



Birmingham-Shuttlesworth International Airport (BHM)  
Birmingham, Alabama

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## **Runway Intersection Drainage Improvements**

FAA AIP No.: 3-01-0014-134-2025

BAA Project No.: AF061

RS&H Project No.: 1048-0210-001

## **ADDENDUM #01**

JUNE 2, 2025

RS&H Alabama, Inc.  
358 St. Louis St., Suite C  
Mobile, Alabama 36602  
(251) 460-3233  
AL Cert. Nos.: CA-1678-E, CA-4086-E



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## **ADDENDUM NO. 1**

This Addendum is hereby made a part of the Contract Documents and Specifications of the above-mentioned project. All other requirements of the original Contract Documents and Specifications shall remain effective in their respective order. **ACKNOWLEDGE RECEIPT OF THIS ADDENDUM** (Pages 1 thru 3 and attachments) **BY INSERTING ITS NUMBER AND DATE IN THE PROPOSAL FORM.**

### **GENERAL**

1. The following documents are incorporated into the contract by this addendum:
  - a. Pre-Bid Conference Minutes, dated May 27, 2025
  - b. Pre-Bid Conference Sign-In Sheet, dated May 27, 2025
  - c. Pre-Bid Conference Presentation Slides, dated May 27, 2025

### **MODIFICATIONS TO PROJECT MANUAL**

1. None

### **MODIFICATIONS TO PLAN SHEETS**

1. None

### **RESPONSES TO BIDDERS' QUESTIONS**

1. What are the specific requirements for Bid Alternate #1?  
[Bid Alternate #1 is all work associated with the pressure grouting stabilization of the sinkhole. Refer to the plans and specifications for detailed information regarding this work.](#)
2. What is the deadline for submitting questions regarding the bid?  
[The deadline was Friday, May 30, 2025, by 5:00pm.](#)

### **LIST OF ATTACHMENTS**

1. Pre-Bid Conference Minutes and Sign-In
2. Pre-Bid Conference Presentation Slides
3. Plan Holders List (as of 06/2/2025)

**END OF ADDENDUM NO. 01**

## PRE-BID MEETING MINUTES

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**Project:** Birmingham-Shuttlesworth International Airport (BHM)  
Runway Intersection Drainage Improvements  
FAA AIP No.: 3-01-0014-134-2025  
BAA Project No.: AF061  
RS&H Project No.: 1048-0210-001

**Meeting Date:** Tuesday, May 27, 2025, 2:00 PM

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### ➔ Introductions and Sign-In

- Ocean Boyd (BAA) welcomed attendees and introduced the Birmingham Airport Authority (BAA) representatives in the room as well as the RS&H design team. All attendees then introduced themselves and who they represented, and Colin Brinkman (RS&H) then began the presentation.

#### Sign-In Attendees:

- Ocean Boyd (BAA)
- Emma Leathers (BAA)
- Ed Seoane (BAA)
- Ryan Veney (BAA)
- Schavass L. Hamilton (BAA)
- Alex Prowell (BAA)
- Colin Brinkman (RS&H)
- Matthew Thomason (RS&H)
- Eddie Rodriguez (RS&H)
- Pat McDonald (Carcel & G)
- Alvis Braden (SDAC)

### ➔ Project Description (Generally)

This is a Re-Bid of the project which was originally let back in April. The design and scope of the project has not changed, however, the way the project is being let has changed to now include two bid schedules.

At the intersection of both Runways at BHM, Runway 18-36 and Runway 6-24, the northeast quadrant turf area is not draining properly, leading to ponding issues. Additionally, within this same area, BAA has identified a small subsurface void, or sinkhole, that has been an ongoing maintenance issue.

