

**GREATER ORLANDO AVIATION AUTHORITY
NOTICE OF DESIGN/BUILD/OPERATE/MAINTAIN (DBOM) SERVICES FOR
BP-477, AUTOMATED PEOPLE MOVER (APM) OPERATING SYSTEM (OS) FOR
AIRSIDE 2 AND AIRSIDE 4 AT ORLANDO INTERNATIONAL AIRPORT**

Pursuant to 2 CFR Part 200, Section 287.055, Florida Statutes, and the policies and procedures of the Greater Orlando Aviation Authority (“Authority”), notice is hereby given that Statements of Qualifications (“SOQs”) are invited from design-build firms (“Proposers”) for the design, construction, operation, and maintenance of **BP-477, Automated People Mover (APM) Operating System (OS) for Airside 2 and Airside 4** (the “Project”), at the Orlando International Airport (the “Airport”).

This Project includes the replacement of the existing APM OS serving Airsides 2 and 4 of the North Terminal Complex (“NTC”). The Airside 2 APM OS was first placed into service in 2000. The Airside 4 APM System was first placed into service in 1990 and the cars were replaced with new cars in 2008. The Airsides 2 and 4 APM systems are dual-lane shuttles with an approximate length of 2,000 feet on each guideway lane. Each guideway lane utilizes a 3-Car Alstom (formerly Bombardier) CX-100 technology train and operates at an approximate round trip time of 208-seconds including a 40-second dwell time. At a minimum, the Project will include replacement of all vehicles, running surfaces, central control equipment in the Airport’s Comm Center, all other required subsystems (communications, command and controls, power distribution, station doors, etc.) and all modifications, if any, required to existing APM stations, guideway and other facilities to accommodate the proposed APM OS. Maintaining passenger service to Airsides 2 and 4 during the work and minimizing the time that any one of the two APM lanes to each Airside is out of service during construction are essential. Work shall be completed (i.e., both Airsides 2 and 4 fully functional for passenger service) no later than April 2, 2027

The Project will include all services necessary for the turnkey delivery of the APM OS for Airsides 2 and 4, including design coordination; on-site verification and coordination; the integration of the Contractor’s designs and Work with the designs and infrastructure provided by the Contractor and others; all permitting activities; coordination with adjacent facilities, projects and operations (whether existing or future); obtaining all necessary government approvals; performing all required Project management; quality control; analysis; design; engineering; documentation; manufacturing, fabrication, shipping, expediting, storing of materials; erection, construction, installation, debugging, integration, testing and commissioning; safety certification of the entire APM OS; including vehicles, guidance equipment, communications equipment, command and control equipment, station equipment, power distribution system, supporting equipment for maintenance facility operations, public information, and Closed Circuit Television (CCTV) systems; and all other related services, including coordination with the Authority, its Consultants, the City of Orlando and all agencies having jurisdiction over the Project.

After safety certification, the Proposer will provide Operation and Maintenance (O&M) Services to the Authority for an initial ten year term with two Authority options to extend for an additional ten years with each option.

The Airsides 2 and 4 APM Fixed Facilities (i.e., stations, guideway structure, emergency walkway, APM power substations, on-line maintenance facility, and central control) are existing

and operational. Any design, modifications, or changes to any of the existing facilities and any new facilities required to accommodate the proposed APM OS is part of the scope of work for this Project.

Proposers must be a design-build firm, as defined by Florida Statutes § 287.055, which means the Proposer must be a partnership, corporation, or other legal entity that:

- is certified under Florida Statute §489.119 to engage in contracting through a certified or registered general contractor or a certified or registered building contractor as the qualifying agent; or
- is certified under Florida Statute §471.023 to practice or to offer to practice engineering; or certified under Florida Statute §481.219 to practice or to offer to practice architecture; or certified under Florida Statute §481.319 to practice or to offer to practice landscape architecture.

The award, if made, will consist of a design-build contract and an operate-maintain contract, both of which will be executed simultaneously after Board approval. The Authority intends to issue the Notice to Proceed on the Airsides 2 and 4 operate-maintain contract in phases, as each phase of construction, installation, testing and commissioning on each of the four APM system lanes has been completed.

The Disadvantage Business Enterprise (DBE) Participation Goals for the Design-Build contract (Phase 1) and for the Operate-Maintain contract (Phase 2) have been determined separately for each contract and are set forth in the Submission Requirements.

A Pre-Submittal Conference will be held **at 11:00 AM on November 29, 2022, in the in the Carl T. Langford Boardroom, Orlando International Airport, 1 Jeff Fuqua Boulevard, Orlando, FL 32827. This Pre-Submittal Conference is not mandatory, but attendance is strongly recommended.** The Pre-Submittal Conference will also be available via an optional Webinar.

The Project Scope, the Submission Requirements, Disadvantage Business Enterprise (DBE) Participation Program for the Statements of Qualifications and questions regarding the Project will be reviewed at the Pre-Submittal Conference.

The Advertisement, Submission Requirements, Pre-Submittal Conference webinar registration, Responses to inquiries and Pre-Submittal Conference minutes, and Addenda (if any) will be made available on the Authority's website under Construction Opportunities at:

<http://www.orlandoairports.net/airport-business/#business-opportunities>

IMPORTANT NOTICE

Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all Proposers that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit proposals in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The award and contracts referenced in this Advertisement are subject to approval by the Authority prior to any work being performed.

GREATER ORLANDO AVIATION AUTHORITY

M. Carson Good
Aviation Authority Chairman