, our firm's history is rooted in diversity. **Our core architectural design team originating from EXP's legacy firm, was classified as a Minority Business Enterprise and this status continued until 1994.** We are serious about engaging Minority and Women Business Enterprise, Local Developing Business/Veteran Business Enterprise, and County Business Enterprise consultants in meaningful project roles that will allow them to expand their capabilities and work on projects that they might not otherwise have the ability to be assigned due to their size or experience. EXP is fully committed to the utilization of these businesses on a regular basis, whether we have contractual goals or not, and are proficient in using their skills and abilities to enhance the success of our projects. At the same time, our staff provides active mentoring of our subconsultant partners to ensure they have the information, resources, and support they need to ensure the success of every project. **Our commitment to partnering with small businesses and helping them develop extends to serving as a Mentor for the U.S. Small Business Administration's 8(a) Mentor Protégé Program.**



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.

Address: 6750 North Andrews Avenue City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Marcos J Souza Phone: 954-999-8292

CBE Firm/Supplier Name: AirQuest Environmental, Inc.

Address: 6851 SW 45th Street City: Fort Lauderdale State: FL Zip: 33314

Authorized Representative: Tracie-Anne Boyle Phone: 954-792-4549

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Environmental Engineering	541380	\$ 25,000.00	0.50 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: Digitally signed by Traci-Anne Boyle Date: 2021.04.16 10:41:55 -04'00' Date: 04/20/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.
² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004





LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: Exp U.S. Services Inc.

Address: 6750 North Andrews, Cypress Park West Suite 200 City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Timothy Neumann, AIA Phone: 312.616.7475

CBE Firm/Supplier Name: CRJ & Associates, Inc.

Address: 2699 Stirling Road Suite B-201 City: Fort Lauderdale State: FL Zip: 33312

Authorized Representative: Marc A. Fermanian Phone: 954-239-4330

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Civil Engineering	541330	\$ 100,000.00	2.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: President Date: 4/16/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

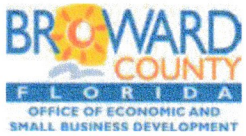
¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.

Address: 6750 North Andrews Avenue City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Marcos J Souza Phone: 954-999-8292

CBE Firm/Supplier Name: Gartek Engineering Corporation

Address: 700 N. 29th Avenue Suite 303 City: Hollywood State: FL Zip: 33020

Authorized Representative: Paula Riveros Phone: 954-404-8100

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Mechanical, Electrical, Plumbing Engineering	541330	\$ 250,000.00	5.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: Mel F Garcia Digitally signed by Mel F Garcia
Date: 2021.04.21 11:55:09 -04'00' Title: Vice President Date: 04/20/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

Broward County Board of
County Commissioners



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

PNC2120437P1

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.

Address: 6750 North Andrews Avenue City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Marcos J Souza Phone: 954-999-8292

CBE Firm/Supplier Name: Goal Associates, Inc.

Address: 13743 SW 27th Street City: Miramar State: FL Zip: 33027

Authorized Representative: Godfrey Lamptey Phone: 786-543-2037

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Civil Engineering	541330	\$ 25,000.00	0.50 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: Date: 04/20/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.

Address: 6750 North Andrews Avenue City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Marcos J Souza Phone: 954-999-8292

CBE Firm/Supplier Name: H2R CORP

Address: 1900 NW 40 Court City: Pompano Beach State: FL Zip: 33064

Authorized Representative: David Rancman Phone: 954-972-7570

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Geotechnical Engineering	541330	\$ 50,000.00	1.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: PRESIDENT Date: 04/20/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.

Address: 6750 North Andrews Avenue City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Marcos J Souza Phone: 954-999-8292

CBE Firm/Supplier Name: Hammond & Associates, Inc.

Address: 150 NW 70th Avenue Suite 10 City: Plantation State: FL Zip: 33317

Authorized Representative: Eric Hammond Phone: 954-327-7111

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Fire Protection Engineering	541330	\$ 100,000.00	2.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: President Date: 04/20/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.

Address: 6750 North Andrews Avenue City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Marcos J Souza Phone: 954-999-8292

CBE Firm/Supplier Name: Quantum Electrical Engineering, Inc.

Address: 5571 N. University Drive Suite 101 City: Coral Springs State: FL Zip: 33067

Authorized Representative: Amy L. Champagne-Baker Phone: 954-369-5810

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Electrical Engineering	541330	\$ 250,000.00	5.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: PRESIDENT Date: 04/20/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.
Address: 6750 North Andrews Avenue City: Fort Lauderdale State: FL Zip: 33309
Authorized Representative: Marcos J Souza Phone: 954-999-8292

CBE Firm/Supplier Name: S & F Engineers, Inc.
Address: 2925 West Cypress Creek Road Suite 200 City: Fort Lauderdale State: FL Zip: 33309
Authorized Representative: Sivananthan Sritharan Phone: 954-938-0020

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Structural Engineering	541330	\$ 350,000.00	7.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: Date: 04/20/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

¹ Visit [Census.gov](#) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.
² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.
Address: 6750 North Andrews Avenue City: Fort Lauderdale State: FL Zip: 33309
Authorized Representative: Marcos J Souza Phone: 954-999-8292

CBE Firm/Supplier Name: Stoner & Associates, Inc.
Address: 4341 SW 62nd Avenue City: Davie State: FL Zip: 33314
Authorized Representative: James Stoner Phone: 954-585-0997

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Surveying	541370	\$ 25,000.00	0.50 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: Date: 04/20/2021

Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Director of Aviation Date: 04/20/2021

¹ Visit [Census.gov](#) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.
² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

Broward County Board of
County Commissioners



LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

PNC2120437P1

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.

Address: 6750 North Andrews Avenue **City:** Fort Lauderdale **State:** FL **Zip:** 33309

Authorized Representative: Marcos J Souza **Phone:** 954-999-8292

CBE Firm/Supplier Name: Walters Zackria Associates, PLLC

Address: 5813 N. Andrews Way **City:** Fort Lauderdale **State:** FL **Zip:** 33309

Authorized Representative: Abbas Zackria **Phone:** 954-522-4123


- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm


Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Architecture	541310	\$ 250,000.00	5.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature:  **Title:** President **Date:** 04/20/2021

Bidder/Offeror Authorized Representative

Signature:  **Title:** Director of Aviation **Date:** 04/20/2021

¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2120437P1

Project Title: Professional Consultant Services for FLL and HWO Airports, Building Projects

Bidder/Offeror Name: EXP U.S. Services Inc.

Address: 6750 North Andrews Avenue **City:** Fort Lauderdale **State:** FL **Zip:** 33309

Authorized Representative: Marcos J Souza **Phone:** 954-999-8292

CBE Firm/Supplier Name: Program Controls, Inc.

Address: 12515 Orange Drive Suite 812 **City:** Davie **State:** FL **Zip:** 33330

Authorized Representative: Ashish Kumar **Phone:** (954) 648-6198


- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Estimating and Scheduling	541330	\$ 75,000.00	1.50 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature:  **Title:** Principal **Date:** 04/20/2021

Bidder/Offeror Authorized Representative

Signature:  **Title:** Director of Aviation **Date:** 04/20/2021

¹ Visit [Census.gov](https://www.census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

² To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018

Compliance Form No. 004

C. ADDITIONAL INFORMATION AND CERTIFICATIONS

C.1 Vendor Questionnaire

VENDOR QUESTIONNAIRE AND STANDARD CERTIFICATIONS
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

Vendor should complete questionnaire and complete and acknowledge the standard certifications and submit withthe solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may affect Vendor'sevaluation.

If a response requires additional information, the Vendor should upload a written detailed response with submittal; each response should be numbered to match the question number. The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the Vendor Questionnaire be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name: Exp U.S. Services Inc.
2. Doing Business As/Fictitious Name (if applicable): Exp U.S. Services Inc.
3. Federal Employer I.D. no. (FEIN): 46-0523964
4. Dun and Bradstreet No.:10-094-3047
5. Website address (if applicable): www.exp.com
6. Principal place of business address: 6750 North Andrews Avenue Cypress, Park West Suite 200 Fort Lauderdale, FL 33309
7. Office location responsible for this project: Fort Lauderdale, FL
8. Telephone no.: 954.999.8292 Fax no.:
9. Type of business (check appropriate box):

☒ Corporation (specify the state of incorporation: Delaware

☐ Sole Prioprietor

☐ Limited Liability Company (LLC)

☐ Limited Partnership

☐ General Partnership (State and County filled in)

☐ Other – Specify
10. List Florida Department of State, Division of Corporations document number (or registration number if fictitious name): F11000001440
11. List name and title of each principal, owner, officer, and major shareholder:

a) Please refer to attached list

b)

c)

d) marcos.souza@exp.com
12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name: Marcos Souza, PE, PMP

Title: Director of Aviation

E-mail: marcos.souza@exp.com

Telephone No.: 305.631.2208

Name: Kyle Henry

Title: Vice President

E-mail: kyle.henry@exp.com

Telephone No.: 305.631.2208
13. Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response. Yes No
14. Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted. Yes No

C.2 Standard Certifications

C.2 Standard Certifications

Broward County Board of
County Commissioners

Bid PNC2120437P1

15. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☒ No

16. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response. ☐ Yes ☒ No

17. Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No

18. Has your firm's surety ever intervened to assist in the completion of a contract or have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached written response, including contact information for owner and surety. ☐ Yes ☒ No

19. Has your firm ever failed to complete any work awarded to you, services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☒ No

20. Has your firm ever been terminated from a contract within the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No

21. Living Wage solicitations only: In determining what, if any, fiscal impact(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of the contract.

Living Wage had an effect on the pricing Yes ☐ No ☒
If yes, Living Wage increased the pricing by % or decreased the pricing by %.

22. Participation in Solicitation Development:
☒ I have not participated in the preparation or drafting of any language, scope, or specification that would provide my firm or any affiliate an unfair advantage of securing this solicitation that has been let on behalf of Broward County Board of County Commissioners.
☐ I have provided information regarding the specifications and/or products listed in this solicitation that has been let on behalf of Broward County Board of County Commissioners.
If this box is checked, provide the following:
Name of Person the information was provided:
Title:
Date information provided:
For what purpose was the information provided?