This project consists of two bid schedules to remediate both issues within available funding. These schedules are:

- Base Bid:
  - The replacement of two existing stormwater inlets with new ALDOT structures
  - The installation of a new aircraft rated inlet, within the Runway Safety Area (RSA), over an existing RCP conveyance pipe (doghouse structure)
  - Regrading of the turf area in the northeast quadrant of the intersection to drain to the new inlet(s)
- Bid Alternate #1:
  - Pressure grouting stabilization and remediation of the sinkhole/void in the NE quadrant

### ➔ Construction Phasing

- The project is split into three (3) main phases, with a total construction duration of 70 calendar days. If Bid Alternate #1 is not awarded, Phase 2 will not occur, and the construction duration is reduced to 60 calendar days.
  - None of the phases are concurrent – refer to Phase Note #1 on G031
  - These phases are setup to minimize impacts to airport operations

- Phase 1 (Base Bid): All work outside of the RSA which can be completed during the daytime
  - No Runway closures
  - Replacement of existing stormwater inlets
- Phase 2 (Bid Alternate #1): Pressure grouting and remediation of the sinkhole area within the RSA
  - Requires closures of both Runways (total airport closure)
  - Work must be performed between 12:00am and 4:00am (4-hr closure window, window could shift slightly due to airport operations)
- Phase 3 (Base Bid): Installation of aircraft rated inlet and regrading of the turf areas to the new inlet
  - Requires closures of both Runways (total airport closure)
  - Work must be performed between 12:00am and 4:00am (4-hr closure window, window could shift slightly due to airport operations)
  - The new Aircraft Rated Inlet must be precast, cast-in-place will not be allowed for this structure.
    - The installation of the new inlet may have to be completed over a series of nightly closures, which may require the need to backfill and re-excavate this structure multiple times to complete the installation to the project specifications while also complying with RSA Part 139 requirements each morning.
    - All costs for this work (excavation, backfill, etc.) are incidental to the installation of the inlet
- Liquidated damages can be found in Section 00030, subsection 28 of the Project Manual.

#### → **Notable CSPP Requirements**

- Part 139 Compliance
  - Every morning, prior to the Runways being opened for aircraft traffic, the Runway Safety Areas (RSAs) of both runways must be compliant and inspected by BAA Operations.
  - Refer to the notes on Sheet G011 and throughout the CSPP
- Air National Guard Alert Aircraft
  - The ANG maintains an alert aircraft at BHM. Please refer to the notes on Sheet G011 for the Contractors role in ensuring the alert aircraft can achieve its mission if called upon while Runway 6-24 is closed for construction.

#### → **Site Access and Layout**

- Access through Gate #1
- All equipment and materials must be stored in the staging area each day – nothing may be left on the airfield in the construction area
- Protection of airfield pavements
  - During certain construction operations, it may be acceptable (if approved by BAA) to drop-off equipment or access the site via one of the Runways. The Contractor is required to ensure the runway pavements are clean of all debris/FOD, and that their operation does not damage the pavement surfaces.
  - Refer to Sheets G021 and G031 for additional notes pertaining to the protection/use of airfield pavements for access

#### → **Project Safety and Security**

- Safety – Outlined in the Construction Safety & Phasing Plan (CSPP). Refer to the Project Manual. Basics include:
  - Flags and/or beacons and company logos on all vehicles, equipment, etc.
  - Foreign Object Debris (FOD) control requirements
  - Lines of communication and emergency contacts
- Security – Project is located within the Airport AOA; therefore, Airport badging policies apply as well as all gate guard and access control requirements. Refer to the project manual.

#### → **Notable Contract Items**

- FAA AIP Grant Funded project – All FAA/Federal contract requirements apply
- Form of Bid: Unit Price

- Bid form must contain the unit price(s) in both words and numbers
  - Bid prices must be held for up to 120 calendar days
- DBE Participation: Base Bid = 18% Goal and Bid Alternate #1 = 11% Goal
  - Must document good faith effort
  - Forms must be included in bid package, and will be evaluated as part of bid responsiveness – FOR BASE BID ONLY
- SBE Goal: Base Bid = 3% Goal and Bid Alternate #1 = 1% Goal
  - This is a voluntary goal, and is highly encouraged
  - Is not a contract requirement
- Davis Bacon wage rates & certified payrolls are required and enforced
- Bonds and Insurance:
  - 5% Bid Bond required
  - 100% Performance and Payment Bond will be required of the successful bidder
  - Insurance requirements can be found in the project manual
- Permits: Contractor shall be responsible for obtaining all necessary Permits
- Taxes: Refer to Sections 00030 & 00120
  - “The Contractor, at its expense, shall pay all sales, consumer, use and similar taxes for the Work or portions thereof provided by the Contractor for which the Contractor is charged.”
- Basis of Award: Lowest, qualified, and responsive bidder
  - Contractors DO NOT have to submit a price for Bid Alternate #1 for their bid to be reviewed/considered
    - Write “NO BID” on the bid form, or some indication that no price is being proposed
  - Refer to Section 00030, Subsection 15 of the Project Manual

