



Request for Qualifications (RFQ) Civil Engineering Services: Runway 24 Approach End Pavement Strengthening Design

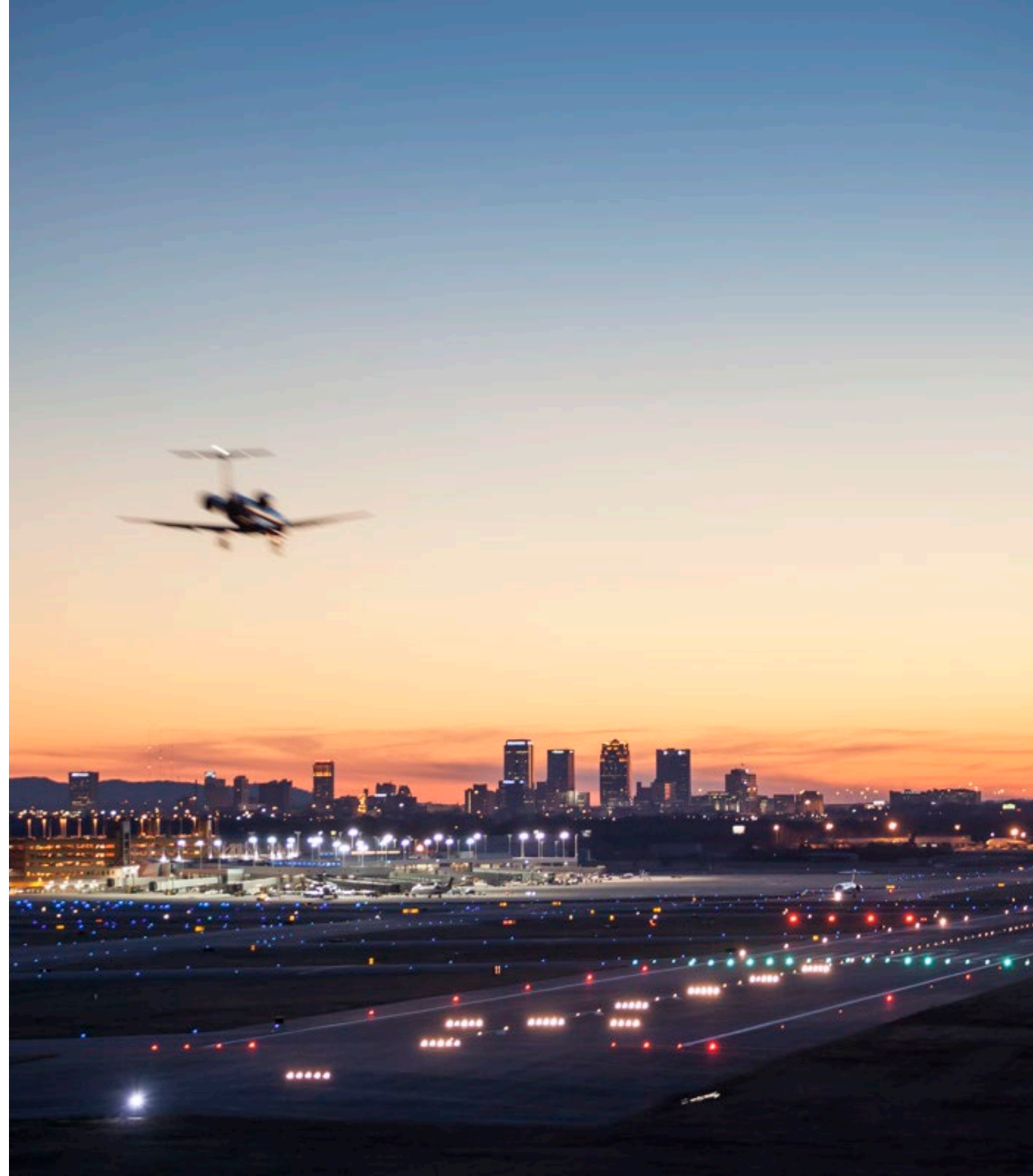
Pre-Submittal Meeting

February 20, 2025/ 2:00 PM CS



Overview

- Airport Staff Introductions
- Airport & Project Background Information
- Scope of Services and Requirement
- Project Proposal Format
- Project Proposal Selection Criteria
- Selection Schedule
- DBE Requirement
- Questions