Cone of Silence Requirement Certification:
The Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances prohibits certain communications among Vendors, Commissioners, County staff, and Selection or Evaluation Committee members. Identify on a separate sheet any violations of this Ordinance by any members of the responding firm or its joint ventures. After the application of the Cone of Silence, inquiries regarding this solicitation should be directed to the Director of Purchasing or designee. The Cone of Silence terminates when the County Commission or other awarding authority takes action which ends the solicitation.

The Vendor hereby certifies that: (check each box)

- ☒ The Vendor has read Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances; and
- ☒ The Vendor understands that the Cone of Silence for this competitive solicitation shall be in effect beginning upon the appointment of the Selection or Evaluation Committee, for communication regarding this solicitation with the County Administrator, Deputy County Administrator, Assistant County Administrators, and Assistants to the County Administrator and their respective support staff or any person, including Evaluation or Selection Committee members, appointed to evaluate or recommend selection in this RFP/RLI process. For Communication with County Commissioners and Commission staff, the Cone of Silence allows communication until the initial Evaluation or Selection Committee Meeting.
- ☒ The vendor understands that they may communicate with a representative of the Office of Economic and Small Business Development ("OESBD") at any time regarding a solicitation or regarding participation of Small Business Enterprises or County Business Enterprises in a solicitation. OESBD may be contacted at (954)357- 6400. The Cone of Silence also permits communication with certain other County employees (refer to the Cone of Silence Ordinance).
- ☒ The Vendor agrees to comply with the requirements of the Cone of Silence Ordinance.

Drug-Free Workplace Requirements Certification:



Broward County Board of
County Commissioners

Bid PNC2120437P1

Section 21.31 a. of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board award be made only to firms certifying the establishment of a drug free workplace program. The program must consist of:

1. Publishing a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the offeror's workplace, and specifying the actions that will be taken against employees for violations of such prohibition;

2. Establishing a continuing drug-free awareness program to inform its employees about:

a. The dangers of drug abuse in the workplace;

b. The offeror's policy of maintaining a drug-free workplace;

c. Any available drug counseling, rehabilitation, and employee assistance programs; and

d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

3. Giving all employees engaged in performance of the contract a copy of the statement required by subparagraph 1;

4. Notifying all employees, in writing, of the statement required by subparagraph 1, that as a condition of employment on a covered contract, the employee shall:

a. Abide by the terms of the statement; and

b. Notify the employer in writing of the employee's conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or of any state, for a violation occurring in the workplace NO later than five days after such conviction.

5. Notifying Broward County government in writing within 10 calendar days after receiving notice under subdivision 4.b above, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;

6. Within 30 calendar days after receiving notice under subparagraph 4 of a conviction, taking one of the following actions with respect to an employee who is convicted of a drug abuse violation occurring in the workplace:

a. Taking appropriate personnel action against such employee, up to and including termination; or

b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency; and

7. Making a good faith effort to maintain a drug-free workplace program through implementation of subparagraphs 1 through 6.

The Vendor hereby certifies that: (check box)

- ☒ The Vendor certifies that it has established a drug free workplace program in accordance with the above requirements.

Non-Collusion Certification:
Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. Failure of a Vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

The Vendor hereby certifies that: (select one)

- ☒ The Vendor certifies that this offer is made independently and free from collusion; or
- ☐ The Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

Public Entities Crimes Certification:
In accordance with Public Entity Crimes, Section 287.133, Florida Statutes, a person or affiliate placed on the convicted vendor list following a conviction for a public entity crime may not submit on a contract to provide any goods or services; for construction or repair of a public building or public work; for leases of real property to a public entity; and may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for Category Two for a period of 36 months following the date of being placed on the convicted vendor list.



Exp U.S. Services Inc. Officer Register

Broward County Board of
County Commissioners

Bid PNC2120437P1

The Vendor hereby certifies that: (check box)

☐ The Vendor certifies that no person or affiliates of the Vendor are currently on the convicted vendor list and/or has not been found to commit a public entity crime, as described in the statutes.

Scrutinized Companies List Certification:

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than \$1 million.

The Vendor hereby certifies that: (check each box)

☐ The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4275, Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

☐ The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

☐ If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

I hereby certify the information provided in the Vendor Questionnaire and Standard Certifications:

 Timothy Neumann	Executive Vice President	4/21/2021
*AUTHORIZED SIGNATURE/NAME	TITLE	DATE

Vendor Name: Exp U.S. Services Inc.

* I certify that I am authorized to sign this solicitation response on behalf of the Vendor as indicated in Certificate asto Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. As the Vendor's authorized representative, I attest that any and all statements, oral, written or otherwise, made in support of the Vendor's response, are accurate, true and correct. I also acknowledge that inaccurate, untruthful, or incorrect statements made in support of the Vendor's response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Procurement Code. I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).

NAME	OFFICE ADDRESS	OFFICE HELD	YEARS WITH COMPANY	% OWNERSHIP
Dvorak, Ivan	205 N. Michigan Ave., Ste3600 Chicago, IL 60601	Chairman of the Board and CEO	3	N/A
Dvorak, Mark	205 N. Michigan Ave., Ste3600 Chicago, IL 60601	President and Chief Operating Officer	23	N/A
Walters, Deborah	205 N. Michigan Ave., Ste3600 Chicago, IL 60601	Chief Financial Officer and Treasurer	4	N/A
Neumann, Timothy	205 N. Michigan Ave., Ste3600 Chicago, IL 60601	Executive Vice President	36	N/A
Gibson, Paul	5670 Oberlin Drive, San Diego, CA 92121	Senior Vice President	38	N/A
Stephens, Phil	400 N. Tampa Street, Tampa, FL 33602	Senior Vice President	3	N/A
McGuire, William	2601 Westhall Lane, Maitland, FL 32751	Vice President	14	N/A
Nair, R. Shankar	205 N. Michigan Ave., Ste3600 Chicago, IL 60601	Vice President	25	N/A
Danley, Byron	205 N. Michigan Ave., Ste3600 Chicago, IL 60601	Vie President	30	N/A
Weise, Kathy	205 N. Michigan Ave., Ste3600 Chicago, IL 60601	Vice President	20	N/A
Ahn, Hae-Jin (Priscilla)	56 Queen St. E., Suite 301, Brampton Ontario, Canada L6V 4M8	Secretary	12	N/A

License + Registration

Our EXP license information is as follows and can be verified on the DBPR website.

STATE	REGISTRATION	ENTITY NAME	LICENSING AUTHORITY	RESPONSIBLE IN CHARGE	CERTIFICATE #
Florida (FL)		exp U.S. Services Inc.	Board of Professional Engineers	William McGuire [E] #65653	29701
Florida (FL)		exp U.S. Services Inc.	Board of Architecture and Interior Design	Timothy Neumann [A] #92521	92521

NAME	FIRM	LICENSE NUMBER	LICENSE TYPE
Darin R. Larson	Atkins	56598	PROFESSIONAL ENGINEER
James Griffin	Atkins	AR0012548	ARCHITECT
Traci-Anne Boyle	Airquest	ZA304	ASBESTOS BUSINESS
Marc Fermanian	CRJ	PE52626	PROFESSIONAL ENGINEER
Marcos Souza	EXP	PE76210	PROFESSIONAL ENGINEER
Sergio Serrano	EXP	PE57864	PROFESSIONAL ENGINEER
Siva Haran	EXP	PE52375	PROFESSIONAL ENGINEER
Shankar Nair	EXP	PE41762	PROFESSIONAL ENGINEER
Amy Pastor	EXP	PE70740	PROFESSIONAL ENGINEER
Robert Betancourt	Gartek	PE34788	PROFESSIONAL ENGINEER
Benjamin Dezayas	Gartek	PE82325	PROFESSIONAL ENGINEER
Godfrey Lamptey	Goal	PE68261	PROFESSIONAL ENGINEER
Yves-Stanley Delmas	H2R	PE80352	PROFESSIONAL ENGINEER
Sambit Bhattacharjee	Lea + Elliott	PE53307	PROFESSIONAL ENGINEER
Brian Shore	Miller Legg	LA6666770	LANDSCAPE ARCHITECTURE
Julio Lostao	Program Controls	PE52699	PROFESSIONAL ENGINEER
Amy Champagne-Baker	Quantum	PE73735	PROFESSIONAL ENGINEER
Michael Beldowicz	Quantum	PE63849	PROFESSIONAL ENGINEER
Sivananthan Sritharan	S&F	PE51133	PROFESSIONAL ENGINEER
Raj Krishnasamy	TSF	PE53567	PROFESSIONAL ENGINEER

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

The following forms and supporting information (if applicable) should be returned with Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

- A.

The Vendor shall submit a listing of all subcontractors, subconsultants and major material suppliers (firms), if any, and the portion of the contract they will perform. A major material supplier is considered any firm that provides construction material for construction contracts, or commodities for service contracts in excess of \$50,000, to the Vendor.
- B.

If participation goals apply to the contract, only non-certified firms shall be identified on the form. A non-certified firm is a firm that is not listed as a firm for attainment of participation goals (ex. County Business Enterprise or Disadvantaged Business Enterprise), if applicable to the solicitation.
- C.

This list shall be kept up-to-date for the duration of the contract. If subcontractors, subconsultants or suppliers are stated, this does not relieve the Vendor from the prime responsibility of full and complete satisfactory performance under any awarded contract.
- D.

After completion of the contract/final payment, the Vendor shall certify the final list of non-certified subcontractors, subconsultants, and suppliers that performed or provided services to the County for the referenced contract.
- E.

The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, state "none" on this form. Use additional sheets as needed. Vendor should scan and upload any additional form(s) in BidSync.

1.

Subcontracted Firm's Name:

Gresham, Smith and Partners

Subcontracted Firm's Address:

101 NE Third Avenue, Suite 430, Ft. Lauderdale, FL 33301

Subcontracted Firm's Telephone Number:

954.322.4433

Contact Person's Name and Position:

Tania Fiorani, RA, NCARB – Project Manager

Contact Person's E-Mail Address:

Tania.fiorani@greshamsmith.com

Estimated Subcontract/Supplies Contract Amount:

TBD

Type of Work/Supplies Provided:

Project Management, Architecture, Interior Design, Structural Engineering, Signage & Wayfinding Design
2.