#### → **Bidding Information**

- Obtaining Bid Documents: Made available on Monday, May 19, 2025. Electronic delivery only from RS&H for \$25.00. Contact information is listed below and in the Invitation to Bid.
  - Eddie Rodriguez  
RS&H Alabama, Inc.  
358 St. Louis Street, Suite C  
Mobile, Alabama 36602  
eddie.rodriguez@rsandh.com  
(251) 439-6221
- Plan Holders List: Everyone who requests and is sent a set of documents from RS&H is recorded on a plan holders list. This list will be distributed as part of the minutes for this meeting.
- Bidding Milestones:
  - Pre-Bid Conference: Tuesday, May 27, 2025 @ 2:00PM Local
  - Deadline for Question Submission: Friday, May 30, 2025 @ 5:00PM Local
  - Bid Opening: Monday, June 9, 2025 @ 2:00PM Local
- All sealed bids shall be delivered to the Birmingham Airport Authority. Please refer to the Invitation to Bid and Instructions to Bidders for full set of instructions.

#### → **Questions?**

- Submit all questions in writing to Mr. Ed Seoane, BAA Vice President of Purchasing
  - [edseoane@flybhm.com](mailto:edseoane@flybhm.com)
  - Must be received by the question deadline. Inquires submitted after the deadline will not receive responses.
  - No telephone inquiries will be accepted
- Answers to any questions as well as any other clarifications deemed necessary will be issued as an addendum
  - Addenda will be issued electronically in the same delivery method as the Bid Documents
  - Addenda will also be posted to the BAA website
- Questions from Attendees: [None](#)

#### → **Adjourn: Meeting was adjourned at 2:25 PM Local**





**RS&H**



*BIRMINGHAM AIRPORT AUTHORITY*

*Birmingham-Shuttlesworth International Airport  
Runway Intersection Drainage Improvements (Re-Bid)  
Pre-Bid Conference*

*May 27, 2025  
2:00 PM (CDT)*



# Project Purpose

- » Turf area in the NE quadrant of the Runways intersection does not drain properly
  - Ponds with heavy rainfalls
- » Subsurface void/sinkhole in this same area that has been an ongoing maintenance issue
- » Project is broken into two bid schedules to complete the necessary upgrades within available funding





# Project Scope

## Base Bid

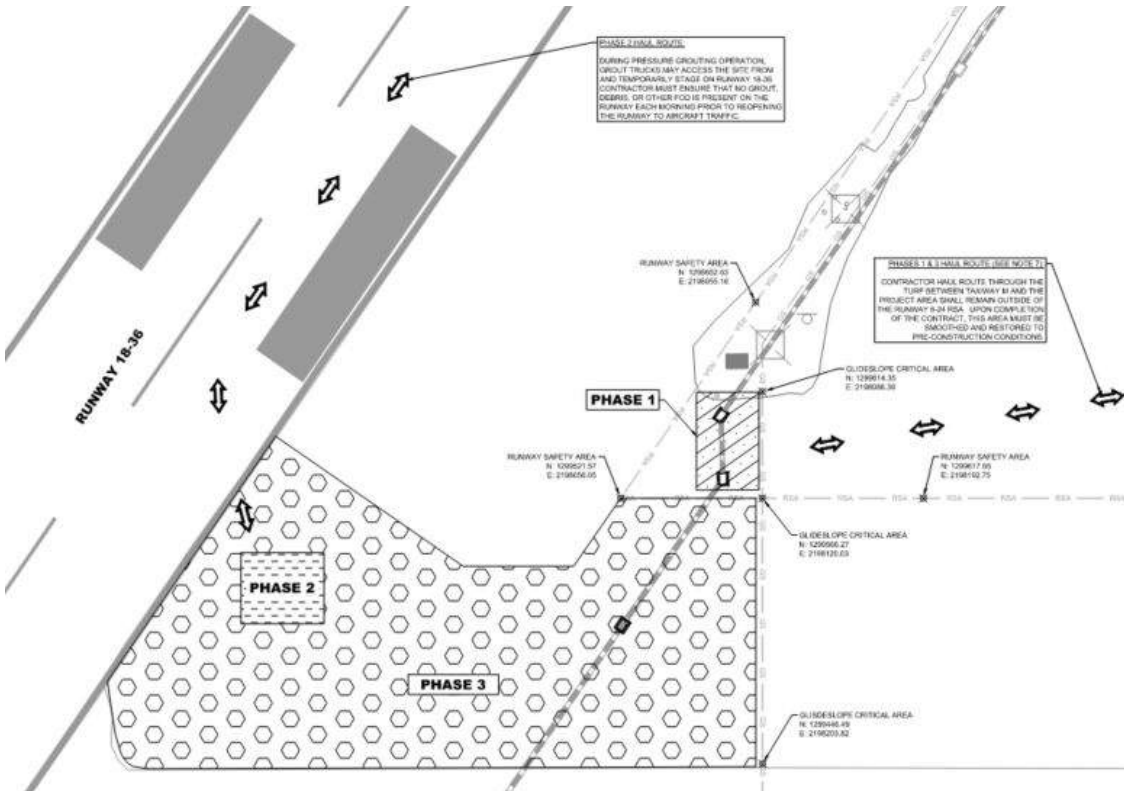
- » Replacement of two existing stormwater inlets
- » Installation of a new aircraft rated inlet, installed over an existing RCP conveyance pipe
- » Regrading of the turf to drain to the new inlets

## Bid Alternate #1

- » Pressure grouting stabilization and remediation of the sinkhole



# Project Phasing



**RS&H**

- » Base Bid + Bid Alternate #1 = 3 Phases and 70 calendar day duration
- » Base Bid only = 2 Phases and 60 calendar day duration
- » Phase Scope
  - Phase 1 (Base Bid) = Stormwater Inlet replacements outside of the RSA (daytime work)
  - Phase 2 (Bid Alternate #1) = Sinkhole remediation (night work)
  - Phase 3 (Base Bid) = Aircraft Rated Inlet Installation and regrading within the RSA (night work)
    - *Aircraft Rated Inlet must be precast*
- » Phases are not concurrent
- » Night work completed in 4-hour closure window
  - 12:00am to 4:00am (generally)
- » Liquidated damages – Section 00030

# Notable CSPP Requirements

## **EMERGENCY MILITARY AIRCRAFT LAUNCH NOTIFICATION RESPONSE - CONTRACTOR OBLIGATIONS FOR RUNWAY OPENING:**

BHM IS HOME TO THE ALABAMA AIR NATIONAL GUARD. THE ANG MAINTAINS AN "ALERT" AIRCRAFT WHICH CAN BE LAUNCHED IN THE EVENT OF AN EMERGENCY. BAA AND THE ANG HAVE ESTABLISHED A RESPONSE PLAN IN THE EVENT THE ALERT AIRCRAFT IS CALLED UPON WHILE RUNWAY 6-24 IS CLOSED. THE FOLLOWING OUTLINES THE CONTRACTOR'S OBLIGATIONS SHOULD THE AIRPORT RECEIVE NOTIFICATION OF AN EMERGENCY ANG LAUNCH DURING A CONSTRUCTION CLOSURE OF RUNWAY 6-24.

UPON NOTIFICATION FROM BAA OPERATIONS OF AN EMERGENCY MILITARY LAUNCH:

1. THE CONTRACTOR MUST REMOVE ALL MEN AND EQUIPMENT FROM THE RUNWAY 6-24 SAFETY AREA AND ENSURE THAT ALL FOREIGN OBJECT DEBRIS (FOD) IS SWEEPED FROM RUNWAY 6-24.
2. THE CONTRACTOR, UNDER ESCORT OF AIRPORT OPERATIONS, MUST REMOVE ALL BARRICADES FROM RUNWAY 6-24 AND ITS SAFETY AREA, IF APPLICABLE.
3. THE CONTRACTOR, UNDER ESCORT OF AIRPORT OPERATIONS, MUST REMOVE BOTH LIGHTED X'S FROM THE RUNWAY ENDS.

IF TIME PERMITS, BAA OPERATIONS WILL ESCORT CONTRACTOR PERSONNEL TO REESTABLISH THE RUNWAY CLOSURE AFTER THE MILITARY AIRCRAFT HAS DEPARTED BHM.

## **FAR PART 139 COMPLIANCE NOTES:**

1. THE BIRMINGHAM-SHUTTLESWORTH INTERNATIONAL AIRPORT IS GOVERNED IN PART BY FEDERAL AVIATION REGULATIONS (FAR) PART 139. THIS MEANS THE AIRPORT IS REQUIRED TO ENSURE THE SAFETY AND OPERATIONAL COMPLIANCE OF THE AIRFIELD AT ALL TIMES.
2. THIS PROJECT IS LOCATED IN THE INTERSECTION OF BOTH AIRPORT RUNWAYS, WITHIN THE RUNWAY SAFETY AREA (RSA). THIS IS AN EXTREMELY CRITICAL LOCATION ON THE AIRFIELD. THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR IS REQUIRED TO LEAVE THE WORK SITE, AND THE SURROUNDING RUNWAY PAVEMENTS, IN AN ACCEPTABLE CONDITION THAT MEETS THE REQUIREMENTS OF FAR PART 139. THESE REQUIREMENTS INCLUDE:

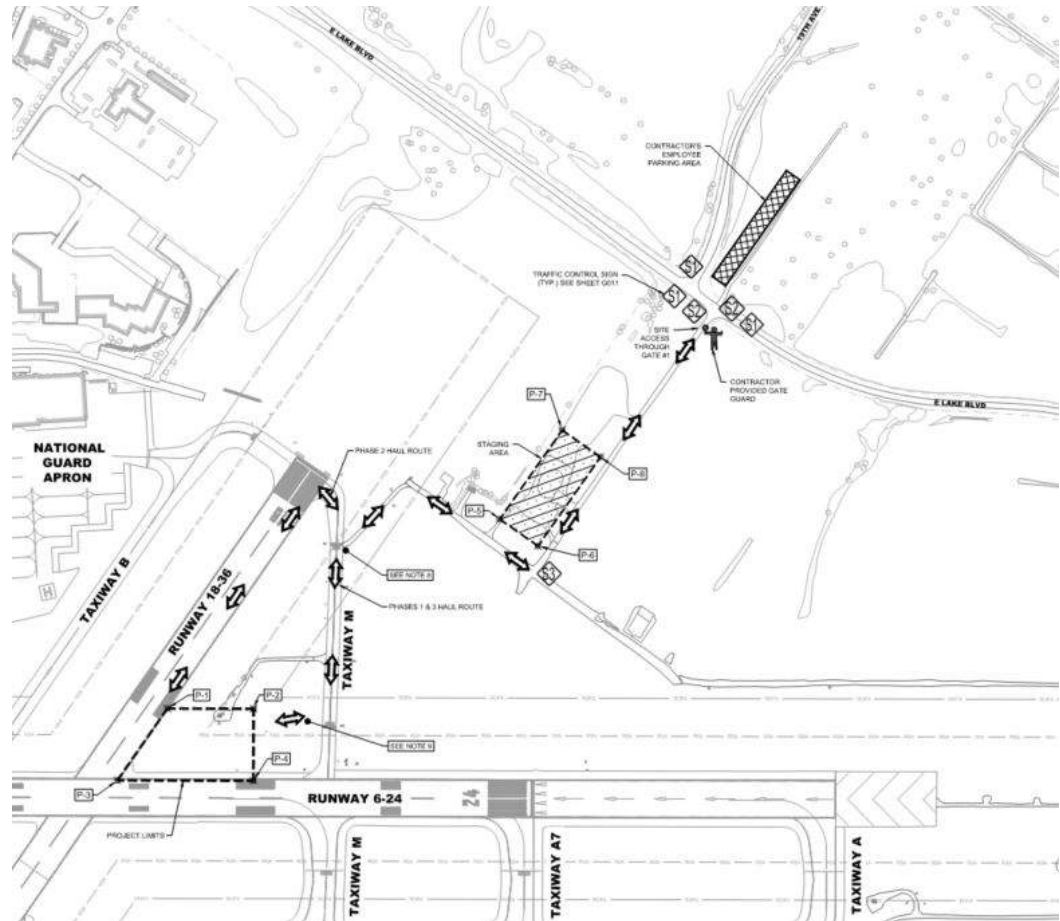
- NO DROP-OFFS GREATER THAN 2" ANYWHERE ON THE SITE
- GRADE TRANSITIONS MUST BE SMOOTH AND THE AREA MUST BE FREE OF ANY RUTS, HOLES, EXCAVATIONS, ETC.
- NO CONSTRUCTION EQUIPMENT OR MATERIALS LEFT IN THE WORK AREA
- NO FOREIGN OBJECT DEBRIS (FOD) EITHER ON THE RUNWAY PAVEMENTS OR IN THE TURF AREAS. FOD INCLUDES WRAPPERS, GARBAGE, TRACKED DIRT OR GRAVEL ON PAVEMENTS, ETC.
- NO PONDING OR STANDING WATER
- NOTHING THAT COULD BE A WILDLIFE ATTRACTANT (FOOD DEBRIS, ETC.)

