



# CITY OF HOUSTON

**John Whitmire**

Mayor



Jim Szczesniak  
Director of Aviation

Houston Airports  
Supply Chain Management  
Post Office Box 60106  
Houston, Texas 77205-0106  
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June 27, 2024

**SUBJECT: Addendum No. 5**

**REFERENCE:** Invitation To Bid (ITB) for Rehabilitation of Taxiways SA & SB at IAH; Solicitation No. HJA-TXSASB-2024-020; Project No. 0646A

To: All Prospective Bidders:

This Addendum is being issued for the following reason(s):

- I. **Replace** Document 00410 **with Revised Document 00410 – Bid Form.**
- II. **Replace** Drawing General Section G01.04 **with Revised Drawing General Section G01.04.**
- III. **Respond** to questions.

1. **Question:** It seems that some of the items in the bid alternate are included in the base bid as well. I am attaching the screen shots of the bid form items in question. It looks like these items were not deleted from the original bid last year and were carried over into this bid without being revised to account for the bid alternate 1. The items below are a sample of the most obvious ones but there are also light fixtures that are accounted for in both the base bid and bid alternate 1.

**Response:** See revised Document 00410-Bid Form attached.

2. **Question:** Last month USEPA published their final rule that designates PFAS as a hazardous substance under CERCLA. This rule goes into effect on July 8, 2024. On February 2024, USEPA proposed listing PFAS as hazardous under RCRA for waste disposal. USEPA identified airports as potential hotspots for PFAS contamination resulting from the use of firefighting foam. The plans note under General Contract Safety, item 41 that all unsuitable material and excess earthwork excavation shall be disposed off-site by the contractor

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

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following all federal, state, and local regulations. Disposing waste soil off airport property subjects the contractor to CERCLA liability and PFAS related civil suits. Will the airport consider identifying a location on airport property to stockpile this waste, so it does not require off-site disposal by the contractor or pay for disposing this material at a hazardous waste disposal facility if PFAS is detected in soil tests performed by the contractor?

**Response:** There are currently no known PFAS issues within the construction area, but this can be monitored as construction progresses.

3. **Question:** FAA approved PFAS free foams for use in aviation firefighting in October 2023. Any prior PFAS spill, use in incident response or training contained PFAS. PFAS does not degrade but accumulates in soil over time. Disposing waste soil off airport property subjects both the owner and contractor to CERCLA liability and PFAS related civil suits. Will the airport consider identifying a location on airport property to stockpile this waste, so it does not require off-site disposal if PFAS is detected in soil tests performed by the contractor? We believe the quantity of spoils to be limited on the project.

**Response:** Please refer to the response provided in Question #2.

4. **Question:**

1. Where is the cost for Initial markings on this project? Everywhere there is new asphalt we should have an initial coat prior to the full application of markings with reflective media.
2. Is the removal of existing markings total SF accurate to all the Hold Positions and CL sections to be removed?
3. Can you please describe what you are needing for Surface preparation of all markings?
4. Are the temporary markings just referring to the marking installation prior to each phase that we are needing to install?

**Response:**

1. Phase durations should be sufficient in length to provide cure time for asphalt prior to painting.
2. See revised Document 00410-Bid Form attached.
3. Refer to Specification P-620-3.3.
4. Refer to Drawing Sheets G03.01 through G03.10, masking markings and temp centerline etc.

5. **Question:** I would like to request the approval of Silspec® Flexpatch for PCC Partial Depth Repairs as described in C.03.03 and for use as the Elastomeric Concrete as described on page E04.07 and E04.10. Flexpatch meets the FAA P-501-2.11 b specification in the AC 150/5370-10H. We also meet the requirements of the BABA part of the IIJA. I've attached a formal letter requesting approval that shows where our product has been used for these type repairs and a technical data sheet.

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**Response:** This type of request can be made during construction when they are submitting materials for approval.

6. **Question:** I have you as the point of contact for the Rehabilitation of Taxiways SA & SB. I have a question regarding the DBE Certification and LOI form. If the subcontractors are DBE Certified with NCTRCA, is that a valid DBE Certification for this bid?

