

Skyway Replacement Project

PRE-SUBMITTAL CONFERENCE



PRE- SUBMITTAL CONFERENCE

REQUEST FOR QUALIFICATION (RFQ)

DESIGN-BUILD-OPERATE-MAINTAIN THE SKYWAY APM SYSTEM REPLACEMENT AT IAH SOLICITATION # HJA-APMDBOM-2024-005

Jorge Ardines
Sr. Procurement Specialist
Houston Airport System

Friday, September 15, 2023, 9:00 A.M.

Pre-Qualification Meeting Agenda



- | | | |
|------|--------------------------------|--|
| I. | Opening Remarks | Al Oracion
Division Manager |
| II. | Solicitation Overview | Jorge Ardines
Sr. Procurement Specialist |
| III. | Office of Business Opportunity | Kellie Irving
Deputy Asst. Director, HAS OBO |
| IV. | Project Scope and Overview | Barry Gardebled
Project Director – Major Projects |
| | | Aaron Hester
Senior Associate – Lea+Elliott |
| I. | Questions/Answers | |

PURPOSE:

The City of Houston (City), Houston Airport System (HAS) invites interested firms to submit qualifications for Design-Build-Operate-Maintain the Skyway APM System Replacement At George Bush Intercontinental Airport (IAH)

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 or bidders (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 or bidders (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



SOLICITATION DUE DATE AND TIME:

Thursday, October 19, 2023, 2:00 P.M. (local time)

QUESTIONS AND REQUESTS FOR ADDITIONAL INFORMATION ARE DUE BY:

Thursday, September 21, 2023, 3:00 P.M. (local time)

Must be received electronically and directed via email to:

Jorge.ardines@houstontx.gov

Add'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, October 19, 2023, 2:00 P.M., (local time).

Address to send/submit to
Attn: Cathy Vander Plaats
Aviation Procurement Officer
Houston Airport System, Administration Facility
16930 JFK Blvd.
Houston, Texas 77032

Please include the phrase **“RFQ No. HJA-APMDBOM-2023-005, DESIGN-BUILD-OPERATE-MAINTAIN THE SKYWAY APM SYSTEM REPLACEMENT AT GEORGE BUSH INTERCONTINENTAL AIRPORT”** 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 10.5 – 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 three hundred sixty-five (365) consecutive calendar days from the date of receipt by the City.
- Forms to be submitted with the SOQ are listed in Part VI, Section 23.0 and must be properly and completely filled-up.

Procurement Timeline



Description	Scheduled Date
Advertisement of Solicitation	08/25/23
Pre-Submittal Virtual Conference	09/15/23
Questions from Respondents Due to City	09/21/23
SOQ Submission Due from Respondents	10/19/23
Notification of Shortlisted Firms(Estimated)	12/14/23
Date RFP issued to Shortlisted Firms (Estimated)	01/11/24
Technical and Price Proposal Due (Estimated)	05/16/24
Oral Interview/Presentation (Estimated)	06/13/24
Negotiation (Estimated)	07/18/24
City Council Agenda Date (Estimated)	09/19/24
Contract Start Date (Estimated)	10/31/24

Evaluation Criteria (Step 1)



Step 1: RFQ Content	Weights
Project Approach	30 points
Proposed Operating System	40 points
Firm (s) and Project Team Qualifications	15 points
Management and Staffing Plan	15 points
TOTAL SCORE	100 Points
Minimum Required Experience	Pass/Fail
M/WBE Plan (Design)	Pass/Fail
Financial Capabilities	Pass/Fail
Experience Modification Rate	Pass/Fail
OSHA Citations	Pass/Fail
Claims History	Pass/Fail

Houston Airport System Office Of Business Opportunity

About Us

Establish M/WBE and DBE Goals

Evaluate Good Faith Efforts

Determine Commercially Use Functions

DBE and MWBE Participation Plans and Letters of Intent

B2GNow

Labor Compliance (Prevailing Wages/Weekly Certified Payrolls)

EEO Requirements and Drug Policy

Hire Houston First Program

Pay or Play (POP)

DBE and ACDBE Certifications

Diversity Requirements

The MWBE Goals on this project are as follows:

Design -	15.00%
Construction -	21.00% (16% MBE, 5% WBE)
Operate and Maintain -	6.00%

**Pertaining to the Build M/WBE Goal, the Proposer may substitute SBE participation of no more than 4% of the MBE or WBE goal or portions of the MBE or WBE goal.*

Certified Payrolls

The Little Davis Bacon Prevailing Wage Determinations will apply based on state and local guidelines for the **Heavy** trades.**

**** NOTE: If there are any underpayments determined during the course of the project there is a \$60 per day per employee penalty for any violations found.**

Certification

Firms **Must Be Certified MWBE At Time Of Proposal Submission.**

If firm is not certified MWBE, they will not count towards contract participation.

Questions about certification:

visit <http://www.houstontx.gov/obo> Or phone (832) 393-0600.

Certified Firm Directory

If the prime needs assistance in locating certified firms they can utilize the City of Houston MWBE Online Directory.

This will allow you to search for firms certified in the areas where subcontracting opportunities exist using descriptions, NAICS codes or company names.

The Directory can be accessed from the City's home page.

<https://houston.mwdbe.com/FrontEnd/searchcertifieddirectory.asp>

Participation Plan Form 470

The prime must submit form 470 if they will meet the listed goal of the advertisement for contracts with their submittal using any goal type permitted on the advertisement.

The Prime must list the firms currently certified, the work they will perform, and the percentage of the goal they will be used to meet.

HAS OFFICE OF BUSINESS OPPORTUNITY



Participation Plan Form 470

BIDDER'S MWSBE PARTICIPATION PLAN

Document 00470

BIDDER'S MWSBE PARTICIPATION PLAN

The Bidder or Proposer shall submit this completed form with the bid to demonstrate the Bidder/Proposer's plan to meet the M/WBE contract goal(s) ("contract goal(s)"). If the Bidder/Proposer cannot meet the contract goal(s), the Bidder/Proposer has the burden to demonstrate "Good Faith Efforts," which shall include correctly and accurately preparing and submitting this form, a Record of Good Faith Efforts (Document 00471), a Request for Deviation from the Goal (Document 00472), and supporting documentation evidencing their "Good Faith Efforts," as required by the City of Houston's Good Faith Efforts Policy (Document 00808). The City will review the Participation Plan and Good Faith Efforts at the time of bid opening. Visit <http://www.houstontx.gov/obc> for more information.

City Advertised Contract Goal	MBE	WBE	<ul style="list-style-type: none"> MBE and WBE Goals are two separate Contract Goals, to be met individually. Any excess of one Goal cannot be applied to meet another Goal. An SBE can be applied to the MBE and/or WBE Goal, but not to exceed 4%. Up to 50% of the Bidder's Participation plan may be met using Suppliers. Up to 50% of the advertised goal may be met at the Prime level if the Prime is a City-certified firm. Bidder must select one (1) certification type for Prime level credit. Prime level participation percentage must not exceed the individual MBE or WBE advertised goal. Prime level credit does not apply to SBE-certified firms. 		
NAICS Code (6 digit)	Description of Work (Plan Sheet #, Unit Price #, Scope of Work #, as applicable)	% of Total Bid Price (2 decimal places; for example: 5.00%)	Services or Supplier	Cert. Type for Goal: MBE, WBE, or SBE	Certified Firm Name Firm Address Contact Name Phone No. and E-Mail
				MBE <input type="checkbox"/> WBE <input type="checkbox"/> SBE <input type="checkbox"/>	USE THIS LINE FOR PRIME LEVEL CREDIT ONLY. CREDIT MUST NOT EXCEED 50% OF THE ADVERTISED GOAL.
				MBE <input type="checkbox"/> WBE <input type="checkbox"/> SBE <input type="checkbox"/>	
				MBE <input type="checkbox"/> WBE <input type="checkbox"/> SBE <input type="checkbox"/>	
				MBE <input type="checkbox"/> WBE <input type="checkbox"/> SBE <input type="checkbox"/>	

By submitting this form, your firm agrees to enter into formal subcontracting agreement(s) with the MWBE subcontractors/subconsultants listed on this participation plan upon award of a contract from the City.