Subcontracted Firm's Name:

Atkins North America, Inc.

Subcontracted Firm's Address:

3250 West Commercial Boulevard, Suite 120
Fort Lauderdale, FL 33309

Subcontracted Firm's Telephone Number:

407.620.8112

Contact Person's Name and Position:

Darin Larson, Operations Director

Contact Person's E-Mail Address:

Darin.larson@atkinsglobal.com

Estimated Subcontract/Supplies Contract Amount:

TBD

Type of Work/Supplies Provided:

Architectural Design Services, Interior Design, Civil Engineering, Laser Scanning/High Definition Survey, BIM Modeling, Cost Estimating, Project Management Professional Services, Construction Management, Construction Administration, Resident Project Representative, Building Inspections, Facility Condition Assessments, Baggage Handling Systems, Passenger Boarding Bridges

3. Subcontracted Firm's Name: Miller, Legg & Associates, Inc.

Subcontracted Firm's Address: 5747 N. Andrews Way, Fort Lauderdale, FL 33309

Subcontracted Firm's Telephone Number: 954.436.7000

Contact Person's Name and Position: Leslie Hernandez, CPA, CFO

Contact Person's E-Mail Address: lhernandez@millerlegg.com

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Environmental Consulting and Landscape Architectural Services

4. Subcontracted Firm's Name: Tierra South Florida, Inc.

Subcontracted Firm's Address: 2765 Vista Parkway, H-10, West Palm Beach, Florida

Subcontracted Firm's Telephone Number: 561-687-8536

Contact Person's Name and Position: Raj Krishnasamy, P.E. – President

Contact Person's E-Mail Address: Raj@TSFGeo.com

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Geotechnical Engineering Services

5. Subcontracted Firm's Name: Keith and Associates, Inc.

Subcontracted Firm's Address: 301 East Atlantic Boulevard, Pompano Beach, FL 33060

Subcontracted Firm's Telephone Number: 954-788-3400

Contact Person's Name and Position: Alex Lazowick, PE, PMP, President

Contact Person's E-Mail Address: alazowick@keithteam.com

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Civil Engineering; Surveying; Subsurface Utility Engineering; Construction Inspection Services

6. Subcontracted Firm's Name: Turner & Townsend, Inc.

Subcontracted Firm's Address: 475 Park Avenue South, 11th Floor | New York, NY 10016

Subcontracted Firm's Telephone Number: 212.810.4880

Contact Person's Name and Position: David Green Director

Contact Person's E-Mail Address: David.green@turntown.com

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Project Controls and estimating

7. Subcontracted Firm's Name: Walter P. Moore and Associates, Inc.

Subcontracted Firm's Address: 1201 Peachtree Street NE, Suite 1600
Atlanta, Georgia 30361

Subcontracted Firm's Telephone Number: 404-898-9620

Contact Person's Name and Position: David A. Moore – Senior Associate & Senior Parking Consultant

Contact Person's E-Mail Address: dmoore@walterpmoore.com

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Parking Design / Consulting and Blast Design Services

8. Subcontracted Firm's Name: ecoPreserve LLC

Subcontracted Firm's Address: 530 East Central Blvd Suite 1003

Subcontracted Firm's Telephone Number: 407-595-7096

Contact Person's Name and Position: Mital Hall, Vice President

Contact Person's E-Mail Address: mital@ecopreserve.net

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Planning, energy and sustainability support

9. Subcontracted Firm's Name: Vic Thompson Company

Subcontracted Firm's Address: 3751 New York Avenue, Suite 140, Arlington, TX 76014

Subcontracted Firm's Telephone Number: 817-557-5600

Contact Person's Name and Position: Christine Norton, CEO

Contact Person's E-Mail Address: cnorton@vtc.us.com

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Baggage Handling System and Checked Baggage System Design and Consulting Services

10. Subcontracted Firm's Name: Argus Consulting, Inc.

Subcontracted Firm's Address: 15715 South Dixie Hwy, Suite 409, Miami, FL 33157

Subcontracted Firm's Telephone Number: 816-228-7500

Contact Person's Name and Position: Chris Straub – Vice President

Contact Person's E-Mail Address: cstraub@argusconsulting.com

Estimated Subcontract/Supplies Contract Amount: TBD

Subcontracted Firm's Telephone Number: 305-500-9390

Contact Person's Name and Position: Sambit Bhattacharjee, P.E., Associate Principal

Contact Person's E-Mail Address: sambitb@leaelliott.com

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Transit System Engineering Consulting Services

-
12. Subcontracted Firm's Name: Ricondo & Associates, Inc.
- Subcontracted Firm's Address: 20 North Clark Street, Suite 1500 & Suite 1100, Chicago, Illinois 60602
- Subcontracted Firm's Telephone Number: +1.312.606.0611
- Contact Person's Name and Position: Pete Ricondo, Senior Vice President
- Contact Person's E-Mail Address: pricondo@ricondo.com
- Estimated Subcontract/Supplies Contract Amount: TBD
- Type of Work/Supplies Provided: Terminal/facilities planning and programming services
-

I certify that the information submitted in this report is in fact true and correct to the best of my knowledge.



Authorize Signature/Name

Director of Aviation
Title

EXP U.S. Services Inc.
Vendor Name

4/21/2021
Date

D. STANDARD AGREEMENT LANGUAGE REQUIREMENTS

Broward County Board of
County Commissioners

Bid PNC2120437P1

AGREEMENT EXCEPTION FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, it shall be deemed an affirmation by the Vendor that it accepts the terms and conditions of the County's Agreement as disclosed in the solicitation.

The Vendor must either provide specific proposed alternative language on the form below. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

- ☒ There are no exceptions to the terms and conditions of the County Agreement as referenced in the solicitation; or
- ☐ The following exceptions are disclosed below: (use additional forms as needed; separate each Article/ Section number)

Term or Condition Article / Section	Insert version of exception or specific proposed alternative language	Provide brief justification for change
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Vendor Name:



Supplier: **EXP**

Standard Instructions to Vendors
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

Vendors are instructed to read and follow the instructions carefully, as any misinterpretation or failure to comply with instructions may lead to a Vendor's submittal being rejected.

Vendor MUST submit its solicitation response electronically and MUST confirm its submittal in order for the County to receive a valid response through BidSync. Refer to the Purchasing Division website or contact BidSync for submittal instructions.

A. Responsiveness Criteria:

In accordance with Broward County Procurement Code Section 21.8.b.65, a Responsive Bidder [Vendor] means a person who has submitted a proposal which conforms in all material respects to a solicitation. The solicitation submittal of a responsive Vendor must be submitted on the required forms, which contain all required information, signatures, notarizations, insurance, bonding, security, or other mandated requirements required by the solicitation documents to be submitted at the time of proposal opening.

Failure to provide the information required below at the time of submittal opening may result in a recommendation Vendor is non-responsive by the Director of Purchasing. The Selection or Evaluation Committee will determine whether the firm is responsive to the requirements specified herein. The County reserves the right to waive minor technicalities or irregularities as is in the best interest of the County in accordance with Section 21.30.f.1(c) of the Broward County Procurement Code.

Below are standard responsiveness criteria; refer to **Special Instructions to Vendors**, for Additional Responsiveness Criteria requirement(s).

1. Lobbyist Registration Requirement Certification

Refer to Lobbyist Registration Requirement Certification. The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

2. Addenda

The County reserves the right to amend this solicitation prior to the due date. Any change(s) to this solicitation will be conveyed through the written addenda process. Only written addenda will be binding. If a "must" addendum is issued, Vendor must follow instructions and submit required information, forms, or acknowledge addendum, as instructed therein. It is the responsibility of all potential Vendors to monitor the solicitation for any changing information, prior to submitting their response.

B. Responsibility Criteria:

Definition of a Responsible Vendor: In accordance with Section 21.8.b.64 of the Broward County Procurement Code, a Responsible Vendor means a Vendor who has the capability in all respects to perform the contract requirements, and the integrity and reliability which will assure good faith performance.

The Selection or Evaluation Committee will recommend to the awarding authority a determination of a Vendor's responsibility. At any time prior to award, the awarding authority may find that a Vendor is not responsible to receive a particular award.

Failure to provide any of this required information and in the manner required may result in a recommendation by the Director of Purchasing that the Vendor is non-responsive.

Below are standard responsibility criteria; refer to **Special Instructions to Vendors**, for Additional Responsibility Criteria requirement(s).

1. **Litigation History**

- a. All Vendors are required to disclose to the County all “material” cases filed, pending, or resolved during the last three (3) years prior to the solicitation response due date, whether such cases were brought by or against the Vendor, any parent or subsidiary of the Vendor, or any predecessor organization. Additionally, all Vendors are required to disclose to the County all “material” cases filed, pending, or resolved against any principal of Vendor, regardless of whether the principal was associated with Vendor at the time of the “material” cases against the principal, during the last three (3) years prior to the solicitation response. A case is considered to be “material” if it relates, in whole or in part, to any of the following:
 - i. A similar type of work that the vendor is seeking to perform for the County under the current solicitation;
 - ii. An allegation of fraud, negligence, error or omissions, or malpractice against the vendor or any of its principals or agents who would be performing work under the current solicitation;
 - iii. A vendor’s default, termination, suspension, failure to perform, or improper performance in connection with any contract;
 - iv. The financial condition of the vendor, including any bankruptcy petition (voluntary and involuntary) or receivership; or
 - v. A criminal proceeding or hearing concerning business-related offenses in which the vendor or its principals (including officers) were/are defendants.
- b. For each material case, the Vendor is required to provide all information identified in the **Litigation History Form**. Additionally, the Vendor shall provide a copy of any judgment or settlement of any material case during the last three (3) years prior to the solicitation response. Redactions of any confidential portions of the settlement agreement are only permitted upon a certification by Vendor that all redactions are required under the express terms of a pre-existing confidentiality agreement or provision.
- c. The County will consider a Vendor’s litigation history information in its review and determination of responsibility.
- d. If the Vendor is a joint venture, the information provided should encompass the joint venture and each of the entities forming the joint venture.
- e. A vendor is required to disclose to the County any and all cases(s) that exist between the County and any of the Vendor’s subcontractors/subconsultants proposed to work on this project during the last five (5) years prior to the solicitation response.
- f. Failure to disclose any material case, including all requested information in connection with each such case, as well as failure to disclose the Vendor’s subcontractors/subconsultants litigation history against the County, may result in the Vendor being deemed non-responsive.

