



# CITY OF HOUSTON

**John Whitmire**

Mayor



George Bush Intercontinental ~ William P. Hobby ~ Ellington Airport

Jim Szczesniak  
Director of Aviation

May 16, 2024

**SUBJECT: Addendum No. 4**

**RE:** Invitation to Bid (ITB) Solicitation No. H93-IAHLVR-2024-021, IAH South Lighting Vault Renovation at George Bush Intercontinental Airport (IAH); Project No. 952

**To:** All Prospective Bidders:

This Addendum is being issued for the following reasons:

**I. Replace** the following document in the Project Manual Div00:

1. Document 00410B-2 through 00410B-7 – Bid Form Part B

**II. To Respond to the following questions.**

1. **Question:** The response to Question #11 from Addendum No. 3 appears to be instructing the contractor to modify the bid form to include a new Line Item for MCB-A and MCB-B. Please confirm that the contractor is to modify the Bid Form for this project. (PLEASE NOTE: MCB-A and MCB-B are major components of this project and should have a separate line item to pay for furnishing and installing these units.)

**Response:** The bid form cannot be modified by the prospective bidder; the revised bid form is attached. Two (2) line items have been added for MCB-A and MCB-B installation (Line Item 120 and 121), including the associated bus.

2. **Question:** The response to Question #2 from Addendum No. 3 instructing the contractor that pricing for Bid Item 32B is to be included with the lump sum pricing for Bid Item 24. If so, why is Bid Item 32B still included on the bid form?

**Response:** Line Item 32B has been removed, this is covered in Line Item 24. Line Item 32B was not meant to be associated with Line Item 32A, Sump Pump.

3. **Question:** Third, the question concerning the fused disconnect switches has been asked several times. The new one-line diagram has identified (7) new fused disconnect switches on this project. Line Item 83 pays for two of them (AHU -1 & AHU-2). Line Item 76 pays for three of them (Gate, East Bridge and West Bridge). The last two (ACCU-1 and ACCU-2) do not have a pay item associated with them. We either need a separate pay item for them or the quantity of another pay item will need to be increased by a count of two.

**Council Members:** Amy Peck Tarsha Jackson Abbie Kamin Carolyn Evans-Shabazz Fred Flickinger Tiffany D. Thomas Mary Nan Huffman  
Mario Castillo Joaquin Martinez Edward Pollard Martha Castex-Tatum Julian Ramirez Willie Davis Twila Carter  
Letitia Plummer Sallie Alcorn  
**Controller:** Chris Hollins

May 16, 2024

IAH South Lighting Vault Renovation at George Bush Intercontinental Airport (IAH)

Solicitation No. H93-IAHLVR-2024-021

Project No. 952

**Response:** Line Item 83B has been added for New Disconnects ACCU-1 and ACCU-2. Line Item 83 has been revised to Line Item 83A, New Disconnects for AHU-1 and AHU-2.

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 the Addendum. Addendum will be incorporated into the Agreement as applicable. It is the responsibility of the Bidder(s) to ensure that it has obtained all such letter(s). By submitting a Bid on this project, Bidder(s) shall be deemed to have received all Addenda and to have incorporated them into their Bid.

If further clarification is needed regarding this solicitation, please contact Senior Procurement Specialist, Amanda Joseph via email at [amanda.joseph@houstontx.gov](mailto:amanda.joseph@houstontx.gov).

Sincerely,

DS  
AP

DocuSigned by:

*Cathy Vander Plaats*

02232020DE90414...

