

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

The County Mayor, Miami-Dade County, pursuant to Chapter 287.055 of Florida Statutes, and Sections 2-8.1 and 2-10.4, and Ordinance 14-77 of the Miami-Dade County Code, Implementing Order (“I.O.”) 3-34, Administrative Order (“A.O.”) 3-39 announces that Miami-Dade Aviation Department (MDAD) will require design-build services 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 Statutes 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, TJJ Architects PA, Sharp 10 Group, and Balsera Communications.**

A proposer may not include in its key personnel or otherwise in its proposal any individual who played a role in the development or issuance of the Design Criteria Package or who was employed by the design criteria profession during the time period in which the Design Criteria was produced. Conflicts shall be evaluated by the County pursuant to the process identified in Section 1.18 Organizational Conflict of Interests (OCI). A firm including such individuals in its proposal shall remove such individuals at the direction of the County and may not proffer substituted personnel.

If any such individual is employed by any firm or entity included as part of the Proposer’s team, including by Proposer, but is not involved in the work of this solicitation, the proposer shall disclose same to the County and shall describe how any conflicts of interest between such individual, the Design Criteria Professional, and the County shall be mitigated pursuant to Section 1.18 Organizational Conflict of Interests (OCI). This disclosure obligation shall continue through the duration of the solicitation and if awarded throughout the contract.

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

The Prime under Contract No. A19-MDAD-02C, **Stantec Consulting Services, Inc** and its sub-consultant **TGA Consulting, LLC** who will be assisting MDAD in managing the contract are not eligible to render services on the 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 with the design and construction of a new Concourse K with six (6) contact gates, associated apron and jet fuel hydrant service, Cruise Bus Station and 20th Street Modifications, 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 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 (limited to Concourse K and GSE), Envision Silver certification, fire protection engineering, 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, 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 levels 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 thereof.
- 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 an extensive 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 with steel structure and canopies.
- 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.
- Per the Sustainable Buildings Program policy, all components of this project No. X078A (Project # 2000001371) must achieve ENVISION Silver certification at minimum; LEED Silver certification shall be limited to the Concourse K and/or GSE building, so long all infrastructure meets ENVISION Silver certification. Concourse K and/or GSE can be excluded from the ENVISION boundary at the discretion of the Design-Builder to pursue LEED Silver certification. The Design-Builder is responsible for submitting, and confirming that it has submitted, all necessary and requested data to ISI to attain the Envision Silver certification and to USGBC to attain the LEED Silver certification for the Concourse K and/or GSE specified by the Owner.

Project Terms:

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

The duration of the proposed Design-Build contract is one thousand four hundred eighty-five (1,485) calendar days. The total compensation for the Design-Build Contract is estimated at six hundred twenty-one million, three hundred forty-nine thousand, eighty-three dollars (\$621,349,083.00) inclusive of contingencies and allowances, which includes the following:

\$ 518,175,039	Estimated construction cost
\$ 33,075,002	Estimated design cost
\$ 55,125,004	Owner Contingency fees (10%)
\$ 2,000,000	Owner Dedicated Allowance
\$ 3,029,074	Permitting fees
\$ 8,416,454	APP fee
\$ 1,528,510	IG Fee

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 expertise must be met by a qualified individual(s) of the Design-Builder, Lead A/E, and/or its sub-consultant(s). The experience must be demonstrated by direct or substantial involvement of the individual(s) in a supervisory capacity at the Project Manager level or above. The determination of the individual’s qualifications and compliance with the experience and qualifications shall be at the sole discretion of the County. The Competitive Selection Committee may negatively evaluate proposals from firms they determine have failed to meet the above experience and qualification(s).

TECHNICAL CERTIFICATION REQUIREMENTS

A/E TECHNICAL CERTIFICATION REQUIREMENTS FOR THE Design-Builder’s A/E DESIGN TEAM

4.02 Aviation Systems -Architectural Design (Design-Builder’s Lead A/E Consultant)

Design-Builder’s LEAD A/E OR A/E SUBCONSULTANT:

3.01 Highway Systems – Site Development and Parking Lot Design	10.06 Environmental Engineering – Remedial Action Plan Design
3.02B Highway Systems - Minor Highway Design	10.07 Environmental Engineering – Remedial Action plan Implementation/Operation/Maintenance
3.09 Highway Systems – Signing, Pavement Marking, and Channelization	11.00 General Structural Engineering
3.10 Highway Systems - Lighting	12.00 General Mechanical Engineering
4.01 Aviation Systems - Engineering Design	13.00 General Electrical Engineering
6.01 Water and Sanitary Sewer Systems - Water Distribution And Sanitary Sewage Collection And Transmission Systems	14.00 Architecture
8.00 Telecommunication Systems	15.01 Surveying and Mapping – Land Surveying
9.02 Soils, Foundations and Materials Testing – Geotechnical and Materials Engineering Services	15.03 Surveying and Mapping – Underground Utility Location
9.03 Soils, Foundations and Materials Testing – Concrete and Asphalt Testing Services	16.00 General Civil Engineering
9.04 Soils, Foundations and Materials Testing – Non-Destructive Testing and Inspections Services	17.00 Engineering Construction Management
9.05 Soils, Foundations and Materials Testing - Roof Testing and Consulting Services	18.00 Architectural Construction Management
10.01 Environmental Engineering – Stormwater Drainage Design Engineering Services	20.00 Landscape Architecture
10.05 Environmental Engineering – Contamination Assessment and Monitoring	22.00 ADA Title II Consultant

CONTRACT MEASURE REQUIREMENTS

20% DBE – Design Goal (A/E Design portion only)

(Refer to Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs – 49 CFR Part 26).

7.79% DBE - Construction Goal (Construction portion only)

(Refer to Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs – 49 CFR Part 26).

The Procurement Contracting Officer for this project is Jorge Vital, who may be contacted via e-mail at: Jorge.Vital@miamidadegov.

A pre-submittal project briefing for interested firms will be held on **May 6, 2024, at 10:00 AM (local time)** via Zoom. While attendance **IS NOT** mandatory, interested parties **ARE ENCOURAGED** to attend.

Please click the following link below to join the webinar: <https://miamidadegov.zoom.us/j/86962929640>

Or Telephone: +1 786 635 1003 US (Miami)

Webinar ID: 869 6292 9640

Or in-person at:

4200 NW 36th Street, Miami, FL 33166, 2nd Floor Conference Room G

Deadline for submission of proposals is May 23, 2024 at 2:00 P.M., LOCAL TIME.

This RDBS is being solicited electronically through INFORMS Strategic Sourcing module platform. Electronic bids are to be submitted through a secure mailbox at INFORMS (<https://supplier.miamidadegov>) until the date and time as indicated in this Solicitation document. For information concerning technical specifications please utilize the question/answer feature provided by INFORMS at <https://supplier.miamidadegov> within the solicitation. If there are any questions regarding INFORMS, please contact INFORMS Support at 305-375-5773 or email: ISD-VSS@miamidadegov. **No part of your proposal can be submitted via HARDCOPY, EMAIL, OR FAX, unless otherwise directed by the solicitation documents.**

This solicitation is subject to Miami-Dade County’s Cone of Silence pursuant to Section 2-11.1(t) of the Miami-Dade County Code, as amended. Please review Miami-Dade County Administrative Order 3-27 for a complete and thorough description of the Cone of Silence.