2. **Financial Information**

- a. All Vendors are required to provide the Vendor’s financial statements at the time of submittal in order to demonstrate the Vendor’s financial capabilities.

- b. Each Vendor shall submit its most recent two years of financial statements for review. The financial statements are not required to be audited financial statements. The annual financial statements will be in the form of:
 - i. Balance sheets, income statements and annual reports; or
 - ii. Tax returns; or
 - iii. SEC filings.

If tax returns are submitted, ensure it does not include any personal information (as defined under Florida Statutes Section 501.171, Florida Statutes), such as social security numbers, bank account or credit card numbers, or any personal pin numbers. If any personal information data is part of financial statements, redact information prior to submitting a response to the County.

- c. If a Vendor has been in business for less than the number of years of required financial statements, then the Vendor must disclose all years that the Vendor has been in business, including any partial year-to-date financial statements.
- d. The County may consider the unavailability of the most recent year's financial statements and whether the Vendor acted in good faith in disclosing the financial documents in its evaluation.
- e. Any claim of confidentiality on financial statements should be asserted at the time of submittal. Refer to **Standard Instructions to Vendors**, Confidential Material/ Public Records and Exemptions for instructions on submitting confidential financial statements. The Vendor's failure to provide the information as instructed may lead to the information becoming public.
- f. Although the review of a Vendor's financial information is an issue of responsibility, the failure to either provide the financial documentation or correctly assert a confidentiality claim pursuant to the Florida Public Records Law and the solicitation requirements (Confidential Material/ Public Records and Exemptions section) may result in a recommendation of non-responsiveness by the Director of Purchasing.

3. **Authority to Conduct Business in Florida**

- a. A Vendor must have the authority to transact business in the State of Florida and be in good standing with the Florida Secretary of State. For further information, contact the Florida Department of State, Division of Corporations.
- b. The County will review the Vendor's business status based on the information provided in response to this solicitation.
- c. It is the Vendor's responsibility to comply with all state and local business requirements.
- d. Vendor should list its active Florida Department of State Division of Corporations Document Number (or Registration No. for fictitious names) in the Vendor Questionnaire, Question No. 10.
- e. If a Vendor is an out-of-state or foreign corporation or partnership, the Vendor must obtain the authority to transact business in the State of Florida or show evidence of application for the authority to transact business in the State of Florida, upon request of the County.
- f. A Vendor that is not in good standing with the Florida Secretary of State at the time of a submission to this solicitation may be deemed non-responsible.

- g. If successful in obtaining a contract award under this solicitation, the Vendor must remain in good standing throughout the contractual period of performance.

4. Affiliated Entities of the Principal(s)

- a. All Vendors are required to disclose the names and addresses of “affiliated entities” of the Vendor’s principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County. The Vendor is required to provide all information required on the Affiliated Entities of the Principal(s) Certification Form.
- b. The County will review all affiliated entities of the Vendor’s principal(s) for contract performance evaluations and the compliance history with the County’s Small Business Program, including CBE, DBE and SBE goal attainment requirements. “Affiliated entities” of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
- c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor’s principals in its review and determination of responsibility.

5. Insurance Requirements

The **Insurance Requirement Form** reflects the insurance requirements deemed necessary for this project. It is not necessary to have this level of insurance in effect at the time of submittal, but it is necessary to submit certificates indicating that the Vendor currently carries the insurance or to submit a letter from the carrier indicating it can provide insurance coverages.

C. Additional Information and Certifications

The following forms and supporting information (if applicable) should be returned with Vendor’s submittal. If not provided with submittal, the Vendor must submit within three business days of County’s request. Failure to timely submit may affect Vendor’s evaluation.

1. Vendor Questionnaire

Vendor is required to submit detailed information on their firm. Refer to the **Vendor Questionnaire** and submit as instructed.

2. Standard Certifications

Vendor is required to certify to the below requirements. Refer to the **Standard Certifications** and submit as instructed.

- a. **Cone of Silence Requirement Certification**
- b. **Drug-Free Workplace Certification**
- c. **Non-Collusion Certification**
- d. **Public Entities Crimes Certification**
- e. **Scrutinized Companies List Certification**

3. Subcontractors/Subconsultants/Suppliers Requirement

The Vendor shall submit a listing of all subcontractors, subconsultants, and major material suppliers, if any, and the portion of the contract they will perform. Vendors must follow the instructions included on the **Subcontractors/Subconsultants/Suppliers Information Form** and submit as instructed.

D. Standard Agreement Language Requirements

1. The acceptance of or any exceptions taken to the terms and conditions of the County's Agreement shall be considered a part of a Vendor's submittal and will be considered by the Selection or Evaluation Committee.
2. The applicable Agreement terms and conditions for this solicitation are indicated in the Special Instructions to Vendors.
3. Vendors are required to review the applicable terms and conditions and submit the Agreement Exception Form. If the Agreement Exception Form is not provided with the submittal, it shall be deemed an affirmation by the Vendor that it accepts the Agreement terms and conditions as disclosed in the solicitation.
4. If exceptions are taken, the Vendor must specifically identify each term and condition with which it is taking an exception. Any exception not specifically listed is deemed waived. Simply identifying a section or article number is not sufficient to state an exception. Provide either a redlined version of the specific change(s) or specific proposed alternative language. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.
5. Submission of any exceptions to the Agreement does not denote acceptance by the County. Furthermore, taking exceptions to the County's terms and conditions may be viewed unfavorably by the Selection or Evaluation Committee and ultimately may impact the overall evaluation of a Vendor's submittal.

E. Evaluation Criteria

1. The Selection or Evaluation Committee will evaluate Vendors as per the **Evaluation Criteria**. The County reserves the right to obtain additional information from a Vendor.
2. Vendor has a continuing obligation to inform the County in writing of any material changes to the information it has previously submitted. The County reserves the right to request additional information from Vendor at any time.
3. For Request for Proposals, the following shall apply:
 - a. The Director of Purchasing may recommend to the Evaluation Committee to short list the most qualified firms prior to the Final Evaluation.
 - b. The Evaluation Criteria identifies points available; a total of 100 points is available.
 - c. If the Evaluation Criteria includes a request for pricing, the total points awarded for price is determined by applying the following formula:

$$\frac{(\text{Lowest Proposed Price}/\text{Vendor's Price}) \times (\text{Maximum Number of Points for Price})}{1} = \text{Price Score}$$
 - d. After completion of scoring, the County may negotiate pricing as in its best interest.
4. For Requests for Letters of Interest or Request for Qualifications, the following shall apply:
 - a. The Selection or Evaluation Committee will create a short list of the most qualified firms.
 - b. The Selection or Evaluation Committee will either:
 - i. Rank shortlisted firms; or

- ii. If the solicitation is part of a two-step procurement, shortlisted firms will be requested to submit a response to the Step Two procurement.

F. Demonstrations

If applicable, as indicated in Special Instructions to Vendors, Vendors will be required to demonstrate the nature of their offered solution. After receipt of submittals, all Vendors will receive a description of, and arrangements for, the desired demonstration. In accordance with Section 286.0113 of the Florida Statutes and pursuant to the direction of the Broward County Board of Commissioners, demonstrations are closed to only the vendor team and County staff.

G. Presentations

Vendors that are found to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) will have an opportunity to make an oral presentation to the Selection or Evaluation Committee on the Vendor's approach to this project and the Vendor's ability to perform. The committee may provide a list of subject matter for the discussion. All Vendor's will have equal time to present but the question-and-answer time may vary. In accordance with Section 286.0113 of the Florida Statutes and the direction of the Broward County Board of Commissioners, presentations during Selection or Evaluation Committee Meetings are closed. Only the Selection or Evaluation Committee members, County staff and the vendor and their team scheduled for that presentation will be present in the Meeting Room during the presentation and subsequent question and answer period.

H. Public Art and Design Program

If indicated in **Special Instructions to Vendors**, Public Art and Design Program, Section 1-88, Broward County Code of Ordinances, applies to this project. It is the intent of the County to functionally integrate art, when applicable, into capital projects and integrate artists' design concepts into this improvement project. The Vendor may be required to collaborate with the artist(s) on design development within the scope of this request. Artist(s) shall be selected by Broward County through an independent process. For additional information, contact the Broward County Cultural Division.

I. Committee Appointment

The Cone of Silence shall be in effect for County staff at the time of the Selection or Evaluation Committee appointment and for County Commissioners and Commission staff at the time of the Shortlist Meeting of the Selection Committee or the Initial Evaluation Meeting of the Evaluation Committee. The committee members appointed for this solicitation are available on the Purchasing Division's website under Committee Appointment.

J. Committee Questions, Request for Clarifications, Additional Information

At any committee meeting, the Selection or Evaluation Committee members may ask questions, request clarification, or require additional information of any Vendor's submittal or proposal. It is highly recommended Vendors attend to answer any committee questions (if requested), including a Vendor representative that has the authority to bind.

Vendor's answers may impact evaluation (and scoring, if applicable). Upon written request to the Purchasing Agent prior to the meeting, a conference call number will be made available for Vendor participation via teleconference. Only Vendors that are found to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) are requested to participate in a final (or presentation) Selection or Evaluation committee meeting.

K. Vendor Questions

The County provides a specified time for Vendors to ask questions and seek clarification regarding solicitation requirements. All questions or clarification inquiries must be submitted through BidSync by the date and time referenced in the solicitation document (including any addenda). The County will respond to questions via Bid Sync.

