



# CITY OF HOUSTON

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May 21, 2025

**SUBJECT:** Addendum No. 1

**REFERENCE:** Invitation To Bid (ITB) for IAH Skyway Structural Improvements at George Bush Intercontinental Airport (IAH); Solicitation No. HJA-SKYWAY-2025-007; Project No. 993

**To:** All Prospective Bidders:

This Addendum is being issued for the following reasons:

**I. Replace** the following document:

1. Revised Doc 00410B – Bid Form (05/20/2025). **Bid Item #25 is deleted from the project. Scope for panel insulation at Terminal D sliding doors will not be included in the project.**

**II. Respond** to questions.

1. **Question:** What is the estimated cost for this project?

**Response:** The estimated construction cost for this project is \$13,000,000.

2. **Question: Staging area:** Will a staging area be provided for the subcontractors for the storage of tools, equipment and material?

**Response:** The designated staging area is shown in the project plans, sheet G103.

3. **Question: Dust Control:** On this project with surface prep, what are the requirements for dust control with the airport and skyway?

**Response:** Dust control, debris control, and pollutant control are detailed in the plan sheets G-004, G-101, and G102. Multiple notes provide detailed information. Means and methods to meet these requirements are dependent on the Contractor to prevent dust, debris, pollutants from entering the AOA.

4. **Question: Power and water supply:** Some of the work items require the use of power and water. Will the airport provide water and power for this project?

**Response:** See notes on Sheet G-004 "Utility Notes" section.

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5. **Question: Material Handling:** How will the subcontractors be handing material on the rail for repairs away from the stations?

**Response:** Project plans require debris shield to be provided by the Contractor. See Safety and Access Plan Notes Sheets G-101 and G-102 for Debris Shield requirements.

6. **Question: Safety Requirements:** what are needed to perform work on the rail system? Such as background checks, safety class, and communication requirements.

**Response:** Security and Access requirements are shown on sheet G-004 in the section of notes titled, "SECURITY REQUIREMENTS". Additional safety requirements for working around the Automated People Mover (APM) system are the same as the site-visit requirements during the procurement.

7. **Question: Item # 3** on bid form - For Running beam coating, is there a detail provided? What is the material to be used?

**Response:** The contractor shall fill the cracks with SIKAFLEX 444 and apply waterproofing SIKALASTIC Vehicular Traffic 2900 at all running beams.

8. **Question: Item # 9** of bid form for Expansion joint repair- Is it fair to assume incidental work of 300 SF for nosing repair (Concrete repair) and 200 LF for Sealant work?

**Response:** Based on our site inspection, the total area requiring nosing repair is approximately 300 square feet. However, the use of backer rod and sealant should be limited only to locations where expansion joints cannot be installed. In general, the use of backer rod and sealant is not recommended for this application.

9. **Question: For Item # 11 and 12** of bid form (Concrete repairs) - I do see that there is some rebar work included. What is quantity of rebar work we need to include as incidental to this work?

**Response:** The replacement of reinforcing steel is dependent on the extent of deterioration encountered during demolition. Except for locations requiring dowels between new and existing concrete, no specific rebar installation is detailed.

Therefore, incidental rebar should be assumed only where existing reinforcement is found to be deteriorated or missing and needs replacement to restore structural integrity. Final quantities will be determined in the field upon exposure of the repair areas.

10. **Question:** Is the project Tax Exempt?

**Response:** Yes, this project is Tax Exempt.

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11. **Question:** Item # 19 of bid form - Is this item for installing Sika 330 and Sikadur 300 only? Reason I ask is that just wanted to confirm if this item doesn't involve supply of FRP material like Hex 103C?

**Response:** The contractor may use any FRP system that meets the requirements outlined in the bid form and structural drawing details. The selected system must be supported by appropriate calculations and detailed submittals for review and approval. The design shall be performed by an engineer licensed in the state of Texas.

12. **Question:** Item # 20 of bid form - Is Sika Hex 103C the material to be used for FRP?