**Response:** Contractor's must be certified and listed in the Texas Unified Certification Program Directory. If they are not listed with the City of Houston or TUCP Directory, the city will not honor that certification.

7. **Question:** On the civil SWPPP plans there are numerous rock berms. All the rock berms are measuring the same; 74 LF. I am concerned that the symbol for the rock berms is not to scale. The details do not call out the length of the rock berms. Can someone please clarify?

**Response:** The "FD TYPE II" symbol shown on the SWPPP Plans was intended to just be a symbol representing placement of a Filter Dam Type II. In the legend, this symbol references Detail 3, Sheet C09.13 that depicts how the filter dam should be placed. The length of the filter dam should span from toe-to-toe of the channel.

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@houstontx.gov](mailto:jorge.ardines@houstontx.gov).

DS  


DocuSigned by:

*Cathy Vander Plaats*

02232028DE99414...

Cathy Vander Plaats  
Aviation Procurement Officer  
Houston Airport System

cc: Al Oracion  
Solicitation File

Attachments:

Revised Document 00410 Bid Form  
Revised Drawing General Section G01.04

## REVISED – ADDENDUM 5

Rehabilitation of Taxiways SA & SB  
PN 0646A

**BID FORM  
PART A**

Document 00410A

BID FORM – PART A

To: **The Honorable Mayor and City Council of the City of Houston  
City Hall Annex  
900 Bagby Street  
Houston, Texas 77002**

Project: Rehabilitation of Taxiways SA & SB

Project No.: PN 0646A

Bidder: \_\_\_\_\_

(Print or type full name of business entity, such as corporation, LLC, etc)

### 1.0 OFFER

- A. Total Bid Price:** Having examined the Project location and all matters referred to in Bid Documents for the Project, we, the undersigned, offer to enter into a Contract to perform the Work for the Total Bid Price shown on the signature page of this Document
- B. Security Deposit:** Included with the Bid is a Security Deposit in the amount of 10 percent of the Total Bid Price subject to terms described in Document 00200 – Instructions to Bidders.
- C. Period for Bid Acceptance:** This offer is open to acceptance and is irrevocable for 180 days from Bid Date. That period may be extended by mutual written agreement of the City and Bidder.
- D. Addenda:** All Addenda have been received. Modifications to Bid Documents have been considered and all related costs are included in the Total Bid Price.
- E. Bid Supplements:** The following documents are attached:
- Security Deposit (*as defined in Document 00200 – Instructions to Bidders*)
  - Document 00450 - Bidder's Statement of MWSBE Status
  - Document 00454 - Affidavit of Non-interest
  - Document 00455 - Ownership Information Form
  - Document 00456 - Bidder's Certificate of Compliance with Buy American Program (*required for AIP funded project*)
  - Document 00457 – Conflicts of Interest Questionnaire (CIQ)
  - Document 00458 - Bidder's Certificate Regarding Foreign Trade Restriction (*required for AIP funded project*)
  - Document 00459 - Contractor's Statement Regarding Previous Contracts Subject to EEO (*required for AIP funded project*)
  - Document 00460 – Pay or Play Acknowledgement Form (POP 1-A)
  - Document 00461 – Hire Houston First Affidavit
  - Document 00470 – Bidder's MWSBE Participation Plan (*required unless no MWSBE participation goal is provided in Document 00800 (the "Goal")*).

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**BID FORM  
PART A**

- Document 00470D - Bidder's DBE Participation Plan *(required for AIP funded project)*
- Document 00471 – Bidder's Record of Good Faith Efforts *(required if the goal in Bidder's Participation Plan–Document 00470 is lower than the Goal).*
- Document 00472 – Bidder's Goal Deviation Request *(required if the goal in Bidder's Participation Plan–Document 00470 is lower than the Goal).*
- Document 00480 – Form SCM-1 Reference Verification
- Document 00481 – Non-Collusion Statement
- Document 00600 – List of Proposed Subcontractors and Suppliers
- Others as listed: \_\_\_\_\_  
\_\_\_\_\_

**2.0 CONTRACT TIME**

- A.** If offer is accepted, Contractor shall achieve Date of Substantial Completion within 298 days after Date of Commencement of the Work, subject to adjustments of Contract Time as provided in the Contract.

