PRE- SUBMITTAL CONFERENCE
REQUEST FOR QUALIFICATION (RFQ)

DESIGN-BUILD FOR TAXIWAY "L" AND RUNWAY 4-22 SHOULDERS CONSTRUCTION AT ELLINGTON AIRPORT(EFD)
SOLICITATION # HJA-TWYEFD-2022-011

Jorge Ardines
Sr. Procurement Specialist
Houston Airport System

Thursday, January 20, 2022, 10:00 A.M. (CST)
Lone Star Flight Museum Events Center
11551 Aerospace Ave., Houston, TX 77034

Pre-Qualification Meeting Agenda

I.   Opening Remarks   Alfredo "AL" Oracion
                                                           Division Manager

II.   Solicitation Overview   Jorge Ardines
                                                           Sr. Procurement Specialist

III.   Office of Business Opportunity   Janice Ruley
                                                           Contract Compliance Supervisor

IV.   Project Scope and Overview   Devon Tiner, HAS City Engineer
                                                           Peter Mercado, Project Manager
                                                           Dev Pokhrel, Asset Engineer

V.   Questions/Answers

Procurement Process Reminder
Quiet Period

- The Quiet Period begins on the date the solicitation is advertised and extends until an award recommendation appears on City Council Committee Meeting Agenda.
- Actual and prospective respondents (including their representatives or persons acting on their behalf) are prohibited from contacting members of City Council or any City employees other than the contracting officer.
- Actual and prospective respondents (including their representatives or persons acting on their behalf) are expressly prohibited from offering, presenting or promising gratuities, favors, or anything of value to any member of an evaluation committee or any appointed or elected official or employee of the City of Houston, their families or staff members.
- As part of the RFQ responses, respondents shall attest that they understand and agree not to contact any members of City Council or City employees—other than the solicitation contact person—during the Quiet Period.
- Only the designated procurement specialist, Jorge Ardines should be contacted during this time.

Solicitation Overview

PURPOSE:

The City of Houston (City), Houston Airport System (HAS) invites interested firms to submit qualifications for Design-Build for Taxiway L and Runway 4-22 Shoulders Construction at Ellington Airport (EFD)

Solicitation Overview

SOLICITATION DUE DATE AND TIME:

Thursday, February 24, 2022, 2:00 P.M. (CST)

QUESTIONS AND REQUESTS FOR ADDITIONAL INFORMATION ARE DUE BY:

Thursday, January 27, 2022, 12:00 P.M. (CST)

Must be received electronically and directed via email to:
jorge.ardines@houstontx.gov

Addt'l Info/Specification Changes

LETTER OF CLARIFICATION(s):

Responses to questions received from potential Firm(s) and any changes to the scope shall be confirmed in writing and will be posted to the HAS website (www.fly2houston.com) prior to submittal due date.

Submittal Procedures

Submit ten (10) printed copies of the Statement of Qualifications, including one (1) printed original marked "Original," signed in blue ink, ten (10) electronic copies on separate unreturnable thumb drives sealed in a separate single envelope and one (1) copy of Financial Statements, must be received at the address below no later than **Thursday, February 24, 2022, 2:00 P.M., (CST).**

Address to send/submit to

Attn: Cathy Vander Plaats
Procurement Officer
Supply Chain Management
18600 Lee Road
Humble, Texas 77338

Please include the phrase **"RFQ No. HJA-TWYEFD-2022-011, DESIGN-BUILD FOR TAXIWAY L AND RUNWAY 4-22 SHOULDERS CONSTRUCTION AT ELLINGTON AIRPORT (EFD)"** in the subject line and provide all applicable contact information.

Technical Proposal Submittal Requirements

- Each Statement of Qualifications (SOQ) must be organized and follow the required format as stated in Section 9.0 – Step One: Request for Qualifications.

- Each item of Step 1, RFQ Content must be appropriately tabbed and inclusive of all the required submittals.

- Submissions to the RFQ must be valid for a period of one-hundred and eighty (180) consecutive calendar days from the date of receipt by the City.

- Forms to be submitted with the SOQ are listed in Part VI, Section 16.0 and must be properly and completely filled-up.

Procurement Timeline

Description	Scheduled Date
Advertisement of Solicitation	**01/07/2022**
Pre-Submittal Conference/Site Visit	01/20/2022
Questions from Respondents Due to City	01/27/2022
SOQ Submission Due from Respondents	02/24/2022
Notification of Shortlisted Firms(Estimated)	03/17/2022
Technical and Price Proposal Due (Estimated)	03/31/2022
Oral Presentation (Estimated)	05/03/2022
Negotiation (Estimated)	06/17/2022
City Council Agenda Date (Estimated)	08/17/2022
Contract Start Date (Estimated)	09/01/2022

Evaluation Criteria (Step 1)

Step 1: RFQ Content	Weights
Project Approach	30 points
Firm(s) Qualifications	20 points
Project Team Qualifications and Management Plan	20 points
Design and Construction Phase Services	20 points
Project Controls	10 points
TOTAL SCORE	**100 Points**
Minimum Experience	Pass/Fail
Financial Capabilities	Pass/Fail
DBE Compliance	Pass/Fail
Experience Modification Rate	Pass/Fail
OSHA Records	Pass/Fail

OFFICE OF BUSINESS OPPORTUNITY

HAS Office of Business Opportunity

has.obo@houstontx.gov

DIVERSITY REQUIREMENTS

The goal on the project is the following:

DBE GOAL: 27%

CERTIFICATION

- Participating firms must be certified DBE.

- Firms must be certified DBE at time of submission. If not certified DBE they will not be counted towards contract participation.

- Firms certified DBE in another state must contact their certification agency prior to seeking certification in Texas.

- Firms certified DBE through the Texas Unified Certification Program are certified statewide.

- Questions about certification, visit http://www.houstontx.gov/obo/ or by phone 832-393-0600.

Project Overview and Scope

HOUSTON AIRPORT SYSTEM

Devon Tiner, P.E., PMP

HAS City Engineer

AD-Building Standards/Asset Engineering

Houston Spaceport

440 Acres

Sylvester Turner – Houston Mayor
Groundbreaking for Collins Aerospace on June 7, 2021

"I am confident that the cluster of aerospace companies being brought together here at Houston Spaceport will not only revitalize our city's name, but it will also energize our workforce. I am proud to say that Houston is leading the way and is doing more than any other spaceport in the nation to attract the best of the best."

Collins Aerospace Spaceport Campus

8-Acre Development
120,000-SF Campus
10,000-SF Incubator
Started June 2021

Intuitive Machines Headquarters at Spaceport

12.5-Acre Development
125,000-SF Facility
Starting in 2023

Intuitive Machines Aerospace Manufacturing at Spaceport
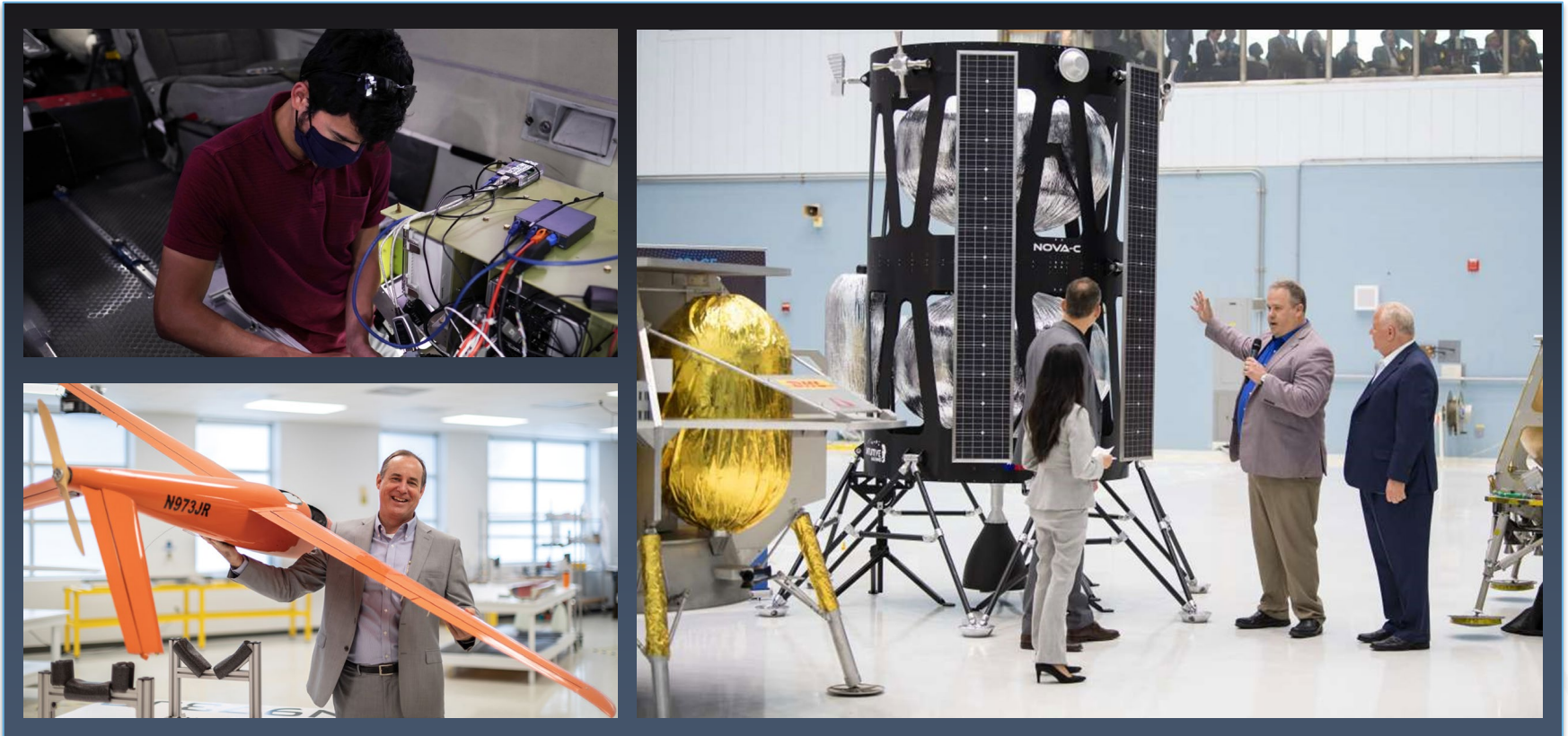
Teaching Advanced Manufacturing and Automation Skills

Axiom Space Headquarters at Spaceport

22-Acre Development
322,000-SF facility
Operational in 2023

AXIOM
SPACE

BUILDING THE WORLD'S FIRST
COMMERCIAL SPACE STATION

AxH1 | 2024

The Axiom Hub module, containing living quarters for four crew members and volume to accommodate research and manufacturing applications, is the nucleus of future human activity in Earth's orbit. Each personal crew quarter is equipped with a large Earth-viewing window and touch-screen comms panel. A docking adapter allows visiting vehicles to dock to the Axiom Station; four radial ports on the Hub provide for the addition of future modules and increase the station's docking capability.

AxH2 | 2025

The addition of the second Hub and its four additional crew quarters brings the crew capacity of the Axiom Station to eight. After it is launched and attached, Axiom offers twice the research volume and features a total of eight radial ports for the docking of visiting vehicles and addition of further modules.

AxL | 2026

The legacy ISS module once flown as the Multi-Purpose Logistics Module is repurposed and newly outfitted as the Axiom Lab module, a state-of-the-art research and manufacturing facility in space. The Lab provides a larger volume for industrialized research applications and scalable manufacturing opportunities, tended by astronauts on board the Axiom Station.

AxPT | 2027

The Axiom Power Tower attaches to the zenith port of the Hub, with its solar array producing an equivalent amount of power as the ISS. It expands on Axiom Station's environmental control and life support (ECLSS) capabilities, adds additional storage and payload capability, and provides an airlock to be utilized for EVAs (spacewalks) by astronauts on board Axiom Station. At any point following the Power Tower's addition, Axiom Station is capable of separating from the ISS and free-flying independently into the future.

AxStation | 2028

Axiom Station is a self-sustaining orbital platform that has pressurized and unpressurized payload capacity comparable to the ISS.

Taxiway L Construction to Support Aerospace Logistics

- Full length concrete taxiway
- Supports Runway 4/22 access for Houston Spaceport tenants.
- Design / Build Contracting Opportunity
- RFQ Advertisement in January 2022
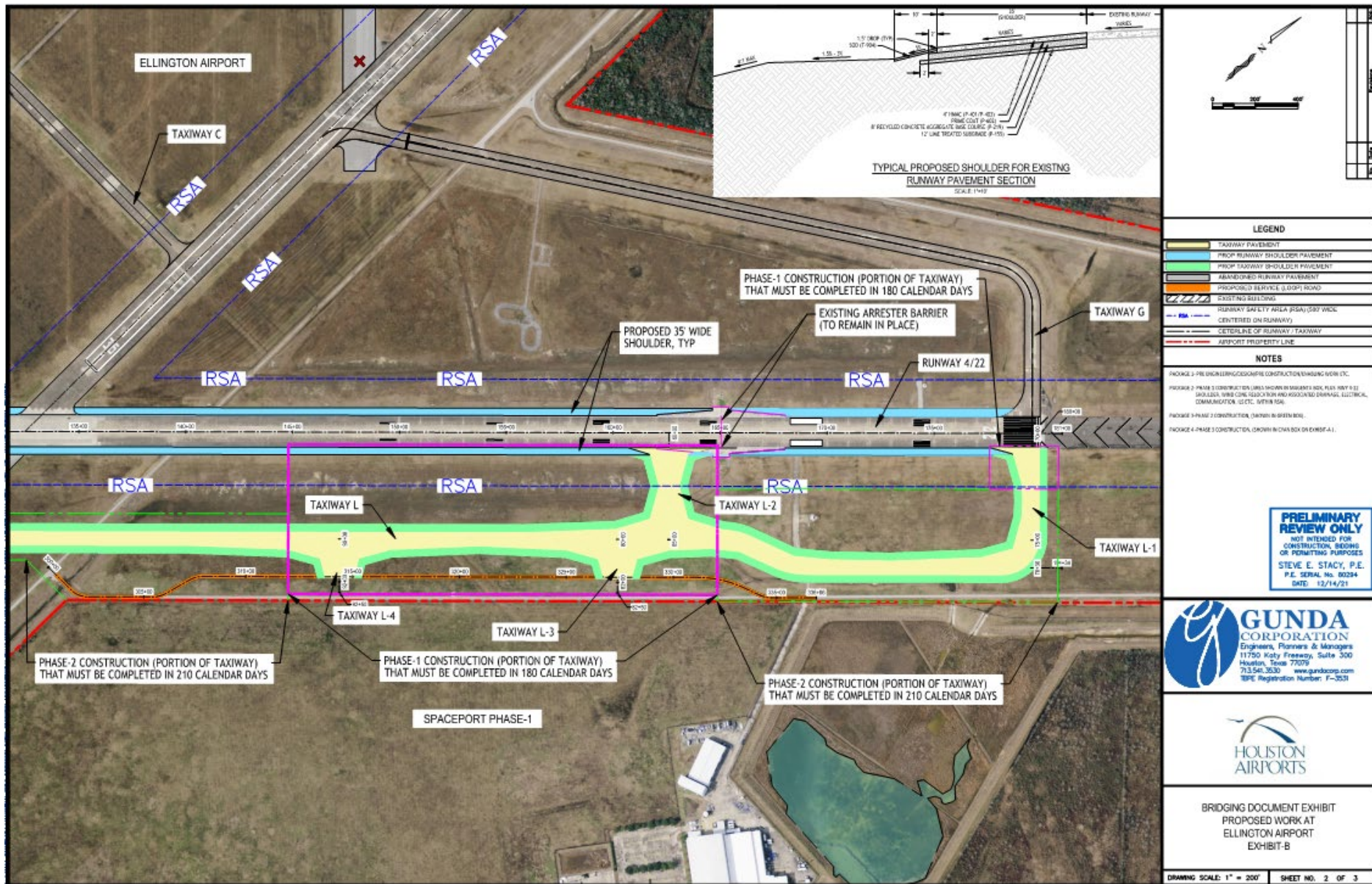
Project Overview and Scope

The infrastructure Development under P707 procurement includes:

- Design and construction of Taxiway L and associated TWY connectors to the south side of RWY 4-22
- Design and Construction of RWY 4-22 Shoulders with new edge lights
- Relocation of wind cones outside Runway Safety Area (RSA)
- Marking/Signage and Lightings
- Drainage Improvements
- ADG V standards
- 500-foot separation between Runway 4-22 and Taxiway L.
- AIP Grant Funded
- DBE 27%
- Design and Construction:
    - FAA standards- Applicable AC's/Regulations
    - HAS/City/State Standard/Regulation

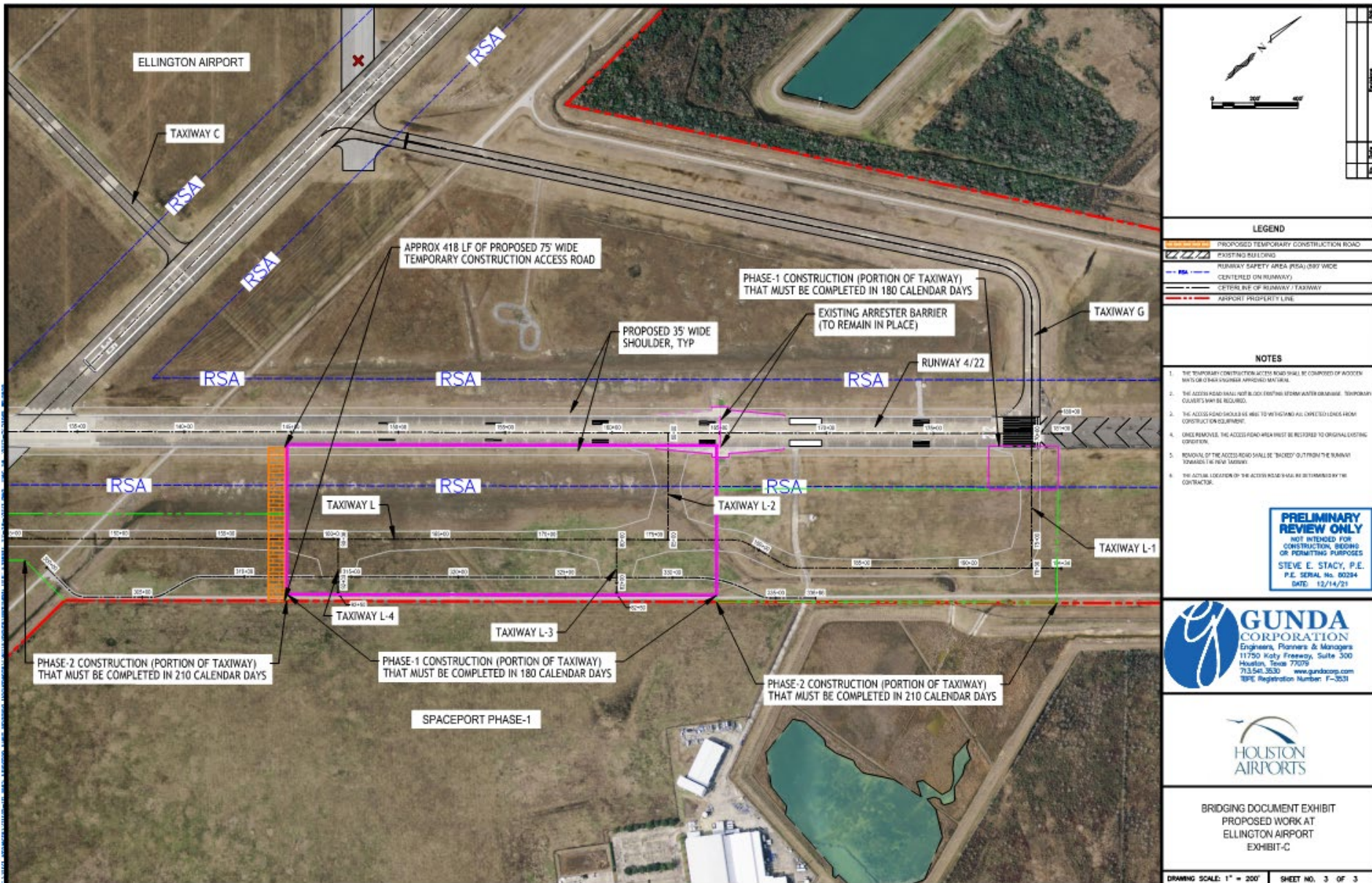- Operational Safety on Airports During Construction **AC 150/5370-2G**

Project Overview and Scope
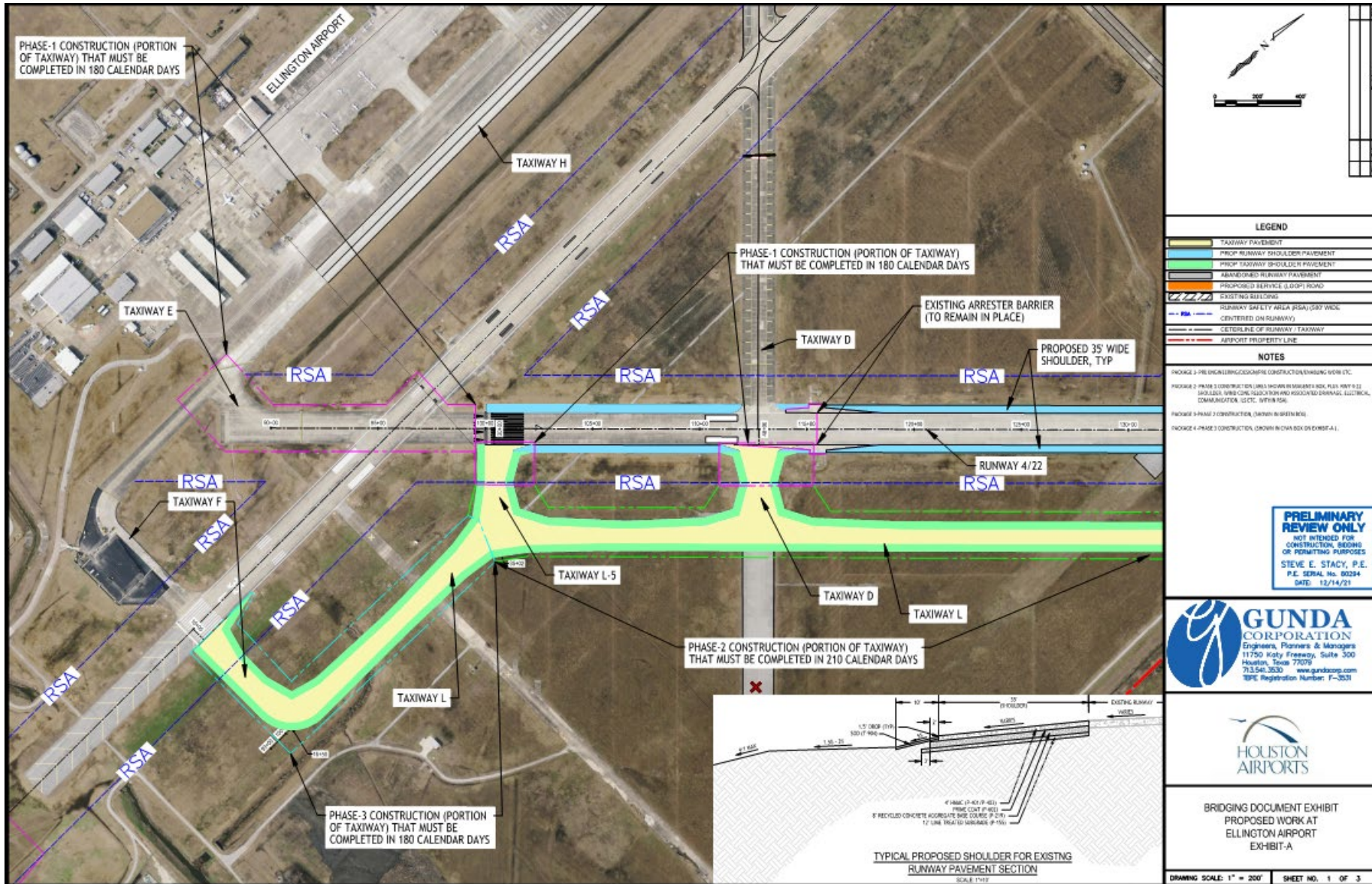
Project Overview and Scope

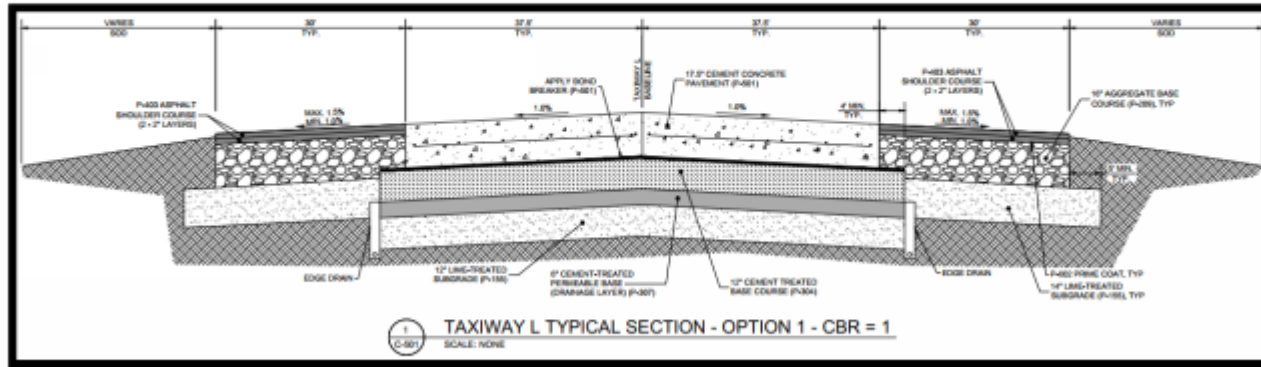# Project Overview and Scope

Project Overview and Scope

Figure 5-3 – Typical Taxiway and Paved Shoulder Section – Option 1 – CBR = 1.
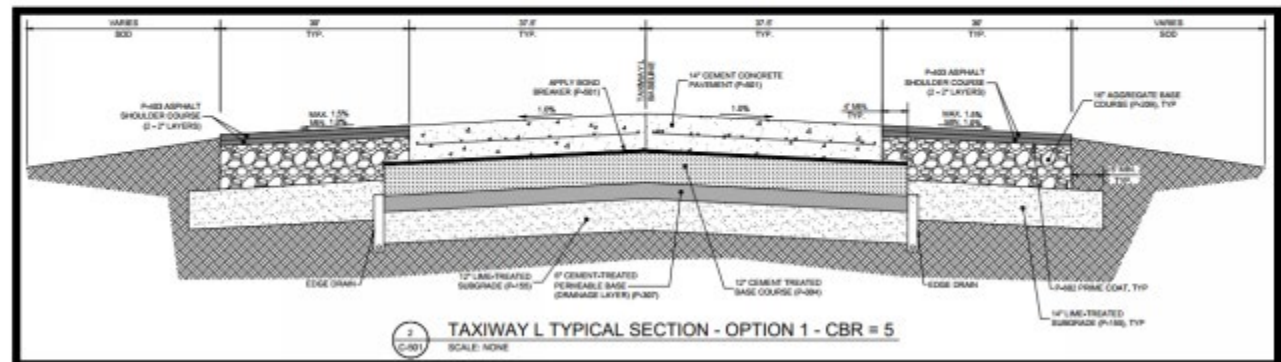
Figure 5-7 – Typical Taxiway and Paved Shoulder Section – Option 1 – CBR = 5.

Taxiway Lima Concept Design

CGMP #1
September 2022

- Design & Preconstruction Services and Enabling Works

CGMP #2
March 2023

- Phase One Work to Connect tenant to Runway 4/22 in 180 days

CGMP #3
September 2023

- Phase Two Construction of Taxiway Lima in 210 days

CGMP #4
TBD

- Phase Three Connect to Runway 17/35 in 180 days
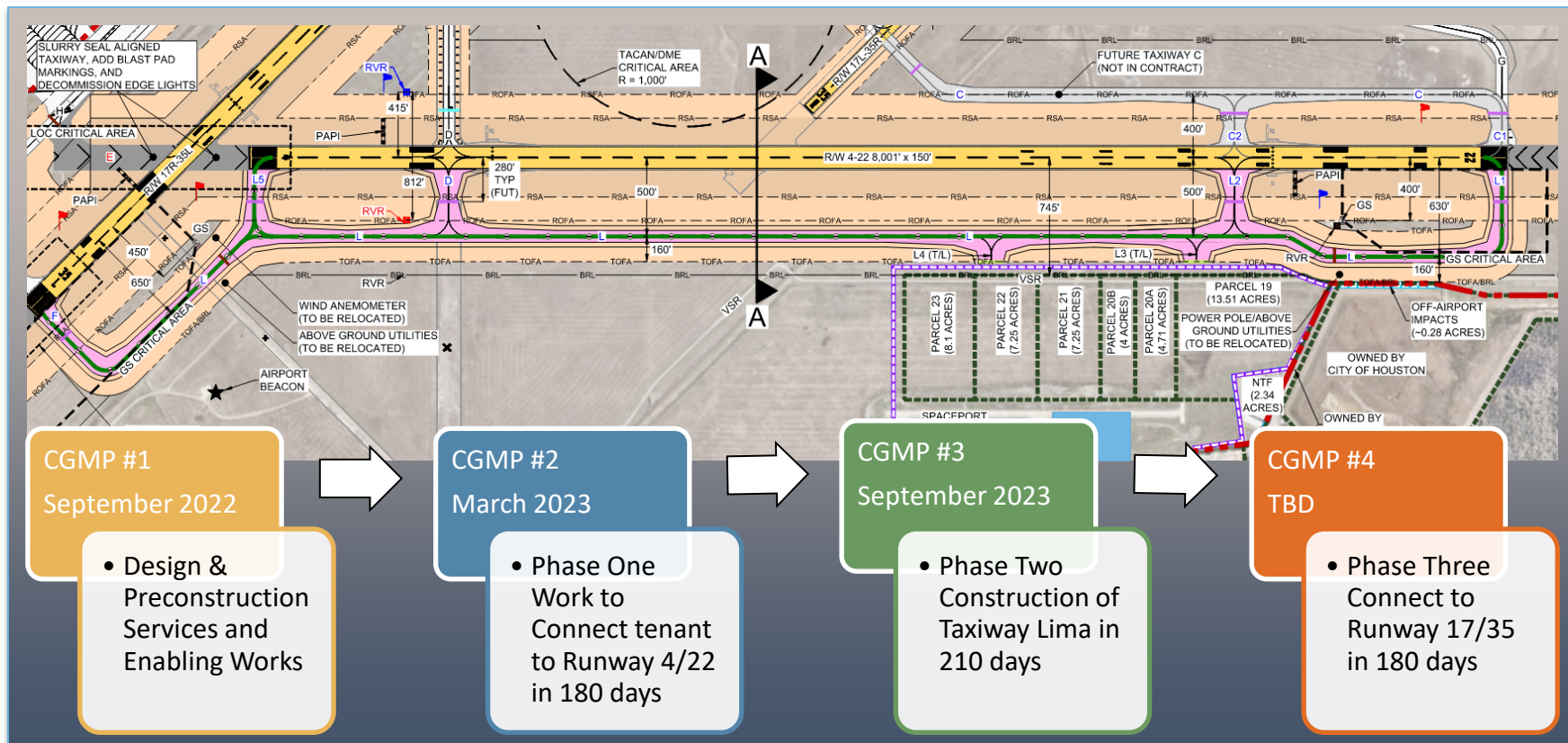
Project Site Visit

Site Visit Coordinator: Harper Ray

A site visit will take place immediately after the pre-submittal conference completion. This site visit is the only opportunity for Respondents to see the site before Submittal Due Date.

REMINDER TO PARTICIPANS:

For the health and safety of our employees and visitors, all individuals participating in the site visit must wear face covers that cover the nose and mouth and maintain social distance.

IF YOU ARE DISPLAYING SYMPTOMS OF COVID-19 AS DEFINED BY THE CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC), WHICH INCLUDE HAVING A FEVER, DRY COUGH, SHORTNESS OF BREATH, CHILLS, REPEATED SHAKES WITH CHILLS, MUSCLE PAIN, HEADACHE, SORE THROAT OR A LOSS OF TASTE AND/OR SMELL, DO NOT PARTICIPATE IN THE SITE VISIT.

Questions

- To be official, questions must be in writing and submitted via email to:
  jorge.ardines@houstontx.gov

- Answers will be posted on the HAS website as Letter of Clarification(s):
  http://www.fly2houston.com

Closing Remarks

**DESIGN-BUILD FOR TAXIWAY L AND RUNWAY 4-22 SHOULDERS CONSTRUCTION AT ELLINGTON AIRPORT (EFD)
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HOUSTON AIRPORT SYSTEM

Thank you!