**Response:** Please refer to response provided in Question #11.

13. **Question:** Item # 20 - Does this include supply and installation of FRP Hex 103 C?

**Response:** Please refer to response provided in Question #11.

14. **Question:** Item # 20 - Is it fair to assume 4 layers of FRP is to be installed?


**Response:** Please refer to response provided in Question #11.

15. **Question:** Item # 20- Also, I see 1800 LF is the quantity mentioned. Can you please confirm the quantity in square foot (SF)?

**Response:** It is in Linear feet (LF) (Both LF or SF are equal at this point (see the bid form)).

When issued, Addendum shall automatically become part of the solicitation documents and shall supersede any previous specification(s) and/or provision(s) in conflict with this Addendum. Addenda will be incorporated into the Contract as applicable. It is the responsibility of the bidder(s) to ensure that it has obtained all such Addenda. By submitting a bid on this project, bidder(s) shall be deemed to have received all Addenda.

If further clarification is needed regarding this solicitation, please contact Jorge Ardines, Sr. Procurement Specialist, via email at [jorge.ardines@houston.tx.gov](mailto:jorge.ardines@houston.tx.gov).

DS DocuSigned by:  
 Cathy Vander Plaats  
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Cathy Vander Plaats  
Aviation Procurement Officer  
Houston Airport System

cc: Andre Morrow  
Solicitation file

Attachment - Revised Doc 00410B – Bid Form (05/20/2025)

IAH Skyway Structural Improvements  
Project No.993**BID FORM  
PART B**

Document 00410B

## BID FORM – PART B

**1.0 TOTAL BID PRICE HAS BEEN CALCULATED BY BIDDER, USING THE FOLLOWING COMPONENT PRICES AND PROCESS (PRINT OR TYPE NUMERICAL AMOUNTS):****A. STIPULATED PRICE:****\$N/A**

(Total Bid Price; minus Base Unit Prices, Extra Unit Prices, Cash Allowances and All Alternates, if any)

**B. BASE UNIT PRICE TABLE:**

ITEM NO.	CATEGORY	ITEM DESCRIPTION	UNIT	ESTIMATED BID QUANTITY	UNIT PRICE	TOTAL IN FIGURES
1	Mobilization/ Demobilization	Installation/removal of all traffic control devices, laydown yard, and cleaning/restoration of work areas	LS	1.0		
2	Traffic Control	Traffic Control Devices	LS	1.0		
3	Surface Repair	Running Beam Coating: Coating system of a crack bridging and waterproofing product on running beams and deck	SF	1,750.0		
4	Surface Repair	Nosing Repair: Contractor shall use a saw cut (or other tools) to square damages in the running guideway beam at the joints or intersections. Repair the area using rapid-set mortar and epoxy mortar.	SF	36.0		
5	Surface Repair	Grout Repair: Contractor shall remove the damaged grout under steel connections on the skyway. Following preparing the area, form and pour the area sing rapid-set mortar	SF	10.0		

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6	Surface Repair	Curb repair: The contractor shall remove the damaged curb and install a new curb (6"x 5") to match the existing thickness and elevation. The price includes installing new steel dowels to the existing slab and applying corrosion inhibitor paint (AMP UP RB or equivalent).	LF	101.0		
7	Surface Repair	Contraction Joints: The contractor shall use an appropriate saw machine and saw-cut up to 1/8" of the existing curb down to the existing structural slab without damaging the slab and seal the cut with a flexible sealant such as Sikaflex -2c NS EZ Mix+ or equivalent.	LF	115.0		
8	Surface Repair	Epoxy Injection: for structural cracks wider than .004" and less than 1/4": Epoxy inject cracks with SIKADUR 31 HI-MOD GEL Cap Seal, SIKADUR 35, and HI-MOD LV Epoxy Resin. for structural cracks wider than 1/4": Epoxy inject cracks with SIKADUR 31 HI-MOD GELCap Seal and SIKADUR INJECTION GEL Epoxy Resin	LF	11,462.0		