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**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.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
1	01555-1.04A	Traffic Control and Regulation, Excluding Flagmen	LS	1		
2	01555-1.04B	Flagmen	LS	1		
3	SS-130-4.1	Trench and Excavation Safety Systems	LF	85		
4	SS-300-5.1	Lockout/Tagout and Constant Current Regulator Calibration Procedures	LS	1		
5	SS-300-5.2	Removal/Repair of Broken Bolt, in Place	EA	235		
6	SS-300-5.3	Retrofit Ground Lug to Existing Can, Installed	EA	235		
7	SS-301-5.1	Existing Base Mounted Edge Light, Removed	EA	495		
8	SS-301-5.2	Existing In-Pavement Centerline Light, Removed	EA	456		
9	SS-301-5.3	Existing Base Mounted Guidance Sign, Removed	EA	28		
10	SS-301-5.4	Existing Base Mounted Edge Light, Removed, Base Top Section, Removed	EA	50		
11	SS-301-5.5	Existing In-Pavement Centerline Light, Removed, Base Top Section, Removed	EA	754		
12	SS-301-5.6	Existing L-852G Runway Guard Light, Relocated on New Base	EA	5		
13	SS-301-5.7	Abandoned Sign Foundation, Demolished	EA	2		
14	SS-301-5.8	Existing Electrical Conduit, 1-Way 2"C, Cleared	LF	10,000		

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15	SS-301-5.9	Existing Electrical Conduit, 1-Way 4"C, Cleared	LF	10,000		
16	SS-310-5.1	Temporary Airfield Lighting (Base Bid)	LS	1		
17	SS-310-5.2	Mobile Photometric Testing	LS	1		
18	SS-310-5.4	Spare L-861T(L) Taxiway Edge Light, Delivered to Airport	EA	54		
19	SS-310-5.5	Spare L-852C(L), Green/Green Lens, Taxiway Centerline Light, Delivered to Airport	EA	54		
20	SS-310-5.6	Spare L-852C(L), Yellow/Obscured Lens, Taxiway Centerline Light, Delivered to Airport	EA	12		
21	SS-310-5.7	Spare L-852D(L) Green/Green Lens Taxiway Centerline Light, Delivered to Airport	EA	65		
22	SS-310-5.8	Spare L-852D(L) Green/Yellow Lens Taxiway Centerline Light, Delivered to Airport	EA	1		
23	SS-310-5.9	Spare L-852D(L) Yellow/Yellow Lens Taxiway Centerline Light, Delivered to Airport	EA	10		
24	SS-310-5.10	Spare L-852G(L) Runway Guard Light, Delivered to Airport	EA	13		
25	SS-310-5.11	Spare L-858(L) Sign Components Package, Delivered to Airport	EA	3		
26	C-100-14.1	Contractor Quality Control Program (CQCP)	LS	1		
27	C-102-5.1a	Filter Dam Type II	LF	70		
28	C-102-5.1b	Reinforced Silt Fence	LF	25,320		
29	C-105-6.1	Mobilization	LS	1		
30	P-101-5.1	Asphalt Milling (1" and Variable Depth)	SY	63,730		
31	P-101-5.2	Asphalt Milling (2" and Variable Depth)	SY	204,600		
32	P-101-5.3	Asphalt Milling (5" and Variable Depth)	SY	45,370		
33	P-101-5.5	Concrete Pavement Removal (12"-15" Depth)	SY	550		
34	P-101-5.6	Remove and Dispose 24" CMP	LF	660		
35	P-101-5.7	Concrete Slope Paving Removal and Disposal	SY	9,680		
36	P-101-5.8	Concrete Headwall Removal	EA	10		

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37	P-101-5.9	Asphalt Crack Repair	LF	140,000		
38	P-152-4.1	Unclassified Excavation	CY	72,240		
39	P-209-5.1	6" Crushed Aggregate Base Course	SY	2,880		
40	P-209-5.2	15" Crushed Aggregate Base Course	SY	76,570		
41	P-209-5.3	Aggregate Base Course (Slope Stabilization)	CY	1,410		
42	P-209-5.4	Separation Geotextile (Slope Stabilization)	SY	16,910		
43	P-209-5.5	Geogrid (Slope Stabilization)	SY	2,750		
44	P-307-7.1	6" Cement Treated Permeable Base	CY	320		
45	P-401-8.1	Bituminous Surface Course (PG 76-22)	TON	46,530		
46	P-403-8.1	Bituminous Base Course (PG 76-22)	TON	42,570		
47	P-501-8.1	10" Portland Cement Concrete Pavement	SY	390		
48	P-501-8.2	12"-15" Portland Cement Concrete Pavement	SY	530		
49	P-501-8.4	Concrete Pavement Partial Depth Repair	SF	2,000		
50	P-501-8.5	Concrete Pavement Crack Repair	LF	3,000		
51	P-610-6.1	Concrete Slope Paving	SY	15,650		
52	P-610-6.2	Modify Curb Opening	EA	65		
53	P-610-6.3	Concrete Pilot Channel	SY	12,070		
54	P-610-6.4	Interceptor Structure	SY	310		
55	P-620-5.1a	Taxiway Pavement Marking with Reflective Beads (Yellow)	SF	86,210		
56	P-620-5.1b	Taxiway Pavement Marking with Reflective Beads (Black)	SF	111,220		
57	P-620-5.1c	Thermoplastic Surface Painted Runway Direction Signs	EA	14		
58	P-620-5.1d	Thermoplastic Surface Painted Apron Control Marking Signs	EA	2		
59	P-620-5.1e	Surface Preparation	SF	197,430		
60	P-620-5.1f	Temporary Taxiway Pavement Markings (Yellow)	SF	14,200		



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61	P-620-5.1g	Temporary Taxiway Pavement Markings (Black)	SF	24,400		
62	P-620-5.1h	Temporary Taxiway Pavement Markings Removal	SF	4,700		
63	P-620-5.1i	Removal of Existing Pavement Marking	SF	36,320		
64	D-701-5.1	Install 6'x5' RCB (Class V) Open Cut, Complete in Place	LF	70		
65	D-701-5.2	Install 7'x5' RCB (Class V) Open Cut, Complete in Place	LF	70		
66	D-701-5.3	Install 8'x4' RCB (Class V) Open Cut, Complete in Place	LF	160		
67	D-701-5.4	Install 10'x7' RCB (Class V) Open Cut, Complete in Place	LF	30		
68	D-701-5.5	Install 24" CMP Open Cut, Complete in Place	LF	2,280		
69	D-752-5.1	Install Wingwall, Complete in Place	CY	1,190		
70	T-901-5.1	Hydroseeding	AC	25.0		
71	T-904-5.1	Sodding	SY	46,570		
72	L-108-5.1	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Trench, Duct Bank or Conduit	LF	177,400		
73	L-108-5.2	No. 6 AWG, Solid, Bare Copper Counterpoise Wire, Installed in Trench, Above the Duct Bank or Conduit, Including Connections/Terminations	LF	300		
74	L-110-5.2	Non-Encased Electrical Conduit, 1W-2"C	LF	150		
75	L-115-5.1	Existing Electrical Junction Structure/Manhole Adjusted to New Grade	EA	64		
76	L-115-5.3	L-868 Blank Cover with Spacers, Installed	EA	5		
77	L-125-5.1	L-852C/D(L) Taxiway Centerline Light, Installed on Adjusted Light Base	EA	754		
78	L-125-5.2	L-852C/D(L) Taxiway Centerline Light, Installed on Existing Light Base	EA	442		
79	L-125-5.3	L-861T(L) Base Mounted Taxiway Edge Light, Installed on Adjusted Light Base	EA	407		
80	L-125-5.4	L-861T(L) Base Mounted Taxiway Edge Light, Installed on Existing Light Base	EA	88		