Cathy Vander Plaats  
Aviation Procurement Officer  
Houston Airport System

cc: File, ITB Solicitation No. H93-IAHLVR-2024-021

Attachments:

Document 00410B-2 through 00410B-7 – Bid Form Part B

**B. BASE UNIT PRICE TABLE:**

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
1	Div 00-01	General Requirements	LS	1	____ (1)	
2	01913	General Commissioning Requirements	LS	1	____ (1)	
3	Div 02	Demo Concrete Curb	LF	208	____ (1)	
4	Div 02	Demo Concrete Column	EA	1	____ (1)	
5	Div 02	Demo Concrete Wall	SF	576	____ (1)	
6	024119	Remove 30 kVA Transformer	EA	1	____ (1)	
7	024119	Remove Louver 3x2	EA	4	____ (1)	
8	024119	Remove Louver 3x2.5	EA	4	____ (1)	
9	024119	Remove Louver 5x4.5	EA	1	____ (1)	
10	024119	Remove Louver 4x2.5	EA	1	____ (1)	
11	024119	Remove Double Door & Frame	EA	2	____ (1)	
12	024119	Remove Single Door & Frame	EA	1	____ (1)	
13	024119	Remove Air Intake Hoods	EA	3	____ (1)	
14	Div 02	Demo Concrete Wall and prepare for new Single Door Opening	EA	2	____ (1)	
15	Div 02	Remove 25, 9 kVA Transformer	EA	2	____ (1)	
16	Div 02	Remove Electric Panel	EA	6	____ (1)	
17	Div 02	Remove Surge Protection Device	EA	3	____ (1)	
18	Div 02	Remove 3-Way ATS	EA	1	____ (1)	
19	Div 02	Remove Fused Disconnect	EA	3	____ (1)	

IAH South Lighting Vault Renovation  
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PART B**

20	Div 02	Remove MPB	EA	1	____ (1)	
21	Div 02	Remove PLC Terminal	EA	1	____ (1)	
22	Div 02	Remove Genset Shelving	EA	1	____ (1)	
23	Div 02	Remove Disconnect – AHU-1,2	EA	2	____ (1)	
24	Div 02	Remove Conduit and Cables	LS	1	____ (1)	
25	Div 02	Remove Antenna	EA	1	____ (1)	
26	Div 02	Remove Manual Controls	EA	2	____ (1)	
<b>27A</b>	Div 02	Remove Cut Outs Cabinet	EA	1	____ (1)	
<b>27B</b>	Div 02	Remove Keyboard	EA	1	____ (1)	
<b>28A</b>	Div 02	Remove Generator and all Associated Equipment and Installations	EA	1	____ (1)	
<b>28B</b>	Div 02	Underground Tank Cap Pipe. <b><u>Existing underground tank is to remain. Pipe is to be capped at penetration of slab</u></b>	EA	2	____ (1)	
29	Div 02	Remove Insulation	SF	576	____ (1)	
30	024119	Remove Insulation and Roof Membrane	SF	2,500	____ (1)	
31	Div 02	Remove Light Fixtures	<b>LS</b>	2,000	____ (1)	
<b>32A</b>	Div 02	Remove Old Sump Pump	EA	2	____ (1)	
<b>32B</b>	<del>Div 02</del>	<del>Remove abandoned cables</del>	<del>LS</del>	<del>1</del>	<del>____ (1)</del>	
33	Div 02	Remove Concrete Pavement	LS	1	____ (1)	
34	Div 02	Remove Sidewalk	EA	1	____ (1)	
35	Div 02	Remove Expansion Joints Sealant and Backer Rod	LS	1	____ (1)	
36	Div 02	Remove Scuppers, Downspouts and Splash Blocks and Parapet Caps	LS	1	____ (1)	
37	Div 03	Pavement Sawcut	EA	1	____ (1)	
38	Div 03	Slab on Grade Reinforcing	EA	1	____ (1)	
39	Div 03	Generator and Switchgear Pad Reinforcing	EA	1	____ (1)	
40	Div 03	Pilasters Reinforcing				
41	031000 032000 033000 033900 042200	Concrete Pilaster Assuming 20'H, 36"x36"	EA	14	____ (1)	
42	031000 032000 033000 033900	Concrete Pad	CY	264	____ (1)	