BHM Background

- Birmingham-Shuttlesworth International Airport is the most active airport in the state of Alabama
 - Enplanements have returned to pre-COVID levels.
- Tenants Include:
 - Five (5) Airlines
 - Two (3) Cargo Operators
 - Two (2) FBO Locations
 - Four (4) Rental Car Operators
 - Alabama Air National Guard
 - 24 Corporate Hangars
 - Kaiser Facility (MRO)

Project Description

The Birmingham Airport Authority (BAA) is soliciting Statements of Qualifications (SOQ) and Project Proposals from qualified engineering firms (firms) to perform civil engineering services for the preliminary investigation, design, and bidding phases for the following project at the Birmingham-Shuttlesworth International Airport (BHM):

Runway 24 Approach End Pavement Strengthening

See Exhibit A for approximate project limits. The selected firm shall be obligated to perform the necessary work through completion of construction and the closeout process for the project. This project is anticipated to receive an Airport Improvement Program (AIP) grant from the Federal Aviation Administration (FAA). The selected firm will need to be familiar with the process and required documentation associated with the AIP grant process. This includes, but is not limited to, FAA grant assurances, FAA airport design and construction standards, 14 Code of Federal Regulations (CFR) Part 77 airspace requirements, as well as familiarization with other FAA Orders, Advisory Circulars (AC), and the National Environmental Policy Act (NEPA) process.

Project Background

Recent subsurface and geotechnical analysis noted that a portion (roughly 2,000 linear feet) of the Runway 24 approach end needs to be strengthened to extend its useful life. As part of this project, we anticipate a temporary threshold relocation, providing daytime construction flexibility that will allow continuous and timely work on the pavement, while maintaining airport operations. Once the work is complete, the runway threshold will be reestablished, providing aircraft operators with the full 12,000 feet of runway offered at BHM.

Environmental: Per the JAN ADO, this project qualifies for a Simple Written Record Categorical Exclusion under FAA Order 1050.F sec5-6.4e.

The proposed project would include civil engineering services for the preliminary, design, and bidding phases to improve the strength of the approach end of Runway 24 at BHM.

Scope of Service and Requirements

- To enter into a contract with the most qualified engineering firm for professional services to perform the scope of work, which includes designing bid ready construction plans in 2025 and administering the bid process for the Runway 24 Approach End Pavement Strengthening project.

- **Preliminary Phase:** This phase involves those activities required for defining the scope of a project and establishing preliminary requirements. Some examples of activities within this phase of a project include, but are not limited to:
 - i. Coordinating with the sponsor on project scope requirements, finances, schedules, operational safety and phasing considerations, site access and other pertinent matters.
 - ii. As applicable, coordinating project with local FAA personnel and other interested stakeholders to identify potential impacts to their operations.
 - iii. Planning, procuring, and/or preparing necessary surveys, geotechnical, engineering investigations, field investigations, and architectural and engineering studies required for design considerations.
 - iv. Developing design schematics, sketches, environmental and aesthetic considerations, project recommendations, and preliminary layouts and cost estimates.

Design Phase: This phase includes all activities required to undertake and accomplish a full and complete project design. Examples include, but are not limited to, those below:

- i. Conducting and attending meetings and design conferences to obtain information and to coordinate or resolve design matters.
- ii. Collecting engineering data and undertaking field investigations; performing geotechnical engineering studies; and performing architectural, engineering, and special environmental studies.
- iii. Preparing necessary engineering reports and recommendations.
- iv. Preparing detailed plans, specifications, cost estimates, and design/construction schedules.
- v. Preparing Construction Safety and Phasing Plan (CSPP).
- vi. Printing and providing necessary copies of engineering drawings and contract specifications.

Bidding: These activities are sometimes considered part of the construction phase. They involve assisting the sponsor in advertising and securing bids, analyzing and certifying bids, furnishing recommendations on the award of contracts, and preparing contract documents.

Submittal Requirements

A. Selection Process

This qualification-based selection process shall be in accordance with FAA Advisory Circular 150/5100-14E, Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects.

Award of this project would not preclude the awarded firm from future planning, environmental, design and/or construction services award with BAA. This applies to both prime firms and subconsultants.

A Statement of Qualifications (SOQ) and Project Proposal will be solicited from all interested firms. The SOQ will allow the opportunity to provide data relating to the experience and qualifications of the interested firm as it relates to the proposed project. The Project Proposal will include information to illustrate the firm's category understanding, approach, and project management / communication plan.