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81	L-125-5.5	L-858(L) Base Mounted Guidance Sign, Installed	EA	28		
82	L-125-5.6	L-852C/D(L) Taxiway Centerline Light, Installed on New Light Base	EA	38		
83	L-125-5.11	Update Sign Legend	EA	1		
84	02378-4.1	Riprap Gradation No. 1, including Topsoil	TON	240		
<b><u>TOTAL BASE UNIT PRICES</u></b>						\$ _____

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

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**BID FORM**  
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**D. CASH ALLOWANCE TABLE:**

<b>Item No.</b>	<b>Spec Ref.</b>	<b>Cash Allowance Short Title</b>	<b>Cash Allowance in figures (1)</b>
	01210	Cash Allowance Item 1 – Building Permit, Additional Flaggers, Barricades, Site Conditions and specific safety conditions improvements	\$600,000
	01210	Cash Allowance Item 2 – Clean Air Incentive	\$200,000
	01210	Cash Allowance Item 3 – Duct Bank and Telecommunication Cable Relocation	\$200,000
<b><u>TOTAL CASH ALLOWANCES</u></b>			\$1,000,000

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

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**E. ALTERNATES TABLE:****Additive Alternate 1 (High Speed Taxiway PCC Pavement Construction)**

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
1	SS-305-5.1	Directional Boring, 16-Way 2"C Polyethylene Conduits	LF	1,300		
2	SS-310-5.3	Temporary Airfield Lighting (Additive Alternate 1)	LS	1		
3	P-152-4.1	Unclassified Excavation	CY	7,470		
4	P-101-5.1	Asphalt Milling (1" and Variable Depth)	SY	(3,410)		
5	P-101-5.4	Full-Depth Asphalt Shoulder Removal	SY	4,700		
6	P-209-5.1	6" Crushed Aggregate Base Course	SY	12,410		
7	P-209-5.2	15" Crushed Aggregate Base Course	SY	2,200		
8	P-304-8.1	6" Cement-Treated Base Course	SY	12,050		
9	P-403-8.1	Bituminous Base Course (PG 76-22)	TON	410		
10	P-501-8.3	18" Portland Cement Concrete Pavement	SY	10,560		
11	P-620-5.1a	Taxiway Pavement Marking with Reflective Beads (Yellow)	SF	1,690		
12	P-620-5.1b	Taxiway Pavement Marking with Reflective Beads (Black)	SF	2,180		
13	P-620-5.1c	Thermoplastic Surface Painted Runway Direction Signs	EA	4		
14	T-901-5.1	Hydroseeding	AC	(1.0)		
15	T-904-5.1	Sodding	SY	200		
16	L-108-5.1	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Trench, Duct Bank or Conduit	LF	25,000		
17	L-108-5.2	No. 6 AWG, Solid, Bare Copper Counterpoise Wire, Installed in Trench, Above the Duct Bank or Conduit, Including Connections/Terminations	LF	16,300		

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18	L-110-5.1	Flowable Fill Encased Electrical Conduit, 1W-2"C	LF	1,700		
19	L-110-5.3	Concrete Encased Electrical Conduit, 1W-2"C	LF	1,100		
20	L-110-5.4	Concrete Encased Electrical Conduit, 1W-2"C with Saw Kerf Pavement Repair	LF	525		
21	L-110-5.5	Non-Encased Electrical Duct Bank, 16W-2"C	LF	320		
22	L-110-5.6	Non-Encased Electrical Duct Bank, 2W-2"C	LF	160		
23	L-110-5.7	Flowable Flll Encased Electrical Duct Bank, 2W-2"C	LF	200		
24	L-115-5.2	4'x4'x4' Aircraft-Rated Handhole, Installed	EA	3		
25	L-125-5.3	L-861T(L) Base Mounted Taxiway Edge Light, Installed on Adjusted Light Base	EA	(23)		
26	L-125-5.4	L-861T(L) Base Mounted Taxiway Edge Light, Installed on Existing Light Base	EA	(8)		
27	L-125-5.5	L-858(L) Base Mounted Guidance Sign, Installed	EA	2		
28	L-125-5.6	L-852C/D(L) Taxiway Centerline Light, Installed on New Light Base	EA	28		
29	L-125-5.7	L-852G(L) In-Pavement Runway Guard Light, Installed	EA	62		
30	L-125-5.8	L-861T(L) Base Mounted Taxiway Edge Light, Installed on New Base in Existing Pavement	EA	18		
31	L-125-5.9	L-861T(L) Base Mounted Taxiway Edge Light, Installed on New Base in New Pavement	EA	22		
32	L-125-5.10	L-852C/D(L) Taxiway Centerline Light, Installed on New Base in Existing Pavement	EA	18		
33	L-125-5.12	L-852C/D(L) Taxiway Centerline Light, Installed on New Base in Existing Pavement with Mill and Overlay	EA	18		
<b>TOTAL ADDITIVE ALTERNATE 1 UNIT PRICES</b>						\$ _____

