



Automated Parking Guidance System

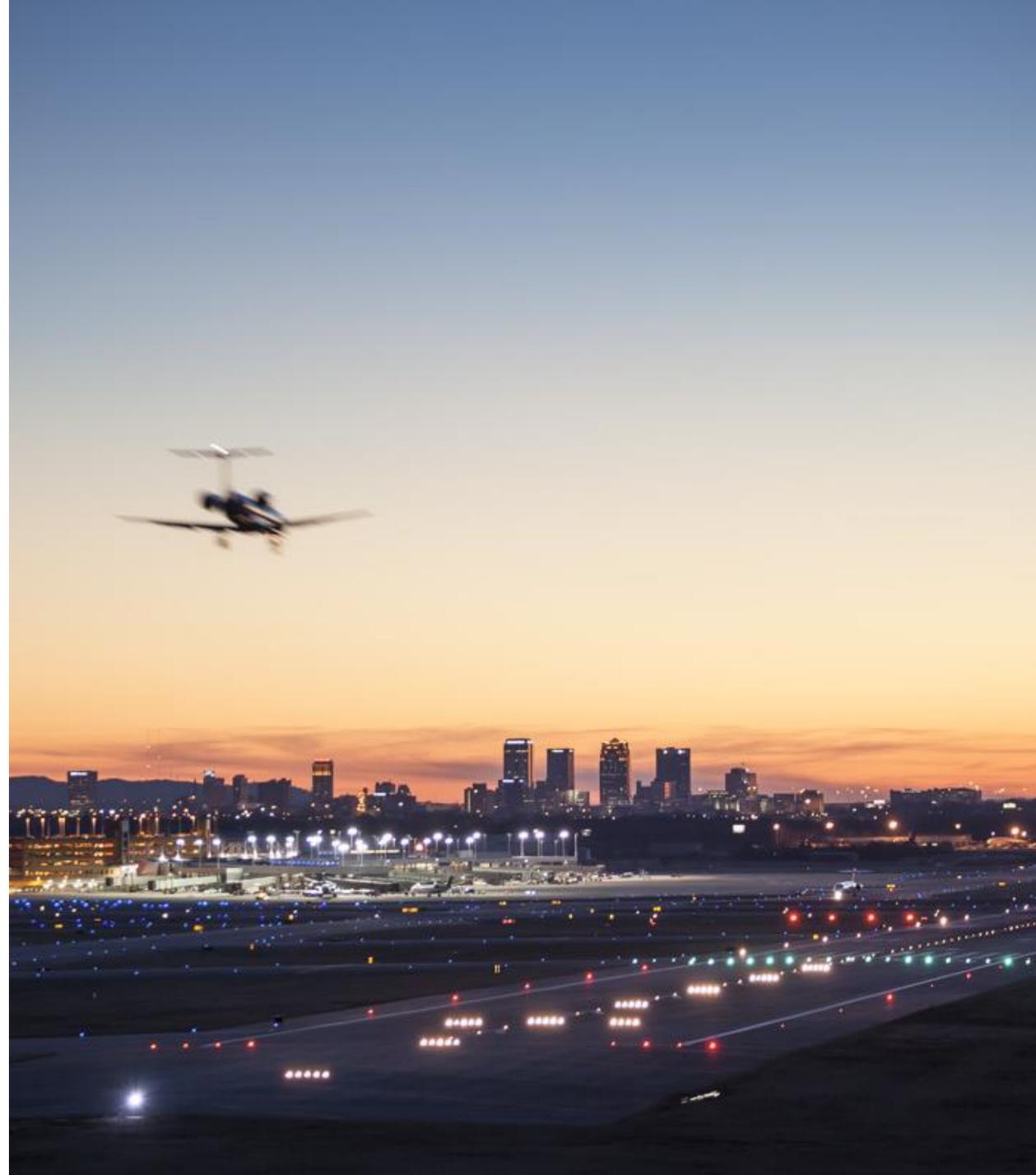
Pre-Submittal Meeting

March 12, 2026/ 2:00 PM CST



Overview

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Introduction

- The Birmingham Airport Authority (“BAA”) is requesting proposals for a qualified vendor to supply, install, integrate, and a parking guidance system for the BAA’s parking deck in levels 2, 3,4, 5, 6, and 7.
- The goal of this RFP is to enter into an agreement with the best-valued Proposer to perform the work and services described.