Bidder's Participation Plan Total	MBE	WBE	SBE	Authorized Signature: _____
				Printed Name: _____

Company Name: _____ Date: _____

Phone: _____ Email: _____

<<Bidder or Proposer Name>>
 00470 - 1
 Edition Date: 01-18-2022

- Submitted at the time of proposal.
- Captures the MWSBE participation that the Firm commits to achieve for that contract.
- Used for determining whether Proposer has a plan to meet the goal.
- Language added to *specify* the City's separate Contract Goals and how to count MWSBE participation in order to meet the City's MWBE Contract Goal



MWBE Prime Level Participation

Up to 50% of the Advertised Goal may be met if the Prime is a City-Certified firm.

The Proposer must select one (1) certification type for Prime level credit.

Prime level participation percentage must not exceed the individual MBE or WBE.

The Prime must also perform a Commercially Useful Function (CUF) to receive credit for their participation on the project.

Credit Counting

Prime can use a sub to meet only one goal for the contract, i.e., MBE or WBE or **SBE**. **Subs only get credit for work they perform in which they are performing a commercially useful function (CUF).**

Credit for work subcontracted by your goal credit firm to a non-certified firm may not be counted after award if they do not perform to the standards set to meet CUF.

Supplier Definitions

Please confirm if the sub is a **manufacturer, supplier with inventory** or **broker**.

Truckers must use at least one of their own trucks on the project to receive credit on the project.

Goal credit subs must perform 50% of the work as a subcontractor or have the merchandise for sale at their showroom if a supplier.

Good Faith Efforts

If you are unable to meet the goal fully then you can submit to the City your efforts to meet the goal and ask that your “Good Faith Efforts” be evaluated. If you are using this option, then we ask that you start documenting all the things your company did to find MWBE participation and the results of your search so that your efforts can be evaluated.

A copy of the Good Faith Efforts Policy can be found in Section 808 in the Project Manual

Pre Bid Good Faith Efforts 471

If prime cannot meet advertised goal as stated, then they will complete forms **470 – 472** in their entirety and submit with their bid.

This allows the prime to document the efforts made to meet the goal. The City will evaluate the prime’s “Good Faith Efforts” to meet the goal if he submits the three forms listed above.

PRE-BID GOOD FAITH EFFORTS

[Short Project Name] _____
 WBS No. [WBS No.] _____

Document 00471

PRE-BID GOOD FAITH EFFORTS

Bidder Name: _____ Project Name: _____

A Bidder or Proposer that may be unable to complete or follow a Participation Plan (Document CCD-00470) to meet the Contract Goal in the Supplemental Conditions (Document 00800), must submit this completed form, Goal Deviation Request Form (Document 00472), providing supporting documentation evidencing their “Good Faith Efforts”, as required by the City of Houston’s Good Faith Efforts Policy (see Document 00808).

The Bidder or Prime Contractor has the burden to demonstrate “Good Faith Efforts” to meet the MWSBE goal, which includes correctly and accurately preparing and submitting this form and other efforts described in the City’s Good Faith Efforts Policy (Document 00808). The Office of Business Opportunity will review Good Faith Efforts and Participation Plan after selection of an apparent low bidder.

UNLESS THE BIDDER’S/PROPOSER’S PARTICIPATION PLAN MEETS THE CONTRACT GOAL, FAILURE TO SUBMIT THIS FORM MAY RESULT IN THE BID BEING FOUND NON-RESPONSIVE.

NAICS Code	Plan Item No.	MWSBE Type for Goal	Certified Firm Name Address, Phone No. and E-Mail	Certified Firm Contact Person	Methods of Contact	Prime Contact Dates	Certified Firm Response	Results of Contact (why suitable or not suitable for work)
		MBE <input type="checkbox"/> WBE <input type="checkbox"/> SBE <input type="checkbox"/>			Phone <input type="checkbox"/> E-mail <input type="checkbox"/> Fax <input type="checkbox"/>			
		MBE <input type="checkbox"/> WBE <input type="checkbox"/> SBE <input type="checkbox"/>			Phone <input type="checkbox"/> E-mail <input type="checkbox"/> Fax <input type="checkbox"/>			
		MBE <input type="checkbox"/> WBE <input type="checkbox"/> SBE <input type="checkbox"/>			Phone <input type="checkbox"/> E-mail <input type="checkbox"/> Fax <input type="checkbox"/>			
		MBE <input type="checkbox"/> WBE <input type="checkbox"/> SBE <input type="checkbox"/>			Phone <input type="checkbox"/> E-mail <input type="checkbox"/> Fax <input type="checkbox"/>			

Authorized Signature: _____ Date: _____ Phone: _____
 Print Name: _____ Email Address: _____
 Company Name: _____

00471-1
August-2015

Hire Houston First

Hire Houston First (HHF) is a policy implemented by the City of Houston to award contracts to local companies over non-local companies at the time of contract award if they meet the following criteria:

If contract value is \$100,000 or greater, then contract is awarded to local business that is within 3% of the lowest bid.

If contract value is under \$100,000, then contract is awarded to local business that is within 5% of the lowest bid.

Firms must have the HHF Designation at time of proposal submittal.

Questions: HireHoustonFirst@houstontx.gov

Pay or Play Program

Pay or Play (POP) Forms

On July 1, 2007, the Pay or Play (POP) program was implemented by the Mayor, through Executive Order 1-7, in an effort to promote a work environment that supports a quality workforce for employees working on City contracts, and to enhance fairness in the City's bidding process for contracts.

It is the policy of the City of Houston to require certain contractors to either; contribute a designated amount to be used to offset the costs of providing healthcare to uninsured people in the Houston/Harris County area (PAY), or to require certain contractors to provide to certain employees a minimum level of healthcare benefits (PLAY). The Office of Business Opportunity serves as the Administrator of the POP program. Please view the POP Presentation and Pay or Play Program Requirements for more details about the program.

Pay or Play Program Requirements

PAY OR PLAY (POP) FORMS	
POP-1	City of Houston Pay or Play Acknowledgement -- Filled out and submitted with bid packet . Contractor acknowledges POP Program and agrees to comply if they are the successful bidder
POP-2	City of Houston Certification of Compliance with Pay or Play Program -- Filled out and submitted by the successful bidder (Contractor/Subcontractor) . Contractor chooses how they will participate in the POP Program (updated 04.03.2013)
POP-3	City of Houston Pay or Play Program List of Subcontractors -- Filled out and submitted by the successful bidder (Contractor) . List of all subs participating on the project
POP-4	City of Houston Pay or Play Program Contractor / Subcontractor Waiver Request Filled out and submitted by the Department that has the contract. Used as a request for a particular contract that qualifies for a waiver (Waived upon OBO approval)
POP-5	City of Houston Pay or Play Program Contractor / Subcontractor Reporting Form (Pay Option) Filled out and submitted on a monthly basis by the Contractor that will be participating in the "Pay Option". (updated 12.27.2012)
POP-6	City of Houston Pay or Play Program Department Quarterly Update -- Filled out and submitted by the Department POP Liaison on a quarterly basis. Used to report current POP Contracts. (updated 12.27.2012)
POP-7	City of Houston Pay or Play Program Contractor/Subcontractor Reporting Form (Play Option) - Filled out and submitted on a quarterly basis by the Contractor that will be participating in the "Play Option". (updated 04.03.2013)
POP-8	City of Houston Pay or Play Program Employee Waiver Request -- Filled out by the Contractor or Subcontractor/Employee in effort to request that an employee is waived from the POP Program requirements (Waived upon OBO approval) (updated 04.03.2013)
POP-9	City of Houston Pay or Play Self-Insured Request -- Filled out and submitted by a Contractor that is requesting to be considered a self-insured company (Granted upon OBO approval)

HAS OBO Related Questions & Assistance

has.obo@houstontx.gov

Final Questions

If there are any questions not answered, please put them in writing to the Senior Procurement Specialist listed in the solicitation and a representative from HAS OBO will provide a written response to you that will be available to all the attendees of the Pre-Proposal Meeting.

HOUSTON AIRPORT SYSTEM

Barry Gardebled

Project Director – Major Project

Aaron Hester

L+E - Senior Associate

Project Overview and Scope



Overview:

The Houston Airport System (HAS) has identified a need for a replacement of the Skyway APM System at IAH.

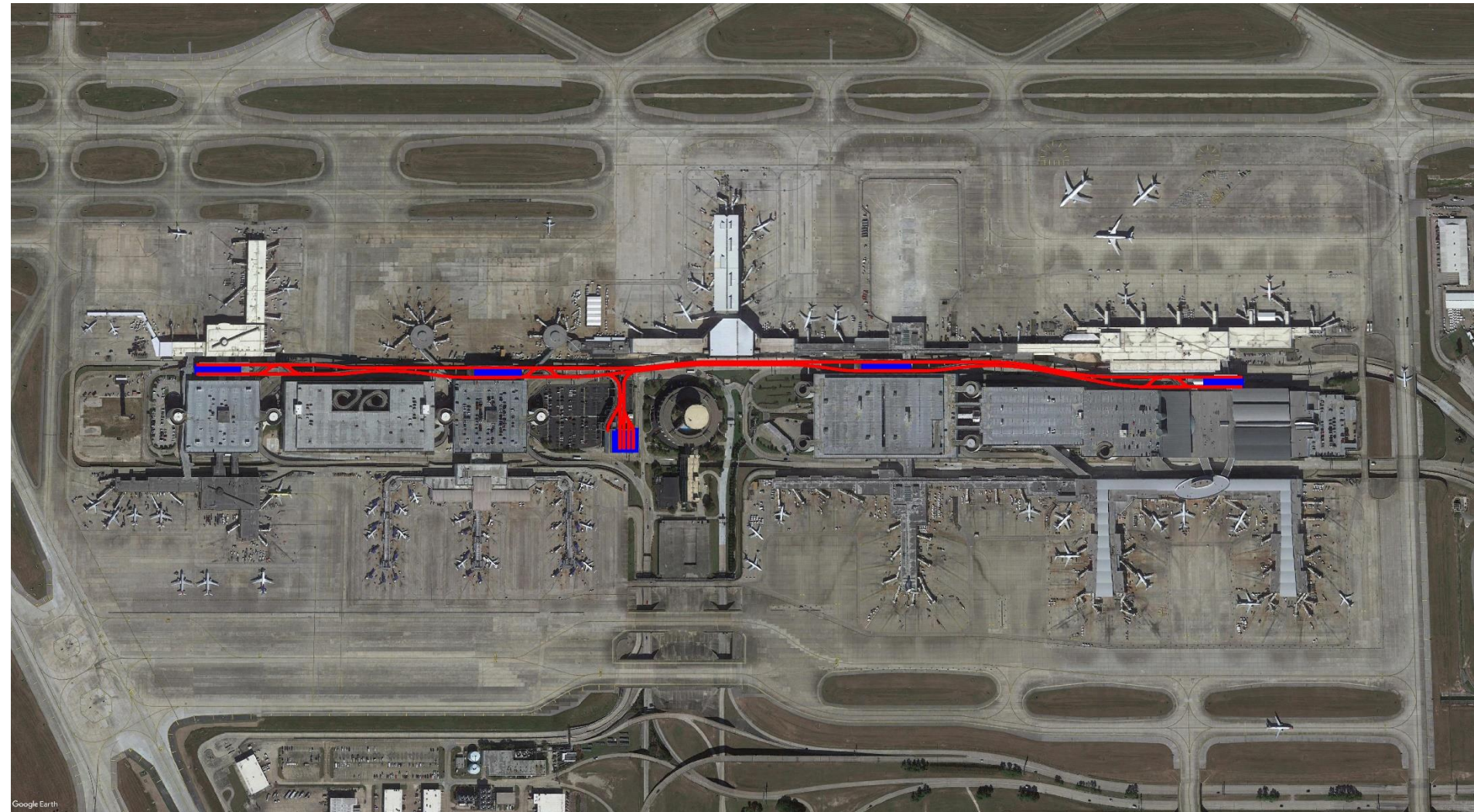
The Contractor will be solely responsible (turnkey) for delivering all aspects of the Work and integrating the Operating System and the Fixed Facilities into a fully functional System.

The Contractor will provide complete operation and maintenance of the APM at IAH 24 hours per day, 7 days a week, 365 days per year.

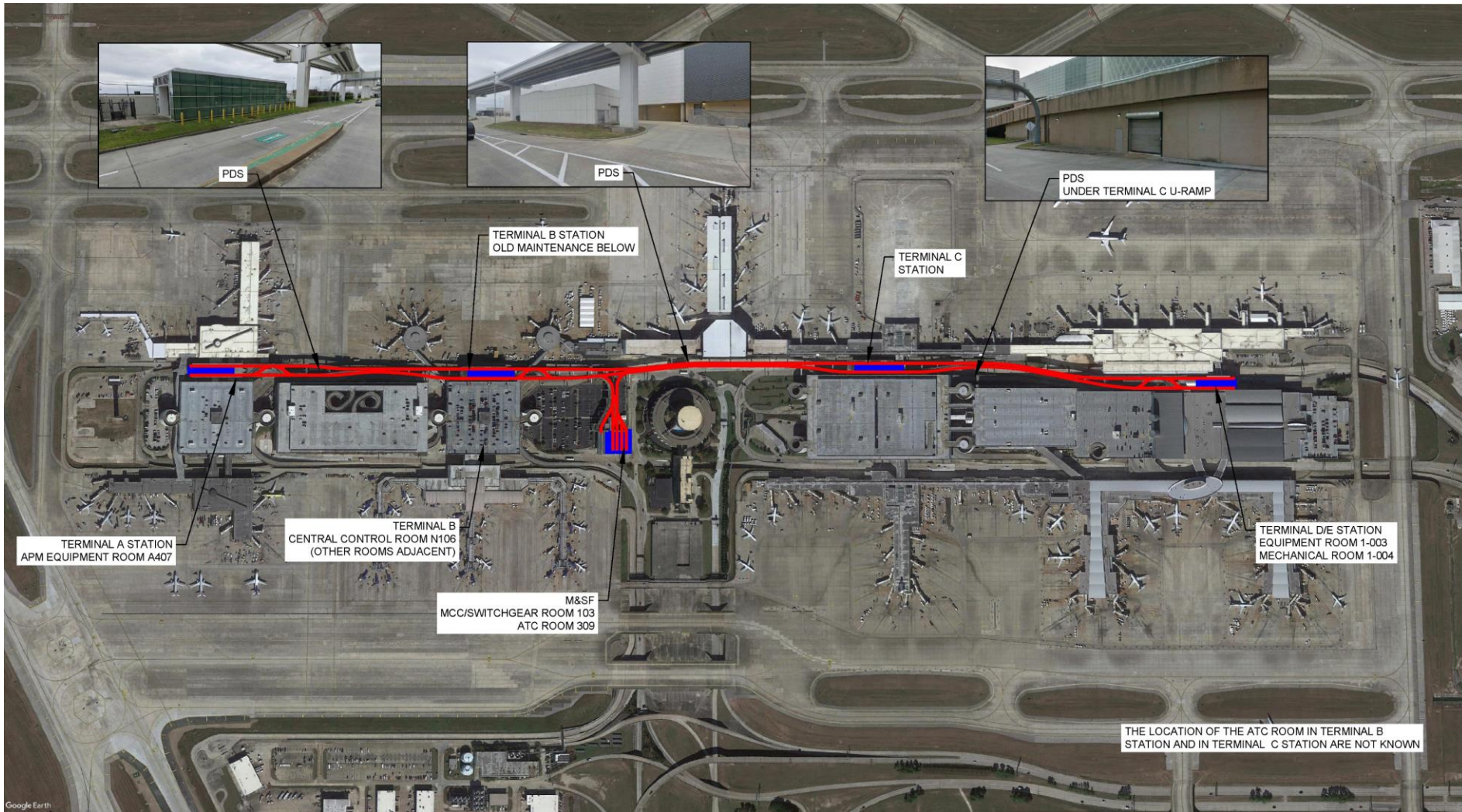
The Work will be performed under one contract in two parts. The two parts consist of:

- Part 1 - Design-Build
- Part 2 - Operations and Maintenance

Project Overview and Scope

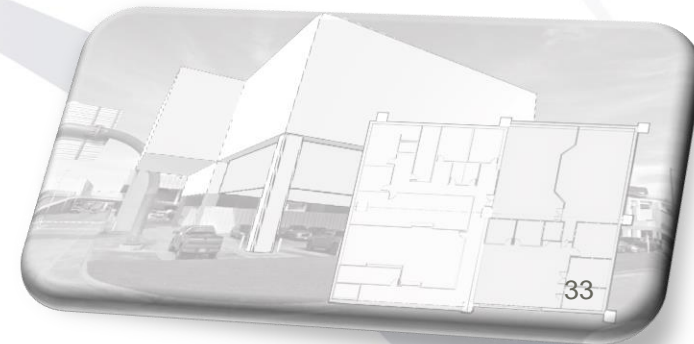


Project Overview and Scope



System Statistics

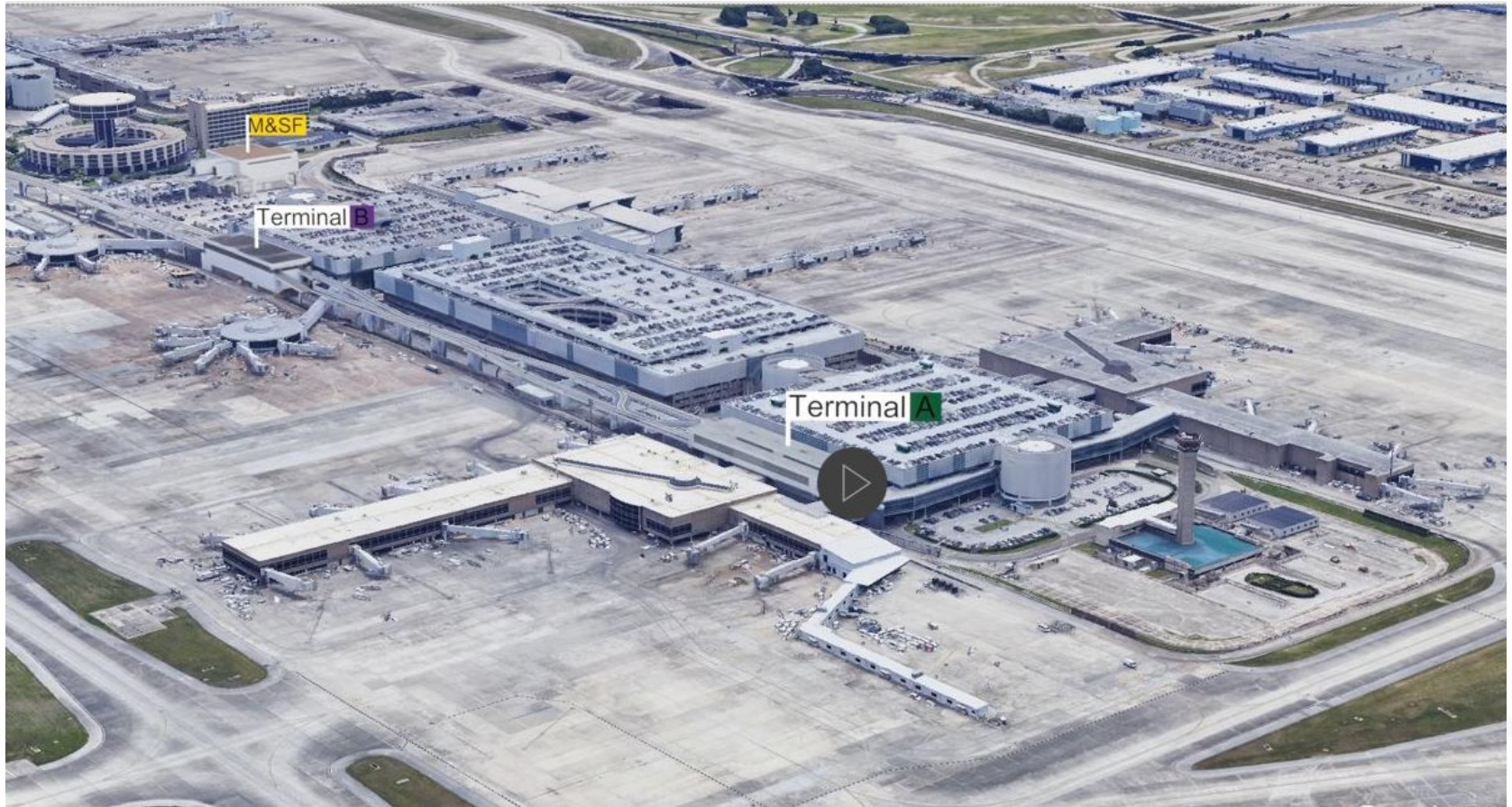
System Name:	Skyway (formerly TerminalLink)
Role:	Airside conveyance (secure)
In Service Year(s):	Phase 1 - 1999, Phase 2 - 2005, Phase 3 - 2010
System Operating Configuration:	Pinched loop, elevated
Guideway Length:	1.0 miles (1.6 km) dual-lane guideway
Vehicle/Train Configuration:	2-car trains
Fleet Size:	16 vehicles (8, 2-car trains)
Propulsion:	600 Vac traction motors, guideway-mounted insulated power rail
Control System:	Fixed block, fully automated
Peak Hour Capacity:	5,000 pphpd
Headway:	1.85 mins



Terminal A Station



Partial Project Overview



Terminal A



Terminal A (Cont'd)



Terminal A (Cont'd)



Terminal B Station



Terminal B



Terminal B



Terminal B



Maintenance & Service Facility



Maintenance & Storage Facility

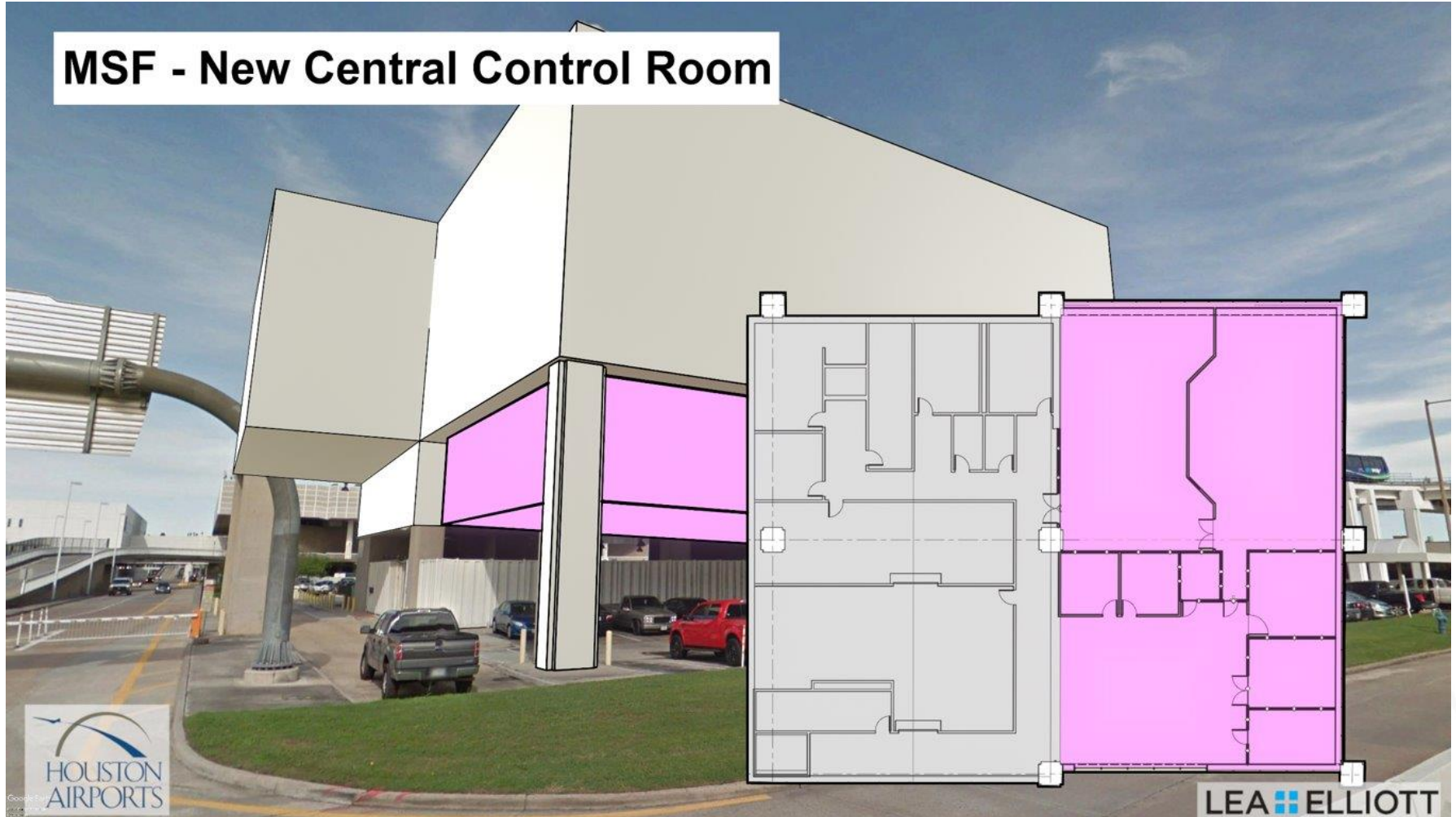


Maintenance & Storage Facility



Maintenance & Storage Facility

MSF - New Central Control Room



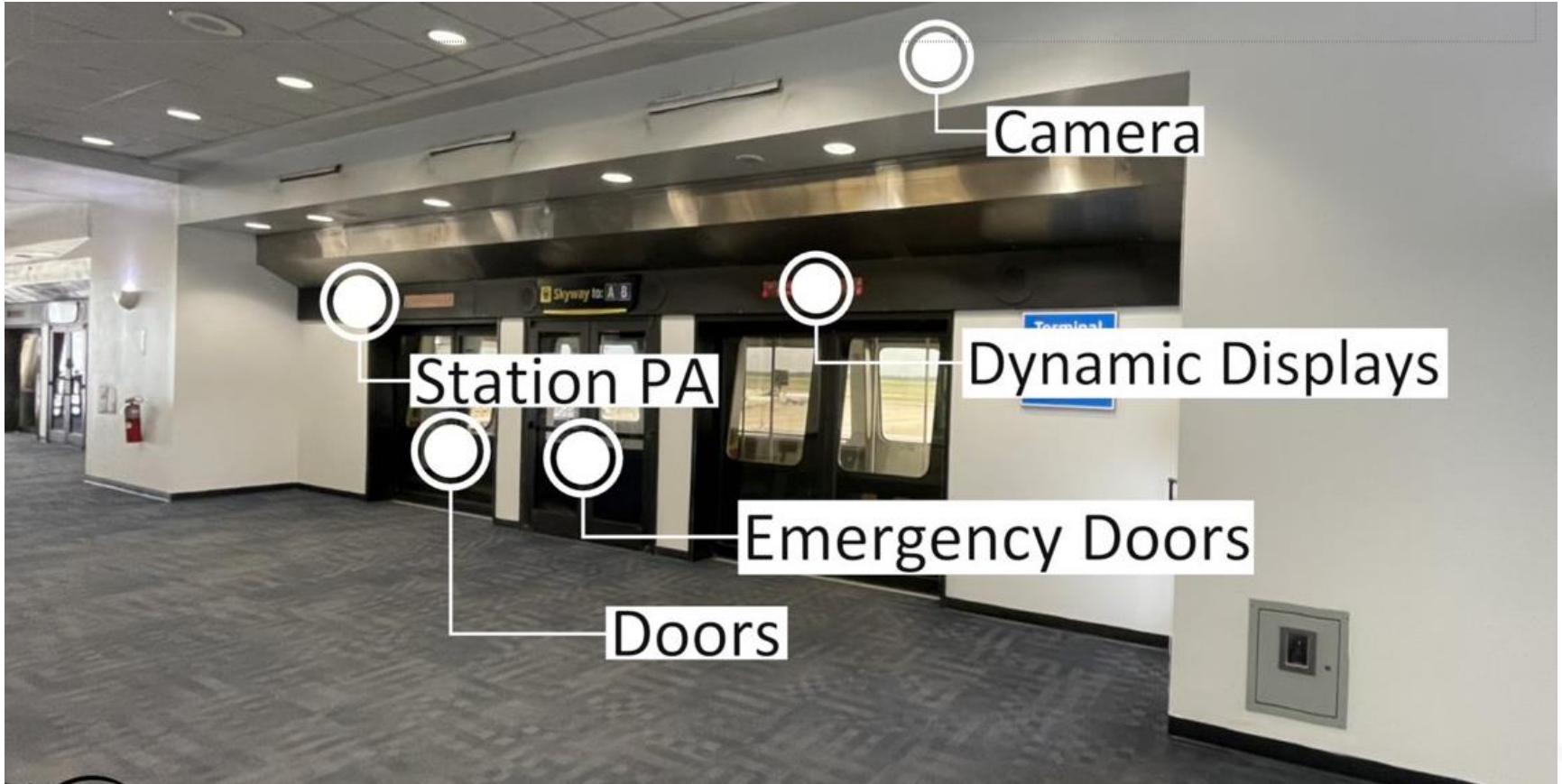
Terminal C Station



Terminal C



Terminal C



Terminal D & E Station



Terminal D & E Station



Terminal D & E Station



Design Life



- 50 Years - Fixed Facility Structures
 - Guideways, Stations, MSF, and All Other Fixed Facility System Related Structures
- 30 Years – Guideway Equipment
 - Running Surfaces
 - Guidance Equipment, including Guideway Switches
- 30 Years - Power Distribution System Substations and All Wiring and Cabling
- 15 Years - ATC , Communication Equipment and All Other Major System Equipment
- Vehicle Design Life
 - At Least 30 years or 3,000,000 miles
 - Full Rehabilitation of the Vehicle will be permitted at 15 years or 1,500,000 miles

Guideway Details



Power Distribution Ssystem

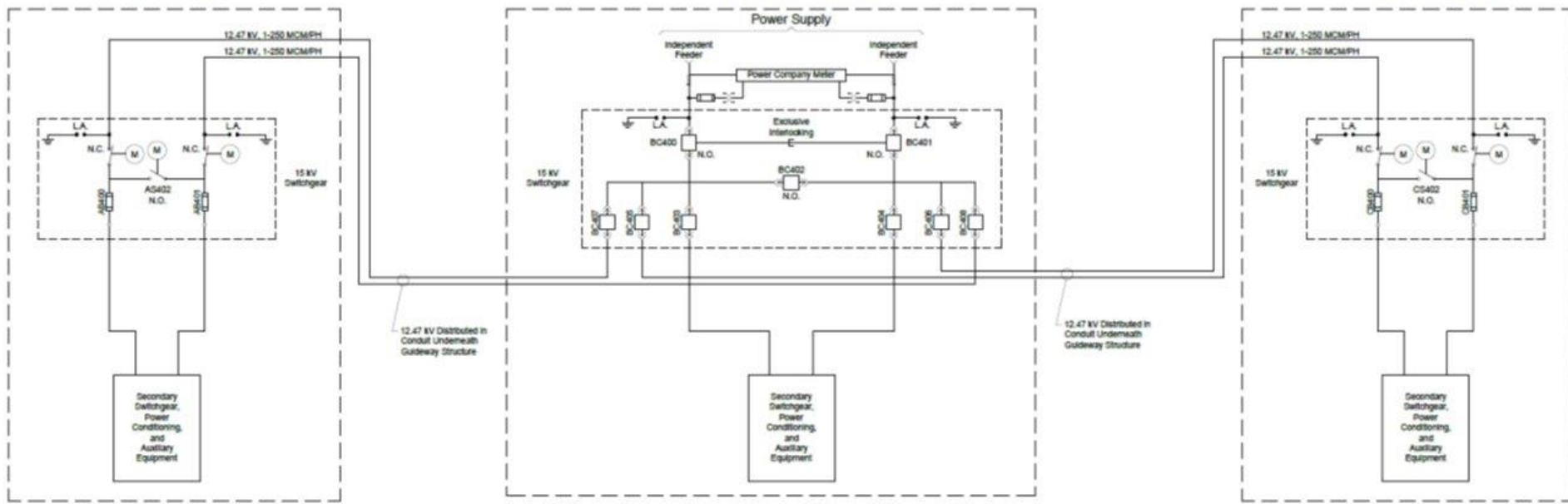


PDS Overview

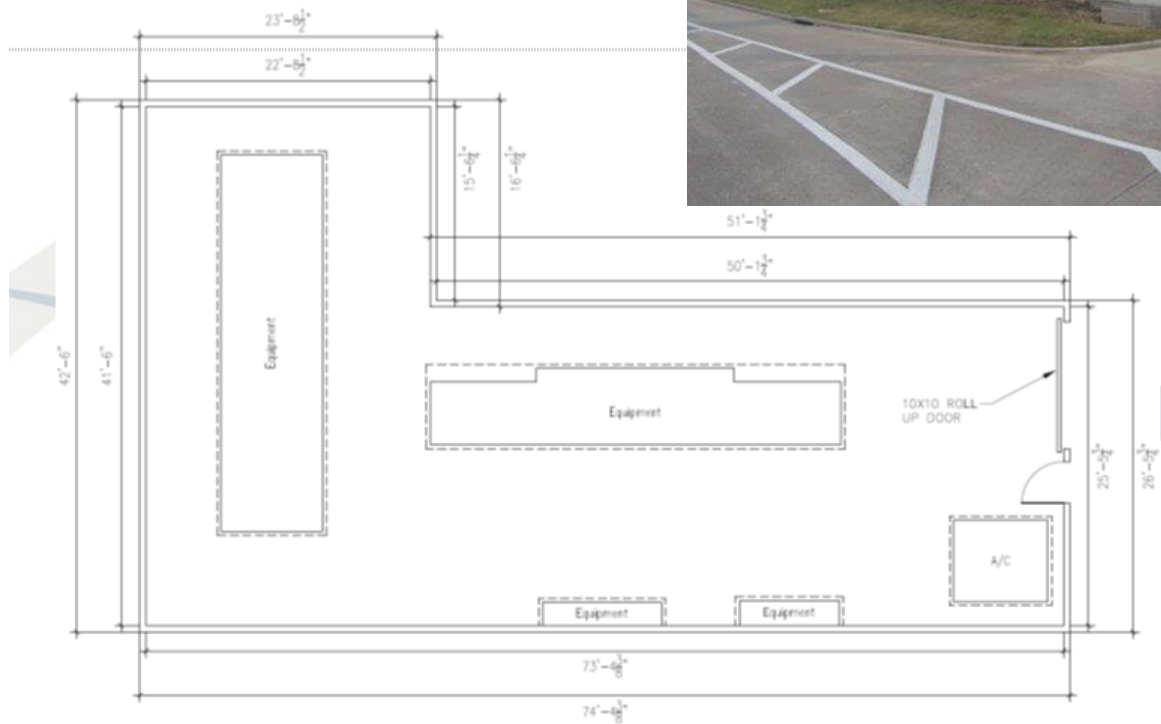
PDS Substation 3

PDS Substation 1

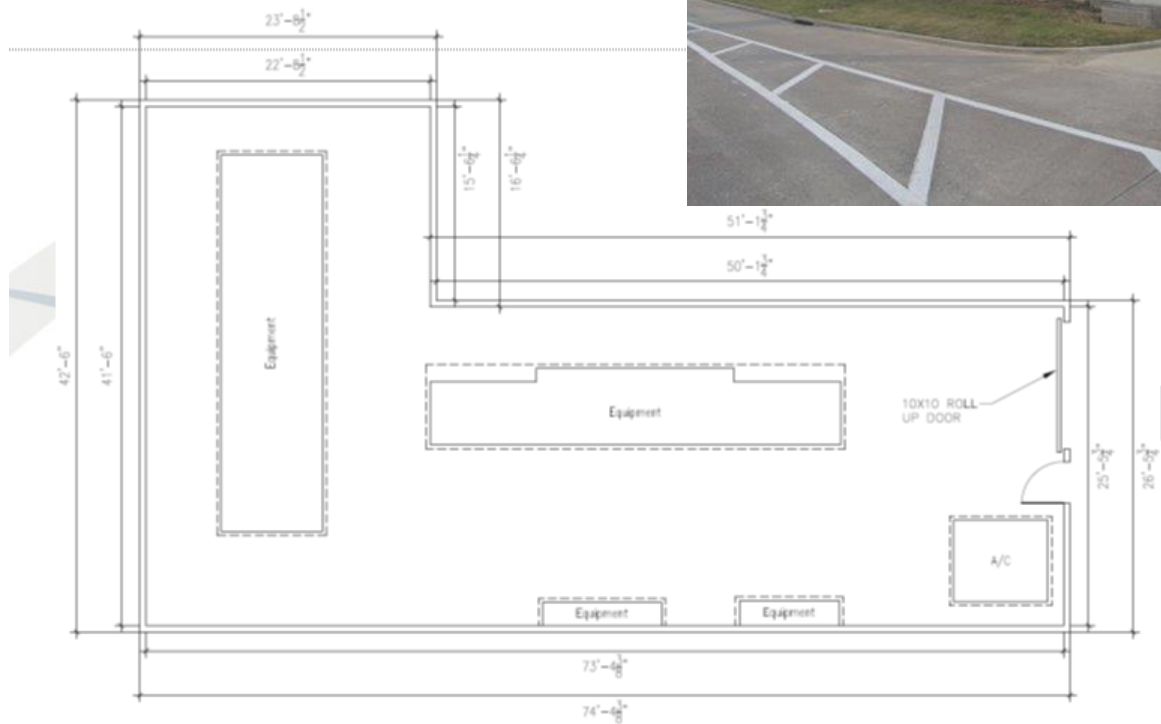
PDS Substation 2



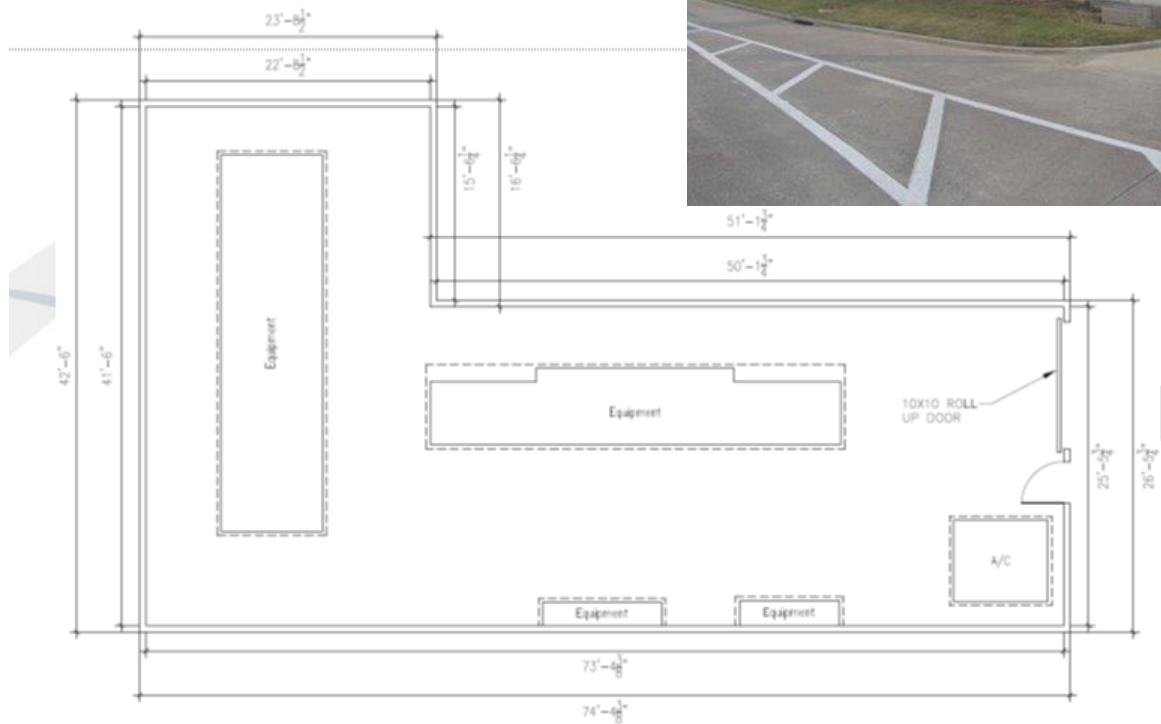
PDS Substation No. 1



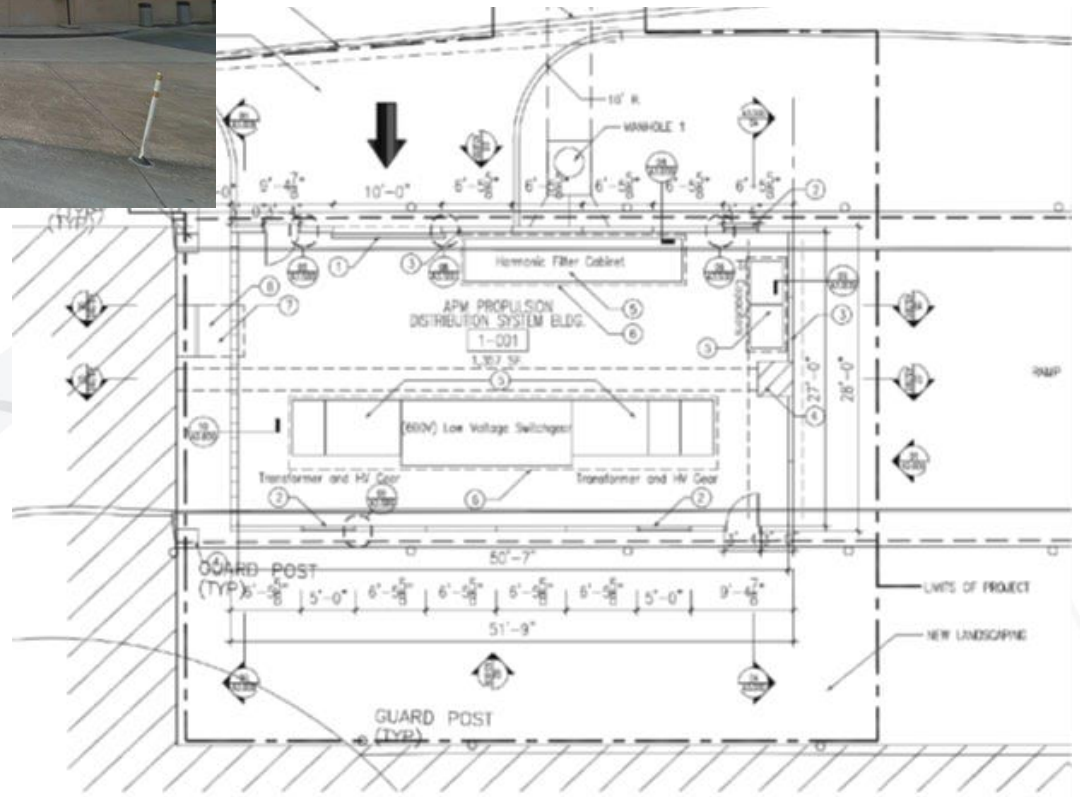
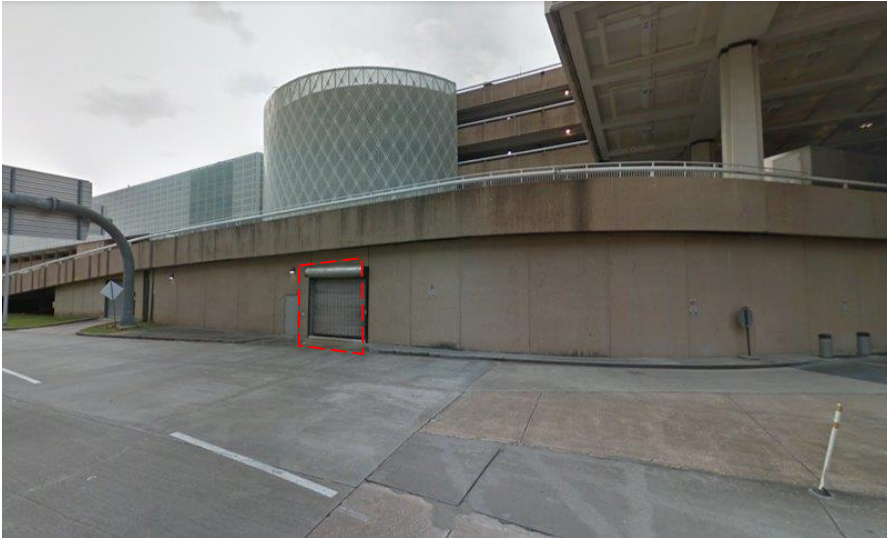
PDS Substation No. 1