L. Confidential Material/ Public Records and Exemptions

1. Broward County is a public agency subject to Chapter 119, Florida Statutes. Upon receipt, all submittals become "public records" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes. Submittals may be posted on the County's public website or included in a public records request response unless there is a declaration of "confidentiality" pursuant to the public records law and in accordance with the procedures in this section.
2. Any confidential material(s) the Vendor asserts is exempt from public disclosure under Florida Statutes must be labeled as "Confidential", and marked with the specific statute and subsection asserting exemption from Public Records.
3. To submit confidential material, three hardcopies must be submitted in a sealed envelope, labeled with the solicitation number, title, date and the time of solicitation opening to:

Broward County Purchasing Division
115 South Andrews Avenue, Room 212
Fort Lauderdale, FL 33301

4. Material will not be treated as confidential if the Vendor does not cite the applicable Florida Statute(s) allowing the document to be treated as confidential.
5. Any materials that the Vendor claims to be confidential and exempt from public records must be marked and separated from the submittal. If the Vendor does not comply with these instructions, the Vendor's claim for confidentiality will be deemed as waived.
6. Submitting confidential material may impact full discussion of your submittal by the Selection or Evaluation Committee because the Committee will be unable to discuss the details contained in the documents cloaked as confidential at the publicly noticed Committee meeting.

M. Copyrighted Materials

Copyrighted material is not exempt from the Public Records Law, Chapter 119, Florida Statutes. Submission of copyrighted material in response to any solicitation will constitute a license and permission for the County to make copies (including electronic copies) as reasonably necessary for the use by County staff and agents, as well as to make the materials available for inspection or production pursuant to Public Records Law, Chapter 119, Florida Statutes.

N. State and Local Preferences

If the solicitation involves a federally funded project where the fund requirements prohibit the use of state and/or local preferences, such preferences contained in the Local Preference Ordinance and Broward County Procurement Code will not be applied in the procurement process.

O. Local Preference

The following local preference provisions shall apply except where otherwise prohibited by federal or state law or other funding source restrictions.

For all competitive solicitations in which objective factors used to evaluate the responses from vendors are assigned point totals:

- a. Five percent (5%) of the available points (for example, five points of a total 100 points) shall be awarded to each locally based business and to each joint venture composed solely of locally based businesses, as applicable;
- b. Three percent (3%) of the available points shall be awarded to each locally based subsidiary and to each joint venture that is composed solely of locally based subsidiaries, as applicable; and
- c. For any other joint venture, points shall be awarded based upon the respective proportion of locally based businesses' and locally based subsidiaries' equity interests in the joint venture.

If, upon the completion of final rankings (technical and price combined, if applicable) by the evaluation committee, a nonlocal vendor is the highest ranked vendor and one or more Local Businesses (as defined by Section 1-74 of the Broward County Code of Ordinances) are within five percent (5%) of the total points obtained by the nonlocal vendor, the highest ranked Local Business shall be deemed to be the highest ranked vendor overall, and the County shall proceed to negotiations with that vendor. If impasse is reached, the County shall next proceed to negotiations with the next highest ranked Local Business that was within five percent (5%) of the total points obtained by the nonlocal vendor, if any.

Refer to Section 1-75 of the Broward County Local Preference Ordinance and the **Location Certification Form** for further information.

P. Tiebreaker Criteria

In accordance with Section 21.31.d of the Broward County Procurement Code, the tiebreaker criteria shall be applied based upon the information provided in the Vendor's response to the solicitation. In order to receive credit for any tiebreaker criterion, complete and accurate information must be contained in the Vendor's submittal.

1. Local Certification Form;
2. Domestic Partnership Act Certification (Requirement and Tiebreaker);
3. Tiebreaker Criteria Form: Volume of Work Over Five Years

Q. Posting of Solicitation Results and Recommendations

The Broward County Purchasing Division's website is the location for the County's posting of all solicitations and contract award results. It is the obligation of each Vendor to monitor the website in order to obtain complete and timely information.

R. Review and Evaluation of Responses

A Selection or Evaluation Committee is responsible for recommending the most qualified Vendor(s). The process for this procurement may proceed in the following manner:

1. The Purchasing Division delivers the solicitation submittals to agency staff for summarization for the committee members. Agency staff prepares a report, including a matrix of responses submitted by the Vendors. This may include a technical review, if applicable.

2. Staff identifies any incomplete responses. The Director of Purchasing reviews the information and makes a recommendation to the Selection or Evaluation Committee as to each Vendor's responsiveness to the requirements of the solicitation. The final determination of responsiveness rests solely on the decision of the committee.
3. At any time prior to award, the awarding authority may find that a Vendor is not responsible to receive a particular award. The awarding authority may consider the following factors, without limitation: debarment or removal from the authorized Vendors list or a final decree, declaration or order by a court or administrative hearing officer or tribunal of competent jurisdiction that the Vendor has breached or failed to perform a contract, claims history of the Vendor, performance history on a County contract(s), an unresolved concern, or any other cause under this code and Florida law for evaluating the responsibility of a Vendor.

S. Vendor Protest

Sections 21.118 and 21.120 of the Broward County Procurement Code set forth procedural requirements that apply if a Vendor intends to protest a solicitation or proposed award of a contract and state in part the following:

1. Any protest concerning the solicitation or other solicitation specifications or requirements must be made and received by the County within seven business days from the posting of the solicitation or addendum on the Purchasing Division's website. Such protest must be made in writing to the Director of Purchasing. Failure to timely protest solicitation specifications or requirements is a waiver of the ability to protest the specifications or requirements.
2. Any protest concerning a solicitation or proposed award above the award authority of the Director of Purchasing, after the RLI or RFP opening, shall be submitted in writing and received by the Director of Purchasing within five business days from the posting of the recommendation of award for Invitation to Bids or the final recommendation of ranking for Request for Letters of Interest and Request for Proposals on the Purchasing Division's website.
3. Any actual or prospective Vendor who has a substantial interest in and is aggrieved in connection with the proposed award of a contract that does not exceed the amount of the award authority of the Director of Purchasing, may protest to the Director of Purchasing. The protest shall be submitted in writing and received within three (3) business days from the posting of the recommendation of award for Invitation to Bids or the final recommendation of ranking for Request for Letters of Interest and Request for Proposals on the Purchasing Division's website.
4. For purposes of this section, a business day is defined as Monday through Friday between 8:30 a.m. and 5:00 p.m. Failure to timely file a protest within the time prescribed for a proposed contract award shall be a waiver of the Vendor's right to protest.
5. As a condition of initiating any protest, the protestor shall present the Director of Purchasing a nonrefundable filing fee in accordance with the table below.

<u>Estimated Contract Amount</u>	<u>Filing Fee</u>
\$30,000 - \$250,000	\$ 500
\$250,001 - \$500,000	\$1,000
\$500,001 - \$5 million	\$3,000
Over \$5 million	5,000

If no contract proposal amount was submitted, the estimated contract amount shall be the County's estimated contract price for the project. The County may accept cash, money order, certified check,

or cashier's check, payable to Broward County Board of Commissioners.

T. Right of Appeal

Pursuant to Section 21.83.d of the Broward County Procurement Code, any Vendor that has a substantial interest in the matter and is dissatisfied or aggrieved in connection with the Selection or Evaluation Committee's determination of responsiveness may appeal the determination pursuant to Section 21.120 of the Broward County Procurement Code.

1. The appeal must be in writing and sent to the Director of Purchasing within ten (10) calendar days of the determination by the Selection or Evaluation Committee to be deemed timely.
2. As required by Section 21.120, the appeal must be accompanied by an appeal bond by a Vendor having standing to protest and must comply with all other requirements of this section.
3. The institution and filing of an appeal is an administrative remedy to be employed prior to the institution and filing of any civil action against the County concerning the subject matter of the appeal.

U. Rejection of Responses

The Selection or Evaluation Committee may recommend rejecting all submittals as in the best interests of the County. The rejection shall be made by the Director of Purchasing, except when a solicitation was approved by the Board, in which case the rejection shall be made by the Board.

V. Negotiations

The County intends to conduct the first negotiation meeting no later than two weeks after approval of the final ranking as recommended by the Selection or Evaluation Committee. At least one of the representatives for the Vendor participating in negotiations with the County must be authorized to bind the Vendor. In the event that the negotiations are not successful within a reasonable timeframe (notification will be provided to the Vendor) an impasse will be declared and negotiations with the first-ranked Vendor will cease. Negotiations will begin with the next ranked Vendor, etc. until such time that all requirements of Broward County Procurement Code have been met. In accordance with Section 286.0113 of the Florida Statutes and the direction of the Broward County Board of Commissioners, negotiations resulting from Selection or Evaluation Committee Meetings are closed. Only County staff and the selected vendor and their team will be present during negotiations.

W. Submittal Instructions:

1. Broward County does not require any personal information (as defined under Section 501.171, Florida Statutes), such as social security numbers, driver license numbers, passport, military ID, bank account or credit card numbers, or any personal pin numbers, in order to submit a response for ANY Broward County solicitation. DO NOT INCLUDE any personal information data in any document submitted to the County. If any personal information data is part of a submittal, this information must be redacted prior to submitting a response to the County.
2. Vendor MUST submit its solicitation response electronically and MUST confirm its submittal in order for the County to receive a valid response through BidSync. It is the Vendor's sole responsibility to assure its response is submitted and received through BidSync by the date and time specified in the solicitation.
3. The County will not consider solicitation responses received by other means. Vendors are encouraged to submit their responses in advance of the due date and time specified in the solicitation document. In

the event that the Vendor is having difficulty submitting the solicitation document through Bid Sync, immediately notify the Purchasing Agent and then contact BidSync for technical assistance.