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43	031000 032000 033000 033900	High Density Foam	LS	1	____ <sup>(1)</sup>	
44	031000 032000 033000 033900	Generator & Switchgear Pad	SF	1,255	____ <sup>(1)</sup>	
45	031000 032000 033000 033900	Concrete Stoops	SF	135	____ <sup>(1)</sup>	
46	031000 032000 033000 033900	Infill Openings with concrete where louvers were removed	SF	50	____ <sup>(1)</sup>	
47	031000 032000 033000 033900	Light Weight Concrete infill where Skylights were removed	SF	36	____ <sup>(1)</sup>	
48	042200	CMU Enclosure Wall, 20'H.	SF	2,234	____ <sup>(1)</sup>	
49	042200	CMU for Pilaster Finishing 20'H, 36"x36"	SF	2,166	____ <sup>(1)</sup>	
50		Metal Fabrication	LF	171		
51	031000 032000 033000 033900 042200	Sealing and Caulking, Inc., Joints Rework	LF	3,199	____ <sup>(1)</sup>	
52	079200	Repair Water Infiltration at Basement Level	LS	1	____ <sup>(1)</sup>	
53	Div 02	Remove Concrete Pavement	SF	2,416	____ <sup>(1)</sup>	
54	075416 076200 077100	New Build Up Insulation and Roof Membrane	SF	2,500	____ <sup>(1)</sup>	
55	075416 076200 077100	New Flashing and Roof Perimeter	LF	270	____ <sup>(1)</sup>	
56	075416 076200 077100	New Downspouts	EA	6	____ <sup>(1)</sup>	
57	081113 087100	New Double Door and Frame Galv/Steel	EA	1	____ <sup>(1)</sup>	
58	081113 087100	New Single Door and Frame Galv/Steel	EA	3	____ <sup>(1)</sup>	
59	081113 087100	Double Door Transom	SF	24	____ <sup>(1)</sup>	
60	081113 087100	Hardware Set 1	EA	1	____ <sup>(1)</sup>	
61	081113 087100	Hardware Set 2	EA	3	____ <sup>(1)</sup>	
62	081113 087100	Hardware Set 3	EA	1	____ <sup>(1)</sup>	
63	079200	Restore Finishing in Basement After Dry IN	LS	1	____ <sup>(1)</sup>	

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Bidder's Initials [ ]

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64	099123	Interior Painting and Cleaning- lower level and main floor walls	SF	3,800	____ (1)	
64.1	099113	Exterior Painting and Cleaning	SF	4,250		
65	260553	Permanent laminated engraved placards	EA	4	____ (1)	
66	260553	Label Cables	LS	1	____ (1)	
67	221429	Sump Pump for Basement	EA	2	____ (1)	
68	221429	Sump Pump piping	LS	1	____ (1)	
69	Drawings 260010 260011	Relocate Equipment	EA	4	____ (1)	
70	260526	Ground Rods	LS	1	____ (1)	
71	260913.10	Meter Enclosure	EA	1	____ (1)	
72	Div 26	New ALCMS and upgrades to 3 vaults, air traffic control tower and airfield service center ALCMS	LS	1	____ (1)	
73	260503 2660513 260519 260526 260529 260533 260536	Wiring and Distribution	LS	1	____ (1)	
74	262213	Transformer 37.5kVA 1P	EA	1	____ (1)	
75	262213	Transformer 45 kVA. 3P	EA	1	____ (1)	
76	262816	Replaced Fused Disconnect Switch	EA	3	____ (1)	
77	Div 26	Replace Runway-Light-Monitor & Rlim Sensor Interface	EA	1	____ (1)	
78	262416	New Panel 240V/120V; 1P/3W 200A-42 Breakers	EA	1	____ (1)	
79	262416	New Panel 208V/120V; 3P/4W 150A-42 Breaker	EA	1	____ (1)	
80A	262413	Outdoor switchgear SS NEMA 3R with 4 breaker 1600A/3 LSIG	EA	1	____ (1)	
80B	262413	Switchboard MSB 1600A, 480/277; 3P; 4W	EA	1	____ (1)	
81	260913	Electrical Power Monitoring and Control	LS	1	____ (1)	
82	262416	Panel HVS 600A; 480/277; 3P; 4W	EA	1	____ (1)	
83A	262816	New Disconnects for AHU-1,2	EA	2	____ (1)	
<b>83B</b>	<b>262816</b>	<b><u>New Disconnects for ACCU-1,2</u></b>	<b><u>EA</u></b>	<b><u>2</u></b>	____ (1)	
84	264313	Surge Protection Device	EA	5	____ (1)	