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PART B**

**Additive Alternate 2 (Substituting PG 76-22 with 82-22 in high dynamic areas)**

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
1	P-401-8.1	Bituminous Surface Course (PG 76-22)	TON	(9,727)		
2	P-401-8.2	Bituminous Surface Course (PG 82-22)	TON	9,727		
3	P-403-8.1	Bituminous Base Course (PG 76-22)	TON	(4,067)		
4	P-403-8.2	Bituminous Base Course (PG 82-22)	TON	4,067		
<b>TOTAL ADDITIVE ALTERNATE 2 UNIT PRICES</b>						\$ _____

**Additive Alternate 3 (Miscellaneous Pavement Repair)**

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
1	01555-1.04A	Traffic Control and Regulation, Excluding Flagmen	LS	1		
2	01555-1.04B	Flagmen	LS	1		
3	SS-300-5.1	Lockout/Tagout and Constant Current Regulator Calibration Procedures	LS	1		
4	C-100-14.1	Contractor Quality Control Program (CQCP)	LS	1		
5	C-105-6.1	Mobilization	LS	1		
6	P-101-5.2	Asphalt Milling (2" and Variable Depth)	SY	565		
7	P-101-5.10	Concrete Pavement Removal (14"-20" Depth)	SY	445		
8	P-401-8.1	Bituminous Surface Course (PG 76-22)	TON	145		
9	P-501-8.4	Concrete Pavement Partial Depth Repair	SF	500		
10	P-501-8.5	Concrete Pavement Crack Repair	LF	500		
11	P-501-8.6	Concrete Pavement Crack Repair (Epoxy Injection)	LF	400		
12	P-501-8.7	14"-20" Portland Cement Concrete Pavement	SY	445		

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**PART B**

13	P-501-8.8	Concrete Joint Seal Repair	LF	5,000		
14	P-620-5.1a	Taxiway Pavement Marking with Reflective Beads (Yellow)	SF	2,000		
15	P-620-5.1b	Taxiway Pavement Marking with Reflective Beads (Black)	SF	2,000		
16	P-620-5.1f	Temporary Taxiway Pavement Markings (Yellow)	SF	2,115		
17	P-620-5.1g	Temporary Taxiway Pavement Markings (Black)	SF	2,115		
18	P-620-5.1h	Temporary Taxiway Pavement Markings Removal	SF	4,230		
19	SS-310-5.3	Temporary Airfield Lighting (Additive Alternate 3)	LS	1		
<b>TOTAL ADDITIVE ALTERNATE 3 UNIT PRICES</b>						\$ _____

**Additive Alternate 4 (Ditch G FAA Duct Bank Relocation)**

<b>Item No.</b>	<b>Spec Ref.</b>	<b>Base Unit Short Title</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>	<b>Unit Price (this column controls)</b>	<b>Total in figures</b>
1	01555-1.04A	Traffic Control and Regulation, Excluding Flagmen	LS	1		
2	01555-1.04B	Flagmen	LS	1		
3	SS-301-5.10	Existing Concrete Encased Electrical Duct Bank, 4-Way 4"C, Cleared	LF	60		
4	SS-301-5.11	Existing Concrete Encased Duct Bank, 4-Way 4"C, Demolished	LF	60		
5	C-100-14.1	Contractor Quality Control Program (CQCP)	LS	1		
6	C-102-5.1a	Filter Dam Type II	LF	10		
7	P-101-5.11	Remove and Dispose 24" RCP	LF	20		
8	P-152-4.1	Unclassified Excavation	CY	66		
9	P-610-6.5	4" Seal Slab	CY	20		
10	P-610-6.6	Concrete Channel Lining	CY	48		

00410B-11  
02-12-2020

Bidder's Initials [                      ]



**REVISED – ADDENDUM 5**

*Rehabilitation of Taxiways SA & SB*  
 PN 0646A

**BID FORM**  
**PART B**

11	D-701-5.6	Install 24" RCP (Class V) Open Cut, Complete in Place	LF	20		
12	T-904-5.1	Sodding	SY	200		
13	L-110-5.8	FAA Style, Concrete Encased Electrical Duct Bank, 4Way-4"C	LF	370		
14	02378-4.1	Riprap Gradation No. 1 incl Topsoil	TON	15		
<b>TOTAL ADDITIVE ALTERNATE 4 UNIT PRICES</b>						\$ _____

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REVISED – ADDENDUM 5

Rehabilitation of Taxiways SA & SB  
PN 0646A

BID FORM  
PART B

- F1. TOTAL BASE BID PRICE:** \$ \_\_\_\_\_  
(Add Totals for Stipulated Price, Base Unit Price, Extra Unit Price, and Cash Allowance)
- F2. TOTAL ADDITIVE ALTERNATE #1 BID PRICE:** \$ \_\_\_\_\_
- F3. TOTAL ADDITIVE ALTERNATE #2 BID PRICE:** \$ \_\_\_\_\_
- F4. TOTAL ADDITIVE ALTERNATE #3 BID PRICE:** \$ \_\_\_\_\_
- F5. TOTAL ADDITIVE ALTERNATE #4 BID PRICE:** \$ \_\_\_\_\_
- \*\*\* F6. GRAND BID TOTAL (F1+F2+F3+F4+F5):** \$ \_\_\_\_\_

**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.

BASE BID

Table with 5 columns: ITEM NO., SPEC. NO., DESCRIPTION, UNIT, ESTIMATED QUANTITY. Contains 46 rows of construction items for the base bid.

BASE BID (CONT'D)

Table with 5 columns: ITEM NO., SPEC. NO., DESCRIPTION, UNIT, ESTIMATED QUANTITY. Contains 40 rows of construction items for the base bid continuation.

ADDITIVE ALTERNATE #1

Table with 5 columns: ITEM NO., SPEC. NO., DESCRIPTION, UNIT, ESTIMATED QUANTITY. Contains 34 rows of construction items for Additive Alternate #1.

ADDITIVE ALTERNATE #2

Table with 5 columns: ITEM NO., SPEC. NO., DESCRIPTION, UNIT, ESTIMATED QUANTITY. Contains 4 rows of construction items for Additive Alternate #2.

ADDITIVE ALTERNATE #3

Table with 5 columns: ITEM NO., SPEC. NO., DESCRIPTION, UNIT, ESTIMATED QUANTITY. Contains 19 rows of construction items for Additive Alternate #3.

ADDITIVE ALTERNATE #4

Table with 5 columns: ITEM NO., SPEC. NO., DESCRIPTION, UNIT, ESTIMATED QUANTITY. Contains 14 rows of construction items for Additive Alternate #4.



REVISIONS

Table with 3 columns: NO., DESCRIPTION, DATE BY. Contains 2 revision entries.

GEORGE BUSH INTERCONTINENTAL AIRPORT REHABILITATION OF TAXIWAYS SA & SB SUMMARY OF QUANTITIES

Table with 2 columns: FIELD, VALUE. Contains project management information like PROJECT MGR, DESIGNER, etc.



APPROVED BY: JEF

DIRECTOR HOUSTON AIRPORT SYSTEM

Table with 2 columns: FIELD, VALUE. Contains project identification information like PROJECT NO., A.I.P. NO., etc.

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