4. Vendor must view, submit, and/or accept each of the documents in BidSync. Web-fillable forms can be filled out and submitted through BidSync.
5. After all documents are viewed, submitted, and/or accepted in BidSync, the Vendor must upload additional information requested by the solicitation (i.e. Evaluation Criteria and Financials Statements) in the Item Response Form in BidSync, under line one (regardless if pricing requested).
6. Vendor should upload responses to Evaluation Criteria in Microsoft Word or Excel format.
7. If the Vendor is declaring any material confidential and exempt from Public Records, refer to Confidential Material/ Public Records and Exemptions for instructions on submitting confidential material.
8. After all files are uploaded, Vendor must submit and CONFIRM its offer (by entering password) for offer to be received through BidSync.
9. If a solicitation requires an original Proposal Bond (per Special Instructions to Vendors), Vendor must submit in a sealed envelope, labeled with the solicitation number, title, date and the time of solicitation opening to:

Broward County Purchasing Division
115 South Andrews Avenue, Room 212
Fort Lauderdale, FL 33301

A copy of the Proposal Bond should also be uploaded into Bid Sync; this does not replace the requirement to have an original proposal bond. Vendors must submit the original Proposal Bond, by the solicitation due date and time.

Supplier: EXP

Office of Economic and Small Business Requirements: CBE Goal Participation

- A. In accordance with the Broward County Business Opportunity Act of 2012, Section 1-81, Code of Ordinances, as amended (the "Business Opportunity Act"), the County Business Enterprise (CBE) Program is applicable to this contract. All Vendors responding to this solicitation are required to utilize CBE firms to perform the assigned participation goal for this contract.
- B. The CBE participation goal will be established based on the expected expenditure amount for the proposed scope of services for the project. The Office of Economic and Small Business Development (OESBD) will not include alternate items, optional services or allowances when establishing the CBE participation goal. If the County subsequently chooses to award any alternate items, optional services or allowances as determined by OESBD and the Contract Administrator to be related to the scope of services, OESBD may apply the established CBE participation goal. In such an instance, the County will issue a written notice to the successful Vendor that the CBE participation goal will also apply to the alternate items, optional services or allowances. Vendor shall submit all required forms pertaining to its compliance with the CBE participation goal, as applicable. Failure by Vendor to submit the required forms may result in the rejection of Vendor's solicitation submittal prior to the award or failure to comply with the contract requirements may have an impact on the vendor performance evaluation post award, as applicable.
- C. CBE Program Requirements: Compliance with CBE participation goal requirements is a matter of responsibility; Vendor should submit all required forms and information with its solicitation submittal. If the required forms and information are not provided with the Vendor's solicitation submittal, then Vendor must supply the required forms and information no later than three (3) business days after request by OESBD. Vendor may be deemed non-responsible for failure to fully comply with CBE Program Requirements within these stated timeframes.
1. Vendor should include in its solicitation submittal a **Letter Of Intent Between Bidder/Offeror and County Business Enterprise (CBE) Subcontractor/Supplier** for each CBE firm the Vendor intends to use to achieve the assigned CBE participation goal. The form is available at the following link: <http://www.broward.org/EconDev/Documents/CBELetterOfIntent.pdf>
 2. If Vendor is unable to attain the CBE participation goal, Vendor should include in its solicitation submittal an **Application for Evaluation of Good Faith Efforts** and all of the required supporting information. The form is available at the following link: <http://www.broward.org/EconDev/WhatWeDo/Documents/GoodFaithEffortEval.pdf>
- D. OESBD maintains an online directory of CBE firms. The online directory is available for use by Vendors at <https://webapps4.broward.org/smallbusiness/sbdirectory.aspx>.
- E. For detailed information regarding the CBE Program contact the OESBD at (954) 357-6400 or visit the website at: <http://www.broward.org/EconDev/SmallBusiness/>
- F. If awarded the contract, Vendor agrees to and shall comply with all applicable requirements of the Business Opportunity Act and the CBE Program in the award and administration of the contract.
1. No party to this contract may discriminate on the basis of race, color, sex, religion, national origin, disability, age, marital status, political affiliation, sexual orientation, pregnancy, or gender identity and expression in the performance of this contract.
 2. All entities that seek to conduct business with the County, including Vendor or any Prime Contractors, Subcontractors, and Bidders, shall conduct such business activities in a fair and

reasonable manner, free from fraud, coercion, collusion, intimidation, or bad faith. Failure to do so may result in the cancellation of this solicitation, cessation of contract negotiations, revocation of CBE certification, and suspension or debarment from future contracts.

3. If Vendor fails to meet or make Good Faith Efforts (as defined in the Business Opportunity Act) to meet the CBE participation commitment (the "Commitment"), then Vendor shall pay the County liquidated damages in an amount equal to fifty percent (50%) of the actual dollar amount by which Vendor failed to achieve the Commitment, up to a maximum amount of ten percent (10%) of the total contract amount, excluding costs and reimbursable expenses. An example of this calculation is stated in Section 1-81.7, Broward County Code of Ordinances.
4. Vendor shall comply with all applicable requirements of the Business Opportunity Act in the award of this contract. Failure by Vendor to carry out any of these requirements shall constitute a material breach of the contract, which shall permit the County to terminate this contract or to exercise any other remedy provided under this contract, the Broward County Code of Ordinances, the Broward County Administrative Code, or other applicable laws, with all such remedies being cumulative.
5. Vendor shall pay its CBE subcontractors and suppliers, within fifteen (15) days following receipt of payment from the County, for all completed subcontracted work and supplies. If Vendor withholds an amount from CBE subcontractors or suppliers as retainage, such retainage shall be released and paid within fifteen (15) days following receipt of payment of retained amounts from the County.
6. Vendor understands that the County will monitor Vendor's compliance with the CBE Program requirements. Vendor must provide OESBD with a Monthly Utilization Report (MUR) to confirm its compliance with the Commitment agreed to in the contract; timely submission of the MUR every month throughout the term of the contract, including amendment and extension terms, is a condition precedent to the County's payment of Vendor under the contract.

Supplier: EXP**VENDOR QUESTIONNAIRE AND STANDARD CERTIFICATIONS**
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

Vendor should complete questionnaire and complete and acknowledge the standard certifications and submit with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

If a response requires additional information, the Vendor should upload a written detailed response with submittal; each response should be numbered to match the question number. The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the Vendor Questionnaire be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name:
2. Doing Business As/Fictitious Name (if applicable):
3. Federal Employer I.D. no. (FEIN):
4. Dun and Bradstreet No.:
5. Website address (if applicable):
6. Principal place of business address:
7. Office location responsible for this project:
8. Telephone no.: Fax no.:
9. Type of business (check appropriate box):
 - ☐ Corporation (specify the state of incorporation):
 - ☐ Sole Proprietor
 - ☐ Limited Liability Company (LLC)
 - ☐ Limited Partnership
 - ☐ General Partnership (State and County filled in)
 - ☐ Other – Specify
10. List [Florida Department of State, Division of Corporations](#) document number (or registration number if fictitious name):
11. List name and title of each principal, owner, officer, and major shareholder:
 - a)
 - b)
 - c)
 - d)
12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:
Name:
Title:
E-mail:
Telephone No.:

Name:
Title:
E-mail:
Telephone No.:
13. Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response. ☐ Yes ☐ No
14. Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted.
☐ Yes ☐ No
15. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☐ No
16. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response. ☐ Yes ☐ No
17. Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response. ☐ Yes ☐ No
18. Has your firm's surety ever intervened to assist in the completion of a contract or have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached written response, including contact information for owner and surety. ☐ Yes ☐ No

19. Has your firm ever failed to complete any work awarded to you, services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☐ No
20. Has your firm ever been terminated from a contract within the last three years? If yes, specify details in an attached written response. ☐ Yes ☐ No
21. Living Wage solicitations only: In determining what, if any, fiscal impact(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of the contract.
Living Wage had an effect on the pricing Yes ☐ No ☐
If yes, Living Wage increased the pricing by % or decreased the pricing by %.
22. Participation in Solicitation Development:
☐ I have not participated in the preparation or drafting of any language, scope, or specification that would provide my firm or any affiliate an unfair advantage of securing this solicitation that has been let on behalf of Broward County Board of County Commissioners.
☐ I have provided information regarding the specifications and/or products listed in this solicitation that has been let on behalf of Broward County Board of County Commissioners.
If this box is checked, provide the following:
Name of Person the information was provided:
Title:
Date information provided:
For what purpose was the information provided?

Cone of Silence Requirement Certification:

The Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances prohibits certain communications among Vendors, Commissioners, County staff, and Selection or Evaluation Committee members. Identify on a separate sheet any violations of this Ordinance by any members of the responding firm or its joint ventures. After the application of the Cone of Silence, inquiries regarding this solicitation should be directed to the Director of Purchasing or designee. The Cone of Silence terminates when the County Commission or other awarding authority takes action which ends the solicitation.

The Vendor hereby certifies that: (check each box)

- ☐ The Vendor has read Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances; and
- ☐ The Vendor understands that the Cone of Silence for this competitive solicitation shall be in effect beginning upon the appointment of the Selection or Evaluation Committee, for communication regarding this solicitation with the County Administrator, Deputy County Administrator, Assistant County Administrators, and Assistants to the County Administrator and their respective support staff or any person, including Evaluation or Selection Committee members, appointed to evaluate or recommend selection in this RFP/RLI process. For Communication with County Commissioners and Commission staff, the Cone of Silence allows communication until the initial Evaluation or Selection Committee Meeting.
- ☐ The vendor understands that they may communicate with a representative of the Office of Economic and Small Business Development ("OESBD") at any time regarding a solicitation or regarding participation of Small Business Enterprises or County Business Enterprises in a solicitation. OESBD may be contacted at (954)357- 6400. The Cone of Silence also permits communication with certain other County employees (refer to the Cone of Silence Ordinance).
- ☐ The Vendor agrees to comply with the requirements of the Cone of Silence Ordinance.

Drug-Free Workplace Requirements Certification:

Section 21.31.a. of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board award be made only to firms certifying the establishment of a drug free workplace program. The program must consist of:

1. Publishing a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the offeror's workplace, and specifying the actions that will be taken against employees for violations of such prohibition;
2. Establishing a continuing drug-free awareness program to inform its employees about:
 - a. The dangers of drug abuse in the workplace;
 - b. The offeror's policy of maintaining a drug-free workplace;
 - c. Any available drug counseling, rehabilitation, and employee assistance programs; and
 - d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
3. Giving all employees engaged in performance of the contract a copy of the statement required by subparagraph 1;

4. Notifying all employees, in writing, of the statement required by subparagraph 1, that as a condition of employment on a covered contract, the employee shall:
 - a. Abide by the terms of the statement; and
 - b. Notify the employer in writing of the employee's conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or of any state, for a violation occurring in the workplace NO later than five days after such conviction.
5. Notifying Broward County government in writing within 10 calendar days after receiving notice under subdivision 4.b above, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;
6. Within 30 calendar days after receiving notice under subparagraph 4 of a conviction, taking one of the following actions with respect to an employee who is convicted of a drug abuse violation occurring in the workplace:
 - a. Taking appropriate personnel action against such employee, up to and including termination; or
 - b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency; and
7. Making a good faith effort to maintain a drug-free workplace program through implementation of subparagraphs 1 through 6.