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85	260526	4"x24" Insulated Copper Bus Main Ground Bar on Wall	EA	1	____ (1)	
86	260526	Ground System Rework	LS	1	____ (1)	
87	Div 26	Constant Current Regulator	EA	20	____ (1)	
88	Div 26	Switchgear for Constant Current Regulators	EA	2	____ (1)	
89	263213	New Generator, 480v/277V; 3P; 4W+G; 1250 kW w/3,000 Gallon Belly Tank	EA	1	____ (1)	
90	263213	Camlock Connection Unit for Generator NEMA 4X-SS	EA	2	____ (1)	
91	262726	Receptacles	EA	16		
92 <u>A</u>	262726	WR, GFCI Receptacles	EA	7		
92 <u>B</u>	262726	Special purpose receptacles	EA	5		
93	263623	Automatic Transfer Switch 1600A/4P Isolation Bypass Type	EA	2	____ (1)	
94	264113	Lightning Protection	LS	1	____ (1)	
95 <u>A</u>	265119	Light Fixture A	EA	16	____ (1)	
95 <u>B</u>	265119	Light Fixture AE	EA	14	____ (1)	
96	265619	Exterior Wall Light Fixture Type B	EA	8	____ (1)	
97	265619	Exterior Wall Light Fixture Type C1	EA	3	____ (1)	
98	265619	Exterior Wall Light Fixture Type C2	EA	9	____ (1)	
99	265619	Exterior Wall Light Fixture Type C3	EA	4	____ (1)	
100	265619	Exterior Wall Light Fixture Type C4	EA	6	____ (1)	
101	265119	Indicated Light (Yellow Flashing Beacon)	EA	1	____ (1)	
102	265213	Exit Light	EA	4	____ (1)	
103	265119	Timeclock with relays	EA	1	____ (1)	
104	265119	Switch with LED	EA	9	____ (1)	
105	Div 26	Testing, Pre-commissioning, Commissioning	LS	1		
106	260553	Identification for Electrical Systems	LS	1		
107	260573	Short Circuit Studies, Coordination Studies, Arc-Flash Hazard Analysis and Labeling	LS	1		
108	270526 270528 270543 271500	Data & Communication Rework	LS	1	____ (1)	
109	270526 270528 270543 271500	Replace Wire Cage	EA	1	____ (1)	

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Bidder's Initials [ ]

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110	281300	Card Reader	EA	3	____ (1)	
111	281300	Mag Locks	EA	7	____ (1)	
112	281300	Push Button	EA	5	____ (1)	
113	282300	Security Cameras	EA	8	____ (1)	
114	<b><u>284621.11</u></b>	Fire Alarm Devices	LS	21	____ (1)	
115	<b><u>284621.11</u></b>	Fire Alarm Control Panel and IAH Network Connection	LS	1	____ (1)	
116	Div00-01	Termite Control	LS	1	____ (1)	
117	260543	Underground Ductbank (8) 8" Conduit 78"x18"	LF	221	____ (1)	
118	260543	Underground Ductbank (2) 2" & 4 1-1/4" Conduits	LF	43	____ (1)	
119	00340	Procure Environmental Abatement subcontractor and abate prior to construction for remediation noted in HAS provided SOW and report	LS	1	____ (1)	
<b><u>120</u></b>	<b><u>262816</u></b>	<b><u>Install MCB-A and associated bus</u></b>	<b><u>LS</u></b>	<b><u>1</u></b>	____ (1)	
<b><u>121</u></b>	<b><u>262816</u></b>	<b><u>Install MCB-B and associated bus</u></b>	<b><u>LS</u></b>	<b><u>1</u></b>	____ (1)	