



CITY OF HOUSTON

Sylvester Turner

Mayor



HOUSTON AIRPORT SYSTEM

George Bush Intercontinental ~ William P. Hobby ~ Ellington Airport

Mario C. Diaz
Director of Aviation

February 8, 2021

SUBJECT: Addendum No. 1

REFERENCE: Invitation To Bid (ITB) for IAH Bridge Bearings Repairs at Terminal C Garage; Solicitation No. HJA-IBRTCG-2021-012; Project No. 235

To: All Prospective Bidders:

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

I. To Respond to Questions

1. **Question:** Plans and Spec's state there is a 34% DBE Goal. a) The major work involved in this project is considered specialty work. Will the DBE Goal be reduced to account for this?

Response: Contractor must submit Good Faith Effort forms 0471 & 0472 if unable to meet the M/WBE goal.

2. **Question:** Clean & Coat Corroded Floor Drains. a) There were four (4) floor drains on each level. Are we to assume that all four (4) drains will need to be cleaned and coated?

Response: Yes.

3. **Question:** Clean & Coat Corroded Floor Drains. b) There was one drain with several broken sections. Will the city be providing replacement units or will installing new pieces be handled under a change order?

Response: The replacement of the drain is required as part of the project base bid, it will not be a change order.

4. **Question:** Structure Repairs - Precast Deck. a) The wing portions of the precast decks have a textured coating applied. If structure repairs are completed in these areas, will the textured coating need to be replaced?

Response: Yes, all surfaces within the work areas at Levels 4, 5 and 6 shall have new texture coating applied to match existing. Work area extends between expansion joints and is shown hatched on enlarged plan sheets SF204, SF205 and SF206.

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5. **Question:** Structure Repairs - Precast Deck. b) If the answer for "a" is yes, can you give us information on the current coating so it can be matched?

Response: Information on existing coating is not available. For bidding purposes, assume traffic coating specified in Section 071816 will be used for all horizontal surfaces.

6. **Question:** Structure Repair - Corbel. a) All corbels appear to have a white, smooth coating currently applied. Once repairs are complete will this coating need to be re-applied?

Response: Yes, consider as part of the base bid to reapply smooth white coating to match existing.

7. **Question:** Structure Heights - Shoring. a) Can the city provide As-Built Drawings showing the heights above floor level of each beam that will be shored?

Response: Please refer to 1977 Terminal C drawing sheets provided in the solicitation package.

8. **Question:** Replace concrete at existing Pour Strip. a) How will this repair be paid?

Response: Pour strip replacement shall be included in the base bid.

9. **Question:** Replace concrete at existing Pour Strip. b) Can you provide details on the pour strip (width, thickness)?

Response: It occurs at the transition between the bridge structure (which has average thickness of approximately 9") and the helix ramp (which has average thickness of 16 ½"). Pour strip area is approximately 35 square feet. Base bid on pour strip replacement equivalent to 1.7 cubic yards concrete at each location.

10. **Question:** Expansion Joint Repair. a) The plans call to install a new joint system that installs on both sides of the joint and requires both sides of the joint to be flush. How do we install this joint system in areas where one side of the joint will be approximately 2" lower than the opposite side? For instance, the garage side of the precast decks are sloped from the centerline to the edges. This slope equals a drop of approximately 2". Currently, only the horizontal section of the deck and garage both have an existing armor joint in place. The longitudinal portion of the joint only has an armor joint installed on the precast deck side, and a sealant is installed in the joint between the armor joint and concrete garage deck.

Response: Where slabs do not align, provide concrete wash to allow for installation of expansion joint. Existing concrete shall be cleaned and roughened to securely bond new concrete topping (minimum 4,000 psi).

11. **Question:** Bearing Plate Clean & Coat. a) If it is deemed that the bearing plates have corroded beyond further use, will a change order be generated to cover the cost of replacement plates?

Response: Work shall be excluded from base bid, but bidders shall provide unit cost (per plate) to replace bearing plates that are corroded beyond repair, as determined by engineer.

12. **Question:** Box Girder - Core Wall Intersection. a) Can you supply as-built drawings of the core wall?

Response: Refer to sheet S36 from original 1977 Terminal C drawing set.

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13. **Question:** Box Girder - Core Wall Intersection. b) Is the steel girder flanges being inspected just at the interface of the core wall and girder or are the girders being inspected to the bearing plates?

Response: At the core wall the steel girders and bