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**MIAMI-DADE COUNTY, FLORIDA
REQUEST FOR DESIGN-BUILD SERVICES
MIAMI-DADE AVIATION DEPARTMENT (MDAD)
DESIGN-BUILD SERVICES FOR MIA SOUTH TERMINAL EXPANSION
EAST (NEW GATES) PHASE 1
SPD PROJECT NO: DB23AV01**

The County Mayor, Miami-Dade County, pursuant to Ordinance Section [2-8.2.12](#), Chapter [287.055](#), Sections [2-8.1](#) and [2-10.4](#) of the Miami-Dade County Code, Implementing Order [3-34](#), and Administrative Order [3-39](#), announces that the Miami-Dade Aviation Department (MDAD), will require one (1) qualified Design-Builder for the expansion of the existing Miami International Airport (MIA) South Terminal and the design and construction of a new Concourse K.

Participation Restrictions:

Pursuant to Florida Statute 287.055, "A design criteria professional who has been selected to prepare the design criteria package is not eligible to render services under a design-build contract executed pursuant to the design criteria package.

Pursuant to Florida Statute 287.055, "A design criteria professional who has been selected to prepare the design criteria package is not eligible to render services under a design-build contract executed pursuant to the design criteria package. The Design Criteria Professionals for the Project under Contract No. A18-MDAD-01A, Hill International, Inc and its sub-consultants, Bermello Ajamil and Partners, TYLIN International, Nifah and Partners Consulting Engineers, Inc, Alleguez Architecture, The Architectural Design Consortium, Inc, Fraga Engineers, LLC, PACO Technologies, Inc, TJJA Architects PA, Sharp 10 Group, and Balsera Communications.

The Prime under Contract No. A19-MDAD-02B, Leo A. Daly and its sub-consultants Master Consulting Engineers, Delta-G, Milian Swain & Associates, Laura Llerena & Associates, MOYE-TLC, and Brizaga who will be assisting MDAD in managing the contract are not eligible to render services on this project.

The Prime under Contract No. E16-MDAD-02B, Vic Thompson Company, who will also be assisting MDAD in managing the contract is not eligible to render services on this project.

The Prime under Contract No. A18-MDAD-01B, Turner & Townsend Heery, LLC is not eligible to render services on this project.

The Prime awarded the Bond Engineering Consulting Services PSA under ISD Project No. E20-MDAD-01, HNTB Corporation and its subconsultants Ambro, Inc, Goal Associates, Inc, Glass Land Acquisition Service Specialist and PDBM Consulting LLP will not be eligible to render services the design build contract awarded under this solicitation.

Scope of Services:

The Department has a need to establish a Design-Build Services contract for the expansion of the existing Miami International Airport (MIA) South Terminal and the design and construction of a new Concourse K with six (6) contact gates, associated apron and jet fuel hydrant service, a ground support equipment (GSE) maintenance facility and modifications to the existing Baggage Handling System (BHS) to provide for a crossover from the Central Terminal to the South Terminal and the installation of

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two (2) new make-up (carousel) facilities in the new Concourse K. The project is located east of the existing South Terminal.

The selected Design-Build Team shall provide design, project and construction management, surveying, additional geotechnical investigations, architectural and engineering designs, LEED Silver certification, Envision Silver certification, fire protection, vertical circulation elements, civil and utilities design, drainage, lighting, acoustical analysis, structural engineering, MEP engineering, wayfinding and signage, information technology (IT) systems, paging, security access systems, Audio/Visual Design, building management systems, cost estimates, schedules, Art in Public Places, environmental and building permitting, threshold inspections, landscaping, construction and construction administration, preparation and approval of shop drawings, start-up and commissioning and any supportive ancillary tasks required for the successful completion of the project.

Notable components of the scope of work are the following:

- A new three-level Concourse K, east of the existing South Terminal and Concourse J. This new concourse will match the existing finish level of the South Terminal and will provide six (6) contact gates with capabilities to receive and accommodate six (6) narrow body or three (3) wide body aircraft interchangeably.
- New apron grading, drainage and paving, pavement markings and apron lighting
- Three (3) remote hard stands with international capabilities to serve three (3) A350-900 aircraft or up to five (5) narrow body aircraft at one time or combination.
- New Jet fuel hydrant system and modifications to existing Concourse J fuel system.
- 400 Hz / Preconditioned Air (PCA) and Advanced Visual Docking Guidance System (A-VDGS).
- Passenger Boarding Bridges (PBB) with glass walls.
- Installation, relocation, modification, or demolition of numerous underground utilities.
- Information Technology (IT) systems such as Communications/Telephone, Security Access Card Reader System, CCTV, Public Address, Common Use Terminal Equipment (CUTE) System, Building Management System (BMS), Cable Television System (CATV), and Visual Information Display Systems (VIDS).
- Modifications to the existing cruise bus station terminal and NW 20th Street.
- MEP/FP and Lightning Protection Systems.
- Fire Alarm, Smoke Evacuation, and related life safety systems.
- A new two-story Ground Support Equipment (GSE) facility with a laydown paved area and vehicular parking, along with a single-story double height structure of non-airconditioned shop space and storage to accommodate ten (10) bays.
- GSE access road and perimeter hardening AOA fencing.
- A Central Terminal to South Terminal Baggage Handling System Crossover and Baggage Makeup System for New Concourse K.
- Battery Charging stations for GSE equipment.
- Modifications to the existing Concourse J Level 2 passenger South Checkpoint to add two (2) additional lanes per TSA latest standards.