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9	Surface Repair	Expansion joint: The contractor shall remove and replace the existing expansion joints. Price EMSEAL Colorseal Seismic, including nosing repair if needed. In areas lower than 1", the backer rod and sealant shall be used following EOR approval. The contractor shall coordinate with the manufacturer regarding warranty	LF	970.0		
10	Surface Repair	Friction Coating: The contractor shall prepare a steel plate in the transition zones for new epoxy coating. The new coating shall match the existing one.	SF	250.0		
11	Bridge Repairs	Partial-depth Concrete Repair (Spalling)—Contractor Repair horizontal concrete spalls up to 3" in depth per ICRI Guidelines. Price (SIKACRETE 211, SIKACRETE 211 SCC PLUS, SIKQUICK 1000, SIK VOH or Equivalent following consulting with EOR.) Work to include saw cutting, replacement of deteriorated steel, surface preparation and coating of exposed steel.	SF	16,474.0		
12	Bridge Repairs	Full Depth Concrete Repair - Repair horizontal concrete spalls up to full depth (8" depth) of the concrete slab edge per ICRI Guidelines Price (SIKACRETE 211, SIKACRETE 211 SCC PLUS or equivalent). Work to	SF	250.0		

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Bidder's Initials [ ]

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		include saw cutting, replacement of deteriorated steel, surface preparation and coating of exposed steel.				
13	Bridge Repairs	Steel Diaphragm: Contractor shall install diaphragms between prestressed beams. The work includes steel beams, connection plates, drilling, and grouting of holding down bolts.	EA	40.0		
14	Bridge Repairs	Shear Key: Contractor shall prepare the areas for shear keys and install a shear key as shown in the details. Work to include drilling anchors, installing steel reinforcement and concrete/non-shrink grout.	EA	40.0		
15	Bridge Repairs	Bearing Pad: The contractor shall remove and replace the damaged bearing pad with a new bearing pad matching the existing bearing pad property. Work includes lifting the span as necessary to replace the indicated bearing pad in accordance with TXDOT spec (Item 787).	EA	40.0		
16	Bridge Repairs	Grout Pad: Remove the delaminated grout pad and prepare the area up to engineers of record satisfaction. Form the area and pour fiber-reinforced concrete or non-shrink grout to match the existing.	SF	12.0		

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17	Bridge Repairs	Clean and remove all corrosion from the steel plate beneath the slab, and apply a protective corrosion-resistant paint.	LF	20.0		
18	Bridge Repairs	Rust Spot Concrete Repair - Remove miscellaneous exposed steel from concrete and repair per ICRI guidelines. Price (AMP UP RB and SIKATOP 123 PLUS)	EA	250.0		
19	FRP	FRP strengthening: The contractor shall coat the area receiving FRP fabric material with Sika 330, a two-component, medium-viscosity structural epoxy adhesive, immediately before installing it. Then, Pre-saturate FRP fabric with SIKADUR 300, a two-component, low-viscosity structural epoxy saturant resin, and apply the saturated material to the prepared surface. Or use Equivalent upon EOR approval.	SF	3,500.0		
20	FRP	Ledge Beam: contractor shall design and provide 0.31in <sup>2</sup> /ft steel equivalent to the bent caps experiencing bending cracks. Prior to installing FRP spikes, the contractor shall use GPR to locate the steel locations. The FRP installation shall be in between the prestressed beams.	LF	1,800.0		