The Vendor hereby certifies that: (check box)

- ☐ The Vendor certifies that it has established a drug free workplace program in accordance with the above requirements.

Non-Collusion Certification:

Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. Failure of a Vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

The Vendor hereby certifies that: (select one)

- ☐ The Vendor certifies that this offer is made independently and free from collusion; or
- ☐ The Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

Public Entities Crimes Certification:

In accordance with Public Entity Crimes, Section 287.133, Florida Statutes, a person or affiliate placed on the convicted vendor list following a conviction for a public entity crime may not submit on a contract to provide any goods or services; for construction or repair of a public building or public work; for leases of real property to a public entity; and may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for Category Two for a period of 36 months following the date of being placed on the convicted vendor list.

The Vendor hereby certifies that: (check box)

- ☐ The Vendor certifies that no person or affiliates of the Vendor are currently on the convicted vendor list and/or has not been found to commit a public entity crime, as described in the statutes.

Scrutinized Companies List Certification:

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than \$1 million.

The Vendor hereby certifies that: (check each box)

- ☐ The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4275, Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

- ☐ The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- ☐ If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

I hereby certify the information provided in the Vendor Questionnaire and Standard Certifications:

*AUTHORIZED SIGNATURE/NAME

TITLE

DATE

Vendor Name:

* I certify that I am authorized to sign this solicitation response on behalf of the Vendor as indicated in Certificate as to Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. As the Vendor's authorized representative, I attest that any and all statements, oral, written or otherwise, made in support of the Vendor's response, are accurate, true and correct. I also acknowledge that inaccurate, untruthful, or incorrect statements made in support of the Vendor's response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Procurement Code. I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).

Supplier: **EXP**

LOBBYIST REGISTRATION REQUIREMENT CERTIFICATION FORM

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Vendor certifies that it understands if it has retained a lobbyist(s) to lobby in connection with a competitive solicitation, it shall be deemed non-responsive unless the firm, in responding to the competitive solicitation, certifies that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances; and it understands that if, after awarding a contract in connection with the solicitation, the County learns that the certification was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis, exercise any contractual right to terminate the contract for convenience.

The Vendor hereby certifies that: (select one)

- ☐ It has not retained a lobbyist(s) to lobby in connection with this competitive solicitation; however, if retained after the solicitation, the County will be notified.
- ☐ It has retained a lobbyist(s) to lobby in connection with this competitive solicitation and certified that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances.

It is a requirement of this solicitation that the names of any and all lobbyists retained to lobby in connection with this solicitation be listed below:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

Authorized Signature/Name: Date:

Title:

Vendor Name:

Supplier: **EXP****LITIGATION HISTORY FORM**

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- ☐ There are no material cases for this Vendor; or
- ☐ Material Case(s) are disclosed below:

Is this for a: (check type) <input type="checkbox"/> Parent, <input type="checkbox"/> Subsidiary, or <input type="checkbox"/> Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No <input type="checkbox"/>
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: Email: kyle.henry@exp.com Telephone Number:

Vendor Name: **EXP U.S. Services Inc.**

Supplier: **EXP****DOMESTIC PARTNERSHIP ACT CERTIFICATION FORM (REQUIREMENT AND TIEBREAKER)**

Refer to Special Instructions to identify if Domestic Partnership Act is a requirement of the solicitation or acts only as a tiebreaker. If Domestic Partnership is a requirement of the solicitation, the completed and signed form should be returned with the Vendor's submittal. If the form is not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes. To qualify for the Domestic Partnership tiebreaker criterion, the Vendor must currently offer the Domestic Partnership benefit and the completed and signed form must be returned at time of solicitation submittal.

The Domestic Partnership Act, Section 16 ½ -157, Broward County Code of Ordinances, requires all Vendors contracting with the County, in an amount over \$100,000 provide benefits to Domestic Partners of its employees, on the same basis as it provides benefits to employees' spouses, with certain exceptions as provided by the Ordinance.

For all submittals over \$100,000.00, the Vendor, by virtue of the signature below, certifies that it is aware of the requirements of Broward County's Domestic Partnership Act, Section 16-½ -157, Broward County Code of Ordinances; and certifies the following: (check only one below).

- ☐ 1. The Vendor currently complies with the requirements of the County's Domestic Partnership Act and provides benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses
- ☐ 2. The Vendor will comply with the requirements of the County's Domestic Partnership Act at time of contract award and provide benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses.
- ☐ 3. The Vendor will not comply with the requirements of the County's Domestic Partnership Act at time of award.
- ☐ 4. The Vendor does not need to comply with the requirements of the County's Domestic Partnership Act at time of award because the following exception(s) applies: **(check only one below)**.
 - ☐ The Vendor is a governmental entity, not-for-profit corporation, or charitable organization.
 - ☐ The Vendor is a religious organization, association, society, or non-profit charitable or educational institution.
 - ☐ The Vendor provides an employee the cash equivalent of benefits. (Attach an affidavit in compliance with the Act stating the efforts taken to provide such benefits and the amount of the cash equivalent).
 - ☐ The Vendor cannot comply with the provisions of the Domestic Partnership Act because it would violate the laws, rules or regulations of federal or state law or would violate or be inconsistent with the terms or conditions of a grant or contract with the United States or State of Florida. Indicate the law, statute or regulation (State the law, statute or regulation and attach explanation of its applicability).

Tim Nuemann	Executive Vice	EXP U.S. Services Inc.	04/21/2021
Authorized Signature/Name	President	Vendor Name	Date
	Title		

Supplier: **EXP**

AFFILIATED ENTITIES OF THE PRINCIPAL(S) CERTIFICATION FORM

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- a. All Vendors are required to disclose the names and addresses of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County.
- b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
- c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

The Vendor hereby certifies that: (select one)

- ☐ No principal of the proposing Vendor has prior affiliations that meet the criteria defined as "Affiliated entities"
- ☐ Principal(s) listed below have prior affiliations that meet the criteria defined as "Affiliated entities"

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Authorized Signature Name: **Tim Neumann**

Title: **Executive Vice President**

Vendor Name: **EXP U.S. Services Inc.**

Date: **04/21/2021**

Supplier: **EXP**

LOCATION CERTIFICATION FORM

Refer to applicable sections for submittal instructions. Failure to submit required forms or information by stated timeframes will deem vendor ineligible for local preference or location tiebreaker.

Broward County Code of Ordinances, Section 1-74, et seq., provides certain preferences to Local Businesses, Locally Based Businesses, and Locally Based Subsidiaries, and the Broward County Procurement Code provides location as the first tiebreaker criteria. Refer to the ordinance for additional information regarding eligibility for local preference.

For Invitation for Bids:

To be eligible for the Local Preference best and final offer ("BAFO") and location tiebreaker, the Vendor **must** submit this fully completed form and a copy of its Broward County local business tax receipt **at the same time it submits its bid. Vendors who fail to comply with this submittal deadline will not be eligible for either the BAFO or the location tiebreaker.**

For Request for Proposals (RFPs), Request for Letters of Interest (RLIs), or Request for Qualifications (RFQs):

For Local Preference eligibility, the Vendor **should** submit this fully **completed form and all Required Supporting Documentation** (as indicated below) at the time Vendor submits its response to the procurement solicitation. If not provided with submittal, the Vendor **must** submit within three business days after County's written request. Failure to submit required forms or information by stated timeframes will deem the Vendor ineligible for local preference.

To be eligible for the location tiebreaker, **the Vendor must submit this fully completed form and a copy of its Broward County local business tax receipt at the same time it submits its response.** Vendors who fail to comply with this submittal deadline will not be eligible for the location tiebreaker.

The undersigned Vendor hereby certifies that (check the box for only one option below):

- ☐ **Option 1:** The Vendor is a **Local Business**, but does not qualify as a **Locally Based Business** or a **Locally Based Subsidiary**, as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:
- A. It has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
- i. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - ii. in an area zoned for the conduct of such business,
 - iii. that the Vendor owns or has the legal right to use, and
 - iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the "Local Business Location").

If Option 1 selected, indicate **Local Business Location**:

- ☐ **Option 2:** The Vendor is both a **Local Business** and a **Locally Based Business** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:
- A. The Vendor has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
 - i. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - ii. in an area zoned for the conduct of such business,
 - iii. that the Vendor owns or has the legal right to use, and
 - iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation as so defined, the "Local Business Location");
 - B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
 - C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
 - D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
 - E. Less than fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the Vendor owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County is .

If Option 2 selected, indicate **Local Business Location**:

- ☐ **Option 3:** The Vendor is both a **Local Business** and a **Locally Based Subsidiary** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:
- A. The Vendor has continuously maintained:
 - i. for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
 - ii. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - iii. in an area zoned for the conduct of such business,
 - iv. that the Vendor owns or has the legal right to use, and
 - v. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward

County in connection with the applicable competitive solicitation (as so defined, the "Local Business Location");

- B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
- C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
- D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
- E. At least fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the Vendor owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County is .

If Option 3 selected, indicate **Local Business Location**:

- ☐ **Option 4:** The Vendor is a **joint venture** composed of one or more Local Businesses, Locally Based Businesses, or Locally Based Subsidiaries, as each term is defined by Section 1-74, Broward County Code of Ordinances. Fill in blanks with percentage equity interest or list "N/A" if section does not apply. The Vendor further certifies that:

- A. The proportion of equity interests in the joint venture owned by **Local Business(es)** (each Local Business must comply with all of the requirements stated in Option 1) is % of the total equity interests in the joint venture; and/or
- B. The proportion of equity interests in the joint venture owned by **Locally Based Business(es)** (each Locally Based Business must comply with all of the requirements stated in Option 2) is % of the total equity interests in the joint venture; and/or
- C. The proportion of equity interests in the joint venture owned by **Locally Based Subsidiary(ies)** (each Locally Based Subsidiary must comply with all of the requirements stated in Option 3) is % of the total equity interests in the joint venture.