PRIOR TO OPENING THE RUNWAY(S) EACH MORNING, AIRPORT OPERATIONS WILL INSPECT THE WORK SITE TO ENSURE IT COMPLIES WITH FAR PART 139. THE CONTRACTOR MUST ADHERE TO EVERY DIRECTION GIVEN BY AIRPORT OPERATIONS TO CORRECT AND ADDRESS ANY DEFICIENCY. ALL COSTS ASSOCIATED WITH ENSURING A PART 139 COMPLIANT PROJECT AREA EACH DAY ARE CONSIDERED INCIDENTAL TO THE VARIOUS ITEMS OF THIS CONTRACT.

» Refer to notes on Sheet G011 and throughout the CSPP

# Site Access & Staging

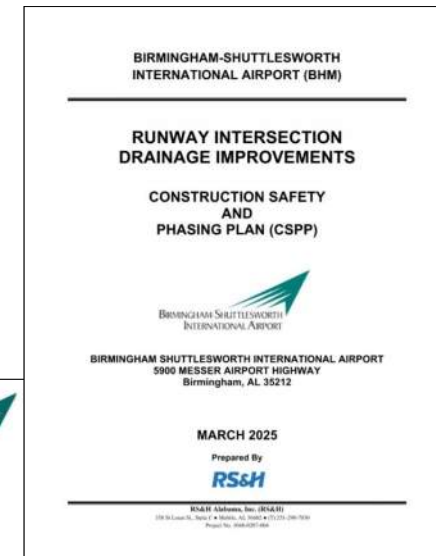
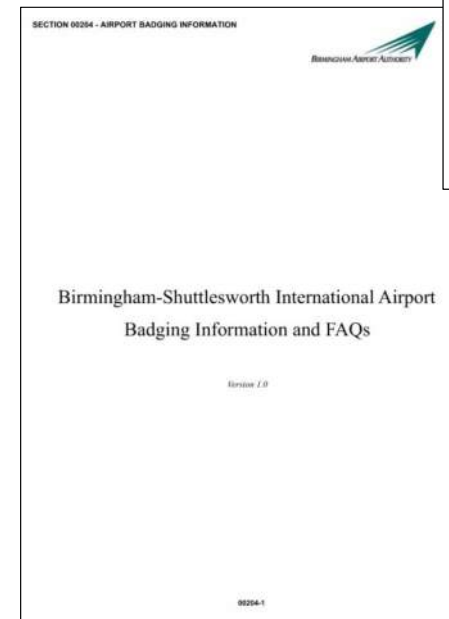
- » Access via Gate #1 off E. Lake Blvd
- » Staging area inside the AOA gate
  - All equipment and materials must be stored/staged here each day
  - Nothing may be left on the airfield within the construction area
- » Protection of airfield pavements





# Safety & Security Overview

- » Refer to the plans and the CSPP in the Project Manual
- » Basics include:
  - Flags and/or beacons on all equipment and vehicles
  - Company logos on all prime and subcontractor equipment/vehicles (includes trucking)
  - Maintenance of barricades and other closure markers
  - Foreign Object Debris (FOD) control
  - Lines of communication & emergency contacts
- » Project is located within the Air Operations Area (AOA)
  - Airport badging requirements apply
  - Gate guard and access control requirements strictly enforced
  - Refer to Project Manual for Airport Badging and Gate Guard policies