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21	Terminal	Connection: Contractor shall prepare the area in Terminal C for installation of new Curtain wall as described in the architecture drawing and as structure drawing as well as install all the connections	LS	1.0		
22	Terminal	Strengthening ceiling: The contractor shall carefully install the existing ceiling in Terminal B and install all the connections and steel members as described in the structural drawings.	LS	1.0		
23	Finishing	Provide fresh coat paint to bent caps Repaint exterior wall surfaces with Sherwin Williams Self-Cleaning Coatings, Non pro-rated, warranty 10 years or approved equivalent (Typ.).	LS	1.0		
24	Curtain Wall Replacement	Replace curtain wall system in Terminal C with Laminated Impact Glass	SF	3,920.0		
25	Not Used					
26	Exterior Door Sweeps and Weather Seals	Replace all Exterior Door Sweeps and Weather Seals at sliding and swinging doors at all terminals	EA	68.0		
27	Courtesy Telephone	Replace Courtesy Telephone w/New Recessed or Semi Recessed at Terminals A,B, and C	EA	3.0		
28	Exterior Ceiling Repair	Replace Damaged Exterior Ceiling Over Tracks Synthetic Stucco/EIFS at Terminal B	SF	3,820.0		

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29	Interior Acoustic Ceiling Tile	Replace Interior Acoustic Ceiling Tile at Terminal B	SF	2,000.0		
30	Replace Recessed AED Cabinets	Replace Recessed AED Cabinets at Terminals A and B	EA	2.0		
31	Cleaning HVAC Ducts	Inspect and clean HVAC linear diffusers and steam clean ductwork at Terminal C	LS	1.0		
32	HVAC Filter Replacement	Replace air filters and replace any corroded linear diffusers and/or grilles with new in kind at Terminal C	LS	1.0		
33	Drain Cover	Remove and Install New Roof Drain Covers along APM tracks	EA	30.0		
34	Dust Wall	Dust Wall to close off 1 set of APM sliding doors at a time. Includes dust wall, door closure graphics, installation and multiple relocations for each sliding door closure during construction.	EA	1		
<b>TOTAL BASE UNIT PRICES</b>						\$ _____

**C. EXTRA UNIT PRICE TABLE: N/A**

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PART B****D. CASH ALLOWANCE TABLE:**

Item No.	Spec Ref.	Cash Allowance Short Title	Cash Allowance in figures (1)
1	01210	Building Permit	\$50,000
2	01210	Environmental Testing and Disposal Allowance - Drain gaskets and bearing pads will be tested by others during Construction. If materials are found to be asbestos containing, the allowance will be utilized to pay for an asbestos disposal by the Contractor. If the materials are not asbestos containing, the allowance will not be utilized.	\$200,000
3	01210	Additional Flaggers, Barricades, Site Conditions and specific safety conditions improvements	\$50,000
<b><u>TOTAL CASH ALLOWANCES</u></b>			\$300,000

(1) Fixed Unit Price determined prior to Bid. Cannot be adjusted by the Bidder.

**E. ALTERNATES TABLE:** N/A

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**F1. TOTAL BASE BID PRICE:**        \$ \_\_\_\_\_  
(Add Totals for Stipulated Price, Base Unit Price, Extra Unit Price, and Cash Allowance)

**2.0 SIGNATURES:** By signing this Document, I agree that I have received and reviewed all Addenda and considered all costs associated with the Addenda in calculating the Total Bid Price.

Bidder:

\_\_\_\_\_  
(Print or type full name of your proprietorship, partnership, corporation, or joint venture.\*)

\*\* By:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Name:

\_\_\_\_\_  
(Print or type name)

\_\_\_\_\_  
Title

Address:

\_\_\_\_\_  
(Mailing)

\_\_\_\_\_  
(Street, if different)

Telephone and Fax Number:

\_\_\_\_\_  
(Print or type numbers)

\* If Bid is a joint venture, add additional Bid Form signature sheets for each member of the joint venture.

\*\* Bidder certifies that the only person or parties interested in this offer as principals are those named above. Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

\*\*\* City reserves the right to choose not to add any alternates to the Base Bid Price or add any one or multiple alternates to the Base Bid Price. Evaluation shall be based on "Grand Bid Total" amount.

Note: This document constitutes a government record, as defined by § 37.01 of the Texas Penal Code. Submission of a false government record is punishable as provided in § 37.10 of the Texas Penal Code.