Firms may be interviewed. However, BAA reserves the right to select the highest ranked consultant based solely upon submittals if sufficient information is included in the SOQ and project proposals.

B. Statement of Qualifications / Project Proposal

Please submit five (5) hard copies and one (1) electronic copy of your SOQ and Project Proposal submittal to the address below.

Contact: Ed Seoane, VP of Purchasing

Email: eseoane@flybhm.com

Address: Birmingham Airport Authority
5900 Messer Airport Highway Birmingham, AL 35212

Hard copies may be shipped via U.S. Postal Service or any other reputable courier service (e.g., Federal Express, UPS, etc.). The electronic copy must be included with the hard copies via a USB flash drive. Deliveries can also be made in-person to the BAA Office located on the ground level of the Terminal Building (located at the above address).

All questions associated with this RFQ must be submitted in writing via e-mail to Ed Seoane at eseoane@flybhm.com by the deadline identified for questions/clarifications (see timeline). Questions related to the RFQ directed to any other BAA personnel may be grounds for disqualification.

Statement of Qualifications / Project Proposal Format

Respondent's SOQ and Project Proposal shall submit together as one submittal no longer than thirty (30) total pages of content (not including back / front cover, tabs dividers, cover letter, or table of contents). Each page must not be larger than 8.5" x 11".

Statement of Qualifications Section Requirements

The SOQ portion of the submittal must include the following sections:

- i. Firm Overview and Capability to Perform All Aspects of the Project:
- ii. Recent Company Experience in Relevant Projects:
- iii. Personnel Qualifications:
- iv. Project Partners and DBE Goal Requirements:

Project Proposal portion must include the following sections:

Project Approach: Discuss the Scope of Services and how the firm will provide the desired services. Identify any potential challenges the firm anticipates during the project. Identify and mitigate elements, if any, to minimize effects on airport users and operations for the duration of desired sustainability studies.

Project Management / Communication Plan: Discuss any relevant information which would detail how the firm would manage the project process including, but not limited to, scope of work development, budget, and methodology of baseline analysis. Prepare a proposed project schedule including major tasks and target completion dates. Additionally, identify the firm's plan for communication throughout the project to BAA.

Statement of Qualifications / Project Proposal Evaluation Criteria

SOQs and Project Proposals will be evaluated and scored on a scale of 0 (lowest) to 100 (highest). In the event SOQs and Project Proposals are not considered sufficient to determine the highest ranked firms for either project, interviews will be conducted with up to the three (3) highest ranked firms. Additional interview scoring criteria will be provided in advance of the interview date, if necessary. Each criterion and its portion of the maximum scoring value is listed below:

- | | |
|--|--------|
| 1. Firm's capability to perform all aspects of the project | 20/100 |
| 2. Firm's recent experience in relevant projects | 15/100 |
| 3. Firm's demonstration of personnel qualifications | 10/100 |
| 4. Firm's commitment to the DBE Goal | 5/100 |
| 5. Firm's proposed approach to the project | 25/100 |
| 6. Firm's proposed project management plan | 15/100 |
| 7. Firm's proposed communication plan | 10/100 |

Tentative Selection Schedule

RFQ Posted	February 13, 2025
Pre-Submittal Meeting	February 20, 2025 (2PM CST)
Deadline for SOQ Questions/Clarifications	March 6, 2025
SOQ Deadline	March 13, 2025 (2PM CST)
Negotiated Scope and Fee w/Selected Firm	April 25, 2025
Recommendation to Award	June- July 2025

DBE Obligation

- The Owner's overall annual goal for DBE participation is fourteen (14) percent

Civil Rights Assurances and Contract Goal

Title VI Assurance

- *The Birmingham Airport 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 for any contract entered into pursuant to this advertisement, businesses will be afforded full and fair opportunity to submit bids in response to this invitation and no businesses will be discriminated against on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability in consideration for an award.*

Contract Clause: Assurance Language Inclusion

- If awarded the Prime Contractor role, ALL Tier subcontracts/sub-agreements, whether with certified or non-certified DBE or SBE entities, must include the mandatory contract clauses for (nondiscrimination requirements/Title VI) compliance.

Contract Goal

- The contract has a 14% DBE participation goal.

Questions?