One (1) design build contract will be awarded under this solicitation.

The awarded Design-Builder shall provide at its own cost the software, hardware, personnel, and training to utilize BIM (Building Information Modeling) methodology throughout the duration of this

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project. All work and development involving BIM shall comply with the MDAD BIM Standards Manual (BIM Manual).

Preferred Experience and Qualifications:

The Design-Builder should have ten (10) years of relevant experience as a Prime contractor or Design-Builder providing services similar to the stated Scope of Services, cost, and complexity of the project.

The Lead A/E should demonstrate experience as the A/E of Record on three (3) previously designed airport projects with similar scope, and delivery schedule as this project. The Lead A/E's Sub-consultants should demonstrate experience with two (2) previously designed airport projects of similar scope, and delivery schedule as described in the Scope of Services.

The Design-Builder's Lead Constructor should have experience in the last ten (10) years as the Prime contractor, Joint Venture Partner or as a Design-Builder on an airport Concourse or airport Terminal project with similar scope, cost, and complexity as this project. Design Builder's Lead Construction Manager and Assistant Lead Construction Manager should have ten (10) years of experience and/or three (3) projects for similar construction scope, complexity, and delivery schedule in a similarly responsible position.

The Design-Builder should demonstrate the experience and qualifications of the Project Team by presenting the experience and specific involvement and responsibilities of Key Personnel from each design or construction Team member as applicable in the following:

- Design of airport and non-airport projects of a similar scope and complexity that were successfully completed in the last ten (10) years.
- Completed construction of projects (airport, seaport, and non-airport) of a similar construction scope and level of complexity in the last ten (10) years.

The duration for the proposed design-build contract is one thousand four hundred eighty-five (1,485) calendar days.

A/E Technical Certification Requirements for the A/E Design Team:

LEAD A/E CONSULTANT:

4.01 Engineering Design

4.02 Architectural Design

LEAD A/E OR A/E SUBCONSULTANT:

3.01 Highway Systems – Site Development and Parking Lot Design

3.02 Highway Systems - Minor Highway Design

3.09 Highway Systems – Signing, Pavement Marking, and Channelization

3.10 Highway Systems - Lighting

6.01 Water and Sanitary Sewer Systems - Water Distribution And Sanitary Sewage Collection And Transmission Systems

8.00 Telecommunication Systems

9.02 Soils, Foundations and Materials Testing – Geotechnical and Material Engineering Services

9.03 Soils, Foundations and Materials Testing – Concrete and Asphalt Testing Services

9.04 Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections

9.05 Soils, Foundations and Materials Testing - Roof Testing and Consulting Services

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- 10.01 Environmental Engineering – Stormwater Drainage Design Engineering Services
- 10.05 Environmental Engineering – Contamination Assessment and Monitoring
- 10.06 Environmental Engineering – Remedial Action Plan Design
- 10.07 Environmental Engineering – Remedial Action plan Implementation/Operation/Maintenance
- 11.00 General Structural Engineering
- 12.00 General Mechanical Engineering
- 13.00 General Electrical Engineering
- 14.00 Architecture
- 15.01 Surveying and Mapping – Land Surveying
- 15.03 Surveying and Mapping – Underground Utility Location
- 16.00 General Civil Engineering
- 17.00 Engineering Construction Management
- 18.00 Architectural Construction Management
- 20.00 Landscape Architecture
- 22.00 ADA Title II Consultant

CONTRACT MEASURES

TBD

END OF DOCUMENT

Consultant Survey – Architecture, Engineering, and Design-Build Services

ISD Project No.	DB23AV01
Title:	DESIGN-BUILD SERVICES FOR MIA SOUTH TERMINAL EXPANSION EAST (NEW GATES) PHASE 1
A/E Consultant Selection Coordinator:	Jorge Vital

Please complete the form, and email to the attention of the A/E Consultant Selection Coordinator assigned to this project at: Jorge.Vital@miamidade.gov.

1. Are there any factors deterring your firm from pursuing the subject project? (Please check off applicable boxes or write a comment).

- Downloaded Future Solicitation document for information purposes only
- Our firm is not certified in the required technical category(ies)
- We are encountering difficulties in joining/creating a Team
- Our firm does not have the preferred/required experience
- Our firm is unable to meet the SBE/DBE goals
- We made the decision to not participate due to the preclusion language or potential Organizational Conflict of Interest
- We made a business decision to not pursue the subject project
- Other (you may enter your comments below)

Comments: