



CITY OF HOUSTON

John Whitmire

Mayor



George Bush Intercontinental ~ William P. Hobby ~ Ellington Airport

Jim Szczesniak
Director of Aviation

April 26, 2024

SUBJECT: Addendum No. 2

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. To Respond to the following questions.

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

Response: The estimated budget is \$6,375,000.00.

2. **Question:** Where is the meter replacement location?

Response: The existing Centerpoint Energy meter will remain on the south wall of the building for Centerpoint energy meter reading. The new switchboard meters will connect to the Houston Airport System (HAS) Building Management System (BMS) in the building remote information to HAS.

3. **Question:** Bid item 84 "Surge Protection Device has a quantity of 5 each however on the Surge Protection Device Schedule on sheet SV-E6.01 there are 6 ea. Please verify bid item quantity for bid item 84.

Response: A quantity of six (6) are required as per SV-E6.01.

4. **Question:** For bid item 76, Replaced Fused Disconnect Switch, please provide existing size to be replaced.

Response: The SV-E6.01 indicates 3P-60/F60 NEMA 4XSS for ACCU-1 and ACCU-2, 3P-30/F30 for AHU-1,2, 3P-200/F200 NEMA4XSS for West Bridge, 3P-100/F10 NEMA 4XSS for East Bridge and 3P-60/F60 NEMA 4XSS for Gate. The gate is the gate East of the building. The bridges are the two (2) bridges West of the building that cross Will Clayton Blvd to connect the Runway 9-27 taxiways to the taxiways for the passenger terminal area.

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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5. **Question:** For bid Item 76, Replaced Fused Disconnect Switch, please clarify where these tie into on the new one line.

Response: The SV-E6.01 indicates 3P-60/F60 NEMA 4XSS for ACCU-1 and ACCU-2, 3P-30/F30 for AHU-1,2, 3P-200/F200 NEMA4XSS for West Bridge, 3P-100/F10 NEMA 4XSS for East Bridge and 3P-60/F60 NEMA 4XSS for Gate. The gate is the gate East of the building. The bridges are the two (2) bridges West of the building that cross Will Clayton Blvd to connect the Runway 9-27 taxiways to the taxiways for the passenger terminal area.

6. **Question:** To allow for feedback from vendors can IAH extend the RFI deadline by 1 week?

Response: The question deadline has been extended until Monday, April 29, 2024, no later than 10:00 a.m.

7. **Question:** Reference Drawing SV-G0.02, 'Scope of Work': Item #3 under the North Vault section, it instructs the contractor to retrofit the existing CCR's with new door mounted ACE 3 units or replace (64) existing thyristor type CCR's. There is a huge difference in cost between retrofitting a CCR with new ACE 3 units and providing new CCR's. The contractor needs to know whether the existing CCR's can be modified or require replacement before this project bids.

Response: The existing Constant Current Regulators (CCRs) will not be modified. Follow specification section 26 56 50. The replacement Airfield Lighting Control and Monitoring System (ALCMS) will utilize the existing DCMUs within the CCRs for the North and West Vaults. Provide two (2) mobile laptop computers at the Airfield Service Center (ASC) for use on the airfield.

8. **Question:** Instructions on Drawing SV-G0.02 'Scope of Work', North Vault Item 3 and West Vault Item 3 conflict with instructions in Specification Section 26 56 50 1.3A concerning the replacement of the DCMU's with ACE 3 modules. Please clarify what the contractor is to do with the existing CCR control and monitoring units in the North & West Vaults?

Response: Please refer to the response provided in Question #7.

9. **Question:** Is the Owner's/Engineer's travel costs for witnessing the ALCMS FAT to be paid by the Owner/Engineer or included with the contractor's cost?

Response: This is the Contractor's cost.

10. **Question:** Please confirm that the fiber optic cabling shown interconnecting all of the ALCMS nodes on Drawing SV-E7.01 is existing and will not be replaced by the contractor?

Response: The existing fiber optic cabling is to remain. New terminations from new equipment to existing terminations will be required.

11. **Question:** Where can we place our dumpster?

Response: The project has space on the east side of the building.

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12. **Question:** Where can we place our office/trailer?

Response: A project office is not required.

13. **Question:** Where can we store materials?

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

14. **Question:** Who is your preferred / Required Fire Alarm Contractor?

Response: We do not have a preferred or required fire alarm contractor.

15. **Question:** Who is your preferred / Required Fire Sprinklers Contractor?

Response: We do not have a preferred or required fire sprinkler contractor. The South Vault does not have fire suppression, only fire detection.

16. **Question:** Will this project require a dry fire suppression system?

Response: No, this project will not require a dry fire suppression system.

17. **Question:** Who is your preferred / Required Electronic Security Contractor?

Response: We do not have a preferred or required electronic security contractor.

18. **Question:** What is the estimated price for this project?

Response: Please refer to the response provided in Question #1.

19. **Question:** What is the scope for the storm water system? Is there any scope required? Will we be running water to the existing retention pond shown on C.600?

Response: Sheet C.600 is included only for reference and informational purposes. No additional detention is required.

20. **Question:** Do you have X-rays of existing area, or will we need to do our own X-ray scans?

Response: X-rays of the existing area are not available and shall be provided by the Contractor.

21. **Question:** Is there a list of pre-badged AOA approved contractors?

Response: We do not have a list of pre-badged for AOA approved contractors.

22. **Question:** Are there any bomb proofing requirements for the doors or concrete of the project?

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Response: The new doors and walls are to meet the UL752 Level 4 bullet resistance criteria as required by FAA. See specification 08 11 13-5, 1.4,G.

23. **Question:** Will HAS personnel be escorting ALCMS manufacturer's technician at the Airport Traffic Control Tower (ATCT) for installation of the new equipment? PLEASE NOTE: During a recently completed project requiring upgrades to the ATCT ALCMS, the contractor was not allowed to escort the manufacturer's representative due to them being a non-US Citizen.

Response: Contact the IAH Airfield Electrical and Maintenance dispatch to coordinate access. The number is listed on page 10 of the South Airfield Lighting Vault Repair and Rehabilitation Project Construction Safety and Phasing Plan (CSPP).

24. **Question:** There is currently an outdoor stand-by power generator connected to the vault. What is the contractor's scope of work involving this unit?

Response: The outdoor stand-by generator is a rental currently being rented by HAS. The generator will be removed by HAS after all loads have been transferred to the new electrical generator system.

25. **Question:** What provisions are provided for temporary regulators for phasing the installation of the replacement regulators?

Response: The first phase of new regulators will be installed in the East regulator area. Regulators in the West area will be provided with shipping splits and installed in phases. Existing raceways and wire located above regulators will be relocated where required to install new regulators. Existing outgoing circuits will be temporarily relocated to existing regulators. Regulators will be temporarily relocated to facilitate the installation of the new regulators in phases. 100A breakers are provided in panel High Voltage System (HVS) to facilitate temporary power to existing or temporarily relocated regulators. These 100A breakers become spare breakers in the final installation.

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.

Sincerely,

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DocuSigned by:
Cathy Vander Plaats
02232028DE90414

Cathy Vander Plaats
Aviation Procurement Officer
Houston Airport System

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