If Option 4 selected, indicate the Local Business Location(s) (es) on separate sheet.

- ☐ **Option 5:** Vendor is not a Local Business, a Locally Based Business, or a Locally Based Subsidiary, as each term is defined by Section 1-74, Broward County Code of Ordinances.

Required Supporting Documentation (in addition to this form):

Option 1 or 2 (**Local Business** or **Locally Based Business**):

1. Broward County local business tax receipt.

Option 3 (**Locally Based Subsidiary**)

1. Broward County local business tax receipt.
2. Documentation identifying the Vendor's vertical corporate organization and names of parent entities if the Vendor is a Locally Based Subsidiary.

Option 4 (**joint venture** composed of one or more Local Business(es), Locally Based Business(es), or Locally Based Subsidiary(ies):

1. Broward County local business tax receipt(s) for each Local Business(es), Locally Based Business(es), and/or Locally Based Subsidiary(ies).
2. Executed joint venture agreement, if the Vendor is a joint venture.
3. If joint venture is comprised of one or more Locally Based Subsidiary(ies), submit documentation identifying the vertical corporate organization and parent entities name(s) of each Locally Based Subsidiary.

If requested by County (any option):

1. Written proof of the Vendor's ownership or right to use the real property at the Local Business Location.
2. Additional documentation relating to the parent entities of the Vendor.
3. Additional documentation demonstrating the applicable percentage of equity interests in the joint venture, if not shown in the joint venture agreement.
4. Any other documentation requested by County regarding the location from which the activities of the Vendor are directed, controlled, and coordinated.

By submitting this form, the Vendor certifies that if awarded a contract, it is the intent of the Vendor to remain at the Local Business Location address listed below (or another qualifying Local Business Location within Broward County) for the duration of the contract term, including any renewals or extensions. (If nonlocal Vendor, leave Local Business Location blank.)

Indicate Local Business Location:

True and Correct Attestations:

Any misleading, inaccurate, or false information or documentation submitted by any party affiliated with this procurement may lead to suspension and/or debarment from doing business with Broward County as authorized by the Broward County Procurement Code. The Vendor understands that, if after contract award, the County learns that any of the information provided by the Vendor on this form was false, and the County determines, upon investigation, that the Vendor's provision of such false information was willful or intentional, the County may exercise any contractual right to terminate the contract. The provision of false or fraudulent information or documentation by a Vendor may subject the Vendor to civil and criminal penalties.

AUTHORIZED SIGNATURE/NAME:

TITLE:

VENDOR NAME:

DATE:

Supplier: EXP**AGREEMENT EXCEPTION FORM**

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, it shall be deemed an affirmation by the Vendor that it accepts the terms and conditions of the County's Agreement as disclosed in the solicitation.

The Vendor must either provide specific proposed alternative language on the form below. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

- ☐ There are no exceptions to the terms and conditions of the County Agreement as referenced in the solicitation; or
- ☐ The following exceptions are disclosed below: (use additional forms as needed; separate each Article/ Section number)

Term or Condition Article / Section	Insert version of exception or specific proposed alternative language	Provide brief justification for change

Vendor Name:


Supplier: **EXP**

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

The following forms and supporting information (if applicable) should be returned with Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

- A. The Vendor shall submit a listing of all subcontractors, subconsultants and major material suppliers (firms), if any, and the portion of the contract they will perform. A major material supplier is considered any firm that provides construction material for construction contracts, or commodities for service contracts in excess of \$50,000, to the Vendor.
- B. If participation goals apply to the contract, only non-certified firms shall be identified on the form. A non-certified firm is a firm that is not listed as a firm for attainment of participation goals (ex. County Business Enterprise or Disadvantaged Business Enterprise), if applicable to the solicitation.
- C. This list shall be kept up-to-date for the duration of the contract. If subcontractors, subconsultants or suppliers are stated, this does not relieve the Vendor from the prime responsibility of full and complete satisfactory performance under any awarded contract.
- D. After completion of the contract/final payment, the Vendor shall certify the final list of non-certified subcontractors, subconsultants, and suppliers that performed or provided services to the County for the referenced contract.
- E. The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, state "none" on this form. Use additional sheets as needed. Vendor should scan and upload any additional form(s) in BidSync.

 bold line separating sections

1. Subcontracted Firm's Name:

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

 bold line separating sections

2. Subcontracted Firm's Name:

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

3. Subcontracted Firm's Name:

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:



bold

4. Subcontracted Firm's Name:

separating

sections

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

I certify that the information submitted in this report is in fact true and correct to the best of my knowledge.

kyle.henry@exp.com

Authorized Signature/Name

Title

Vendor Name

Date

Supplier: EXP**VOLUME OF PREVIOUS WORK ATTESTATION FORM**

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to provide timely may affect the Vendor's evaluation.

This completed form MUST be included with the Vendor's submittal at the time of the opening deadline to be considered for a Tie Breaker criterion (if applicable).

Points assigned for Volume of Previous Work will be based on the amount paid-to-date by the County to a prime Vendor **MINUS** the Vendor's confirmed payments paid-to-date to approved certified County Business Enterprise (CBE) firms performing services as Vendor's subcontractor/subconsultant to obtain the CBE goal commitment as confirmed by County's Office of Economic and Small Business Development. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must list all received payments paid-to-date by contract as a prime vendor from Broward County Board of County Commissioners. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must also list all total confirmed payments paid-to-date by contract, to approved certified CBE firms utilized to obtain the contract's CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	Prime: Paid to Date	CBE: Paid to Date
1.						
2.						
3.						
4.						
5.						
6.						
7.						

Grand Total

Has the Vendor been a member/partner of a Joint Venture firm that was awarded a contract by the County?

Yes ☐ No ☐

If Yes, Vendor must submit a **Joint Vendor Volume of Work Attestation Form**.

Vendor Name:

Authorized Signature/Name

Title

Date

VOLUME OF PREVIOUS WORK ATTESTATION JOINT VENTURE FORM

If applicable, this form and additional required documentation should be submitted with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting documentation may affect the Vendor's evaluation.

If a Joint Venture, the payments paid-to-date by contract provided must encompass the Joint Venture and each of the entities forming the Joint Venture. Points assigned for Volume of Previous Work will be based on the amount paid-to-date by contract to the Joint Venture firm **MINUS** all confirmed payments paid-to-date to approved certified CBE firms utilized to obtain the CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date. Amount will then be multiplied by the member firm's equity percentage.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	JV Equity Percent	Prime: Paid to Date	CBE: Paid to Date
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							

Grand Total

Vendor is required to submit an executed Joint Venture agreement(s) and any amendments for each project listed above. Each agreement must be executed prior to the opening date of this solicitation.

Vendor Name:

Authorized Signature/Name

Title

kyle.henry@exp.com
Date

Supplier: EXP



Finance and Administrative Services Department

PURCHASING DIVISION

115 S. Andrews Avenue, Room 212 • Fort Lauderdale, Florida 33301 • 954-357-6066 • FAX 954-357-8535

Summary of Vendor Rights Regarding Broward County Competitive Solicitations

The purpose of this document is to provide vendors with a summary of their rights to object to or protest a proposed award or recommended ranking of vendors in connection with Broward County competitive solicitations. These rights are fully set forth in the Broward County Procurement Code, which is available here: <https://www.broward.org/purchasing>.

1. Right to Object

The right to object is available for solicitations conducted through Requests for Proposals ("RFPs") or Requests for Letters of Interest ("RLIs"). In such solicitations, vendors may object in writing to a proposed recommendation of ranking made by a Selection or Evaluation Committee. Objections must be filed within three (3) business days after the proposed recommendation is posted on the Purchasing Division's website. The contents of an objection must comply with the requirements set forth in Section 21.84 of the Procurement Code. Failure to timely and fully meet any requirement will result in a loss of the right to object.

2. Right to Protest

The right to protest is available for RFPs and RLIs and in solicitations conducted through Invitations to Bid ("ITBs"). In RFPs and RLIs, vendors may protest a final recommendation of ranking made by a Selection or Evaluation Committee. In ITBs, vendors may protest a final recommendation for award made by the Broward County Purchasing Division.

In all cases, protests must be filed in writing within three (3) or five (5) business days after a recommended ranking or recommendation for award is posted on Purchasing Division's website. The timeframe for filing (*i.e.*, 3 or 5 business days) depends on the monetary value of the procurement. Additional requirements for a protest are set forth in Section 21.118 of the Procurement Code. Failure to timely and fully meet any requirement will result in a loss of protest rights.

Vendors may appeal the denial of a protest. Appeals may require payment of an appeal bond. Additional requirements for an appeal are set forth in Section 21.120 of the Procurement Code. Failure to timely and fully meet any requirement will result in a loss of appeal rights.

3. Cone of Silence; Right to Contact OESBD

Please be aware that a Cone of Silence remains in effect for competitive solicitations until a solicitation is completed or a contract is awarded. During that time period, vendors may not contact certain County officials and employees regarding a solicitation. Substantial penalties may result from even an unintentional violation. For further information, please contact the Purchasing Division at 954-357-6066 or refer to the Cone of Silence Ordinance which is available here: <https://www.broward.org/Purchasing/Documents/ConeOfSilence.pdf>.

However, vendors may communicate with a representative of the Office of Economic and Small Business Development ("OESBD") at any time regarding a solicitation or regarding participation of Small Business Enterprises or County Business Enterprises in a solicitation. OESBD may be contacted at (954) 357-6400. The Cone of Silence also permits communication with certain other County employees (please see the Cone of Silence Ordinance at the above link for further details).

Broward County Board of County Commissioners

Mark D. Bogen • Lamar P. Fisher • Beam Furr • Steve Geller • Dale V.C. Holness • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine

www.broward.org