# Notable Contract Items

- » FAA AIP Funding
  - All FAA/Federal contract requirements apply
- » Form of Bid: Unit Price
  - Unit prices in words and numbers
  - Hold for 120 calendar days
- » DBE Participation:
  - Base Bid = 18% Goal
  - Bid Alternate #1 = 11% Goal
  - Include required forms in bid for BASE BID ONLY
  - Document good faith effort
- » SBE Target Goal:
  - Base Bid = 3%
  - Bid Alternate #1 = 1%
  - Voluntary goal – highly encouraged
- » Davis-Bacon Wage Rates and Certified Payrolls
- » Bonds & Insurance:
  - 5% Bid Bond
  - 100% Performance & Payment Bonds
  - Insurance Reqmt's contained in Project Manual
- » Permits: Contractor responsible for obtaining all necessary permits
- » Taxes: Contractor is responsible for paying all taxes – no exemption
- » Basis of Award: Lowest, qualified, responsive bidder - refer to Section 00030 of the Project Manual
  - Price for Bid Alt. #1 not required for bid to be considered

# Bidding Information

- » Obtaining Bid Documents:
  - Electronic Delivery Only – available 5/19/2025
  - \$25.00 one-time charge
  - Contact Eddie Rodriguez (RS&H)
    - [eddie.rodriquez@rsandh.com](mailto:eddie.rodriquez@rsandh.com)
    - 358 St. Louis Street, Suite C  
Mobile, AL 36602
  - Plan holders list (attached in minutes)
- » Bidding Milestones:
  - Deadline for Questions: 5/30/2025 @ 5:00pm local
  - Bid Opening: 6/9/2025 @ 2:00pm local
  - Bids shall be in sealed envelope
    - AL requires contractor license on outside
    - See Project Manual for complete instructions



# Questions?

- » Must be received in writing
  - Submit to Mr. Ed Seoane, Vice President of Purchasing, Birmingham Airport Authority
    - [eseoane@flybhm.com](mailto:eseoane@flybhm.com)
  - Deadline for questions is May 30, 2025, at 5:00 PM
- » Addenda
  - Addenda will go out to all registered plan holders as soon as the addendum is issued in same manner as bid documents are delivered
  - Addendum will be issued with Pre-Bid minutes, Pre-Bid slides, plan-holder list, and question responses
- » Open Floor



*Thank You*



**RS&H**



LOCATION: Birmingham Shuttlesworth International Airport

PROJECT DESCRIPTION:

Runway Intersection Drainage Improvements

### RE-BID DOCUMENT PLAN HOLDERS LIST

Plan Holder		Re-Bid Documents	
		<i>Sent</i>	<i>Opened</i>
<b>Name</b>	Jeordie Mason	✓	
<b>Company</b>	JEM Contracting LLC		
<b>Email</b>	<a href="mailto:jeormason@bellsouth.net">jeormason@bellsouth.net</a>		
<b>Name</b>	Pat McDonald	✓	✓
<b>Company</b>	Carcel & G Construction LLC		
<b>Email</b>	<a href="mailto:pat.mcdonald@carcelandg.com">pat.mcdonald@carcelandg.com</a>		
<b>Name</b>	Alvis Braden	✓	✓
<b>Company</b>	SDAC		
<b>Email</b>	<a href="mailto:abraden@sdac8a.com">abraden@sdac8a.com</a>		
<b>Name</b>	Todd Ketner	✓	✓
<b>Company</b>	C.S. Beatty Construction, LLC		
<b>Email</b>	<a href="mailto:tketner@csbeatty.com">tketner@csbeatty.com</a>		
<b>Name</b>	Tin Allarcos	✓	✓
<b>Company</b>	Construct Connect INC		
<b>Email</b>	<a href="mailto:Tin.Allarcos@constructconnect.com">Tin.Allarcos@constructconnect.com</a>		
<b>Name</b>	Justin Schuman	✓	✓
<b>Company</b>	Carcel & G Construction LLC		
<b>Email</b>	<a href="mailto:justin.schuman@carcelandg.com">justin.schuman@carcelandg.com</a>		