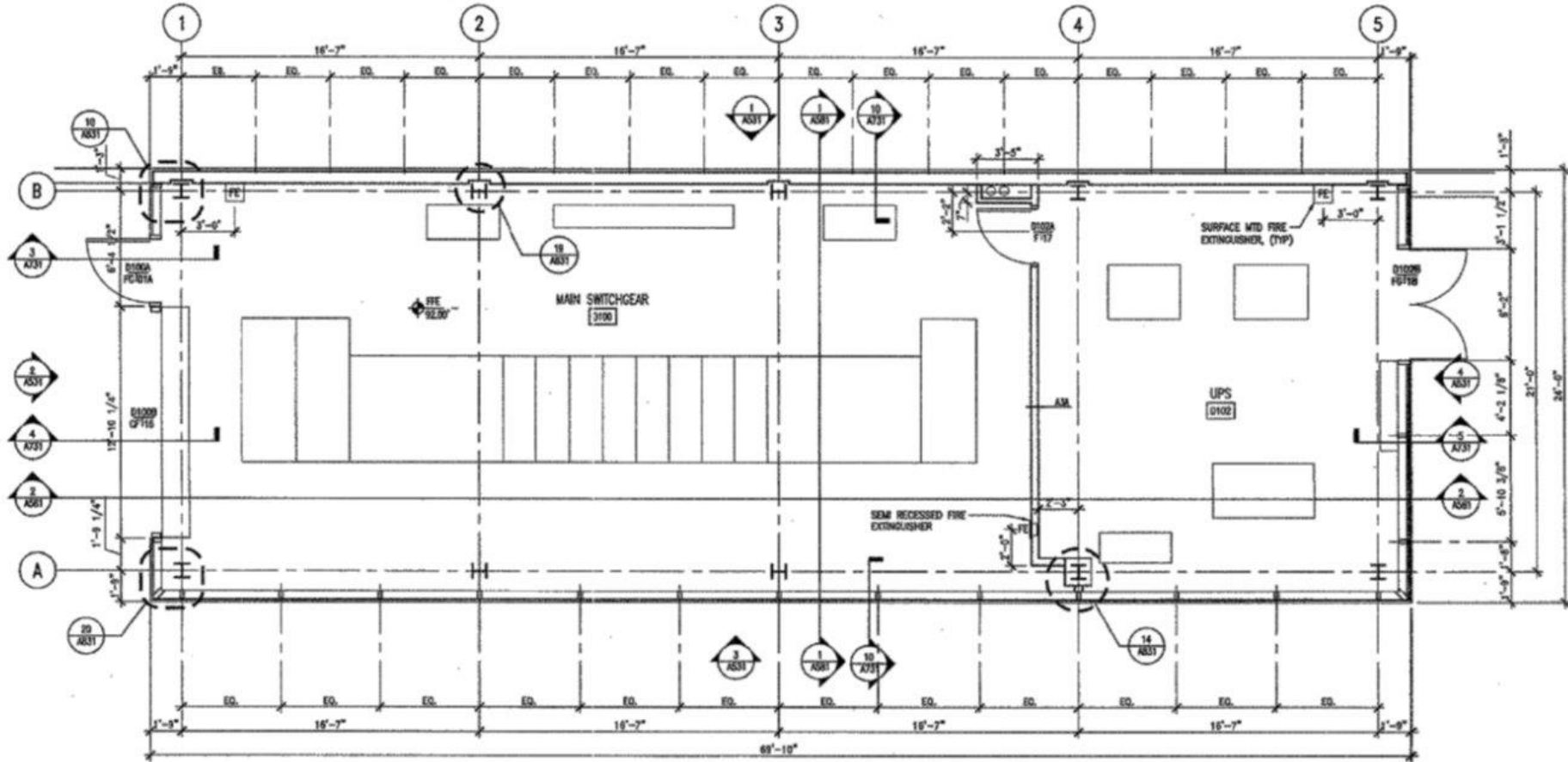
PDS Substation No. 1



PDS Substation No. 2



PDS Substation No. 3



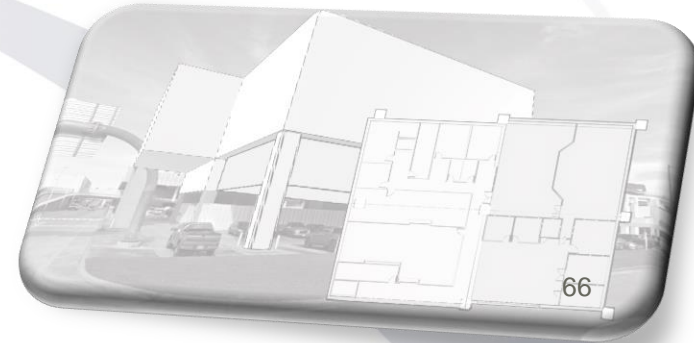
1 ENLARGED PLAN - LEVEL 1
 1/4" = 1'-0" A01.DWG



Project Overview and Scope

Part 1 - Design-Build

- 1) Removal/Demolition And Disposal
- 2) Design of the Replacement System
- 3) Fixed Facilities (Modification of Existing and Construction of New)
- 4) Analysis, Manufacture, Supply, Factory Testing, Shipping and Installation
- 5) Inspection of Fixed Facilities
- 6) Integration and Verification
- 7) Integration of Existing elements
- 8) Project Management, Control and Administration
- 9) Safety Certification



Part 2 - Operations and Maintenance

- 1) Administration and Management O&M of the System
 - a) Personnel
 - b) Supplies
 - c) Materials
- 2) Manage and Maintain Inventory
- 3) Training of Maintenance and Operating Personnel
- 4) Perform Preventative and Corrective Maintenance
- 5) Develop, Implement and Maintain an On-Going Safety Program
- 6) Cleaning and Janitorial Services
- 7) Prepare Reports Recording the Performance of the System

Project Overview and Scope

*Add Alternate Project Financing

HAS is requesting the respondents to provide

- 1) Experience
- 2) Capability
- 3) Capacity



Project Site Visit



Site Visit:

A site visit will take place immediately after the conference. A safety briefing will be conducted after the conference presentation, and attendees that are attending the site visit are required to bring their own PPE.

TOUR DATES: Thursday, September 14 & Friday, September 15, 2023

Date	Time	Airport	Meeting Location	Address	Tour
9/14/23	10:00 PM	IAH	IDO Building	111 Standifer Drive Humble TX 77338	Tour of the APM Track
9/15/23	9:00 AM	IAH	IDO Building	111 Standifer Drive Humble TX 77338	Tour of Maintenance Facility, Control Room, Terminal D Station

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-OPERATE-MAINTAIN THE SKYWAY APM SYSTEM REPLACEMENT
AT GEORGE BUSH INTERCONTINENTAL AIRPORT (IAH)
HJA-APM-2024-005**

HOUSTON AIRPORT SYSTEM

Thank you!