Scope of Work

- Proposer shall design and install a camera-based PGS in the garage structure, including the roof.
- The new system shall incorporate the best available technology for vehicular parking guidance, both on the approach roadways and inside the garages, including license plate recognition capability (LPR), closed-circuit television (CCTV) camera capability, variable and fixed sign directed wayfinding, available spaces counting and identification, find your car locating capability, and mobile phone applications.
- The new PGS shall have the ability to enhance revenue by facilitating tiered rate structures for; season, time of day, location, premium area, and designated reserved parking spaces, etc.
- These tiered rate structures shall be affected electronically, without the need for construction of physical fences or corrals. They shall be easily modified by simple reprogramming as deemed necessary by the Birmingham Airport Authority.

Scope of Work

- The new PGS must be seamlessly integrate with the Authority's Revenue Control System.
- The new system shall have license plate recognition capability (LPR).
- The new system must also be capable of generating a variety of analysis reports to measure capacity, usage in areas of the garages, trends, etc.
- Cameras must be able to see all parking spaces. Camera housing shall be IP 64 or better.
- Cameras shall be mounted in such a way that they are not subject to being hit by vehicles
- They must be placed so as to not lower the parking deck's existing height restrictions. Daily Parking clearance is depicted as 6 feet 2 inches and Hourly Parking clearance is depicted as 6 feet 8 inches. It is Proposer's responsibility to take measurements in the garages to meet this requirement.

Scope of Work

- Surveillance: The new closed-circuit television (CCTV) camera capabilities shall be suitable for surveillance purposes, providing adequate resolution, frames per second, and a customizable retention period.
- Indicator lights on the cameras or over the parking stalls shall have the capability of displaying a minimum of 16 colors.
- The system shall have the capability to alert the operator in the case of an unreadable or missing license plate.

Scope of Work- The Authority Server Requirements:

- Data for the new system shall reside on Authority servers. The PGS application must be capable of running on a virtual Windows 2022 server.
- The selected Proposer shall work with the Authority's network administrator to install and configure the server.
- Kiosks. The PGS shall provide a find-your-car feature for returning Airport patrons. There are 4 baggage claim areas on the ground floor corresponding to the three concourses A, B and C. Walkways take returning passengers from the bag carousel areas across to the parking garage levels.
- There are nominally 5 threshold locations for returning passengers to access the garages. Proposer shall evaluate the baggage claim area in detail to determine the exact number and locations for find-your-car information kiosks.

Scope of Work- The Authority Server Requirements:

- Applications. Proposer shall develop a cell phone application in iPhone and Android formats. The cell phone application shall, as a minimum, provide for these Services:
 - Indicate the number of spaces currently available in each of the six levels.
 - Provide guidance on Messer Airport Highway to the desired garage entrance.
 - A find your car capability, similar to the fixed kiosks.
 - And the ability to review differentially priced parking opportunities, where applicable

Scope of Work- The Authority Server Requirements:

- Reporting. The PGS shall provide for these reports as a minimum:
 - Average length of stay – configurable time period, by facility and level.
 - Frequency of turnover of spaces – configurable by time period, by facility and level.
 - Heat maps displaying usage – configurable time period, by facility and level.
 - Facility activity – configurable by time period, facility and level.
 - Inventory listing – configurable by time period, by facility and level.
 - Capacity / spaces available by numbers or % - facility / level
- In addition, the PGS shall have the ability for the user to create custom reports. Proposer shall provide training in the creation of custom reports.

Scope of Work- The Authority Server Requirements:

- Roof system. Proposers shall describe in their proposal how they would address vehicular wayfinding, inventory management, available spaces counting, and find your car capability for the areas on the top level (roof) of the garage.
- The proposed method will require approval from the Authority.
- There is a separate line item in the Proposal Form for the roof areas system.

Scope of Work- Vehicular Wayfinding Signage

- Proposer shall provide a minimum of two (2) new variable (or dynamic) message signs on the approach roadways, which will indicate the number of currently available spaces in each of the garage levels.
- These signs shall be powered so as to provide continuous service 24 hours a day in all weather conditions. These signs should go into service no later than when the parking garage's PGS goes into service.
- Proposer shall obtain all required approvals for the signs including but not limited to: ALDOT, City of Birmingham, and Birmingham Airport Authority.

Scope of Work- Vehicular Wayfinding Signage

- Provide new variable message signs at each of the entrances to the garage, which will indicate the number of currently available spaces in that garage. In addition, provide similar variable message signs at the entrance of each parking level indicating the number of currently available spaces on that level.
- Once on a parking level, there should be variable signs at each decision point, which guide the customer straight, left, or right, with the number of available spaces in each direction indicated, and the direction to premium parking areas.
- On each parking level, there should also be variable signs at each decision point, which guide the customer to the parking deck's exit.
- Proposer shall submit with their proposal, a photo or drawing of the proposed variable signs with an estimate of the number of each type of sign required, and a location plan.

Scope of Work- Schedule

- Proposer shall submit a proposed project schedule. Indicate the proposed term, defined as number of total calendar days from contract award to the initiation of the proof-of-concept phase, through to other project phase milestones, and to substantial completion and beneficial use, including commissioning.
- Work shall begin on the second floor of the garage as the first floor is currently undergoing a repurposing to rental car usage.
- The garage will remain open during work. The installation shall minimize the impact to operations.
- No more than 100 parking spaces can be out of service in a particular part of the garage at any one time. Additional parking space outages must be requested and approved in advance.

Scope of Work- Warranty

- Proposer shall provide a two (2) year joint and severable warranty on all of the equipment and the installation from the date of formal system acceptance, and an additional four (4) year warranty on all PGS equipment.

Scope of Work- Maintenance and Support

- A minimum of 100 hours of training for Authority personnel shall be provided on the new system.
- Spare parts stock consisting of 10% of the total number of camera pods shall be provided and stored onsite.
- Proposer shall provide one (1) full year of hardware preventive maintenance and software support, from the date of formal system acceptance, at no additional cost. At the end of the initial year, Proposer shall train and certify an on-site technician designated by the Authority.

Scope of Work- Maintenance and Support

- Proposer shall submit with their proposal, a detailed cost proposal for on-going preventative maintenance and software support for an additional four years.
- Preventive maintenance can be provided by Proposer, or a preapproved subcontracted third party. Coverage shall be 24 hours a day, 7 days a week, 52 weeks a year. Response time cannot exceed two (2) hours.
- Proposer shall submit a protocol for protection of the PGS equipment during activities such as power washing, painting, and concrete repairs, so as to protect the equipment from water, dust, vibration, etc. Submit a brief summary of these requirements with the Proposal.

Bid Alternate #1

This bid alternate is for the design and install of an ultra-sonic Parking Guidance System (PGS) in the parking garage structure. The bid alternate shall consist of all aspects of the original RFP with the exception of the following:

- **License Plate Recognition (LPR)**
- **Find Your Car Capability**
- **Kiosk**

Proposers must supply a separate cost proposal to satisfy bid alternate #1.

RFP Timeline

RFP Posted and Distributed to Qualified Bidders List	February 17, 2026
Mandatory Pre-Submittal Meeting and Site Visit	March 12, 2026
Deadline for RFP Questions/Clarifications	March 19, 2026
Proposal Due Deadline	April 9, 2026
Notice of Award	May or June 2026

Submittal Requirement

- Please submit five (5) hard copies and one (1) electronic copy (via USB flash drive) of your Proposal to the address below. Please include the cost proposal in a separate hard copy and electronic copy in the Proposal.
- Contact: Ed A Seoane, Vice President of Purchasing
E-mail: eseoane@flybhm.com
- All questions associated with this RFP must be submitted in writing via e-mail to Ed Seoane, Vice President of Purchasing, at eseoane@flybhm.com by the deadline identified for questions/clarifications.
- By submission of a proposal, Proposer agrees that its proposal is valid for one hundred eighty (180) days from the submission deadline.

Project Proposal Format/Selection Criteria

- Proposals will be evaluated based on the proposer's ability to meet the performance requirements of this RFP. Failure to submit any information requested may result in the elimination of the Proposal from further evaluation and consideration. The evaluation and selection will be based on the following:
 - **Contractor Overview and Capability to Perform All Aspects of the Scope of Work**
 - **Recent Contractor Experience in Performing Similar Services**
 - **Proposed Scope of Work and Approach to Performing the Services**
 - **Cost Proposal**

Nondiscrimination

- By submitting a proposal to this RFP, Proposer certifies that they will fully comply with all Federal, State of Alabama, and local laws pertaining to nondiscrimination, and certifies that they will not discriminate against or grant preferential treatment to any party on the basis of race, sex, color, age, religion, sexual orientation, actual or perceived gender identity, disability, ethnicity, or national origin in the performance of Authority contracts or agreements.
- In addition, this RFP is subject to the requirements of the U.S. Department of Transportation's regulations, 49 CFR Part 23. The Proposer agrees that it will not discriminate against any business owner because of the owner's race, color, national origin, or sex in connection with the award or performance of any concession agreement, management contract, or subcontract, purchase or lease agreement, or other agreement covered by 49 CFR Part 23. The Proposer agrees to include the above statements in any subsequent concession agreement or contract covered by 49 CFR Part 23, that it enters into and causes those businesses to similarly include the statements in further agreements.
- The Authority, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders or offerors that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises or airport concession disadvantaged business enterprises will be afforded full and fair opportunity to submit bids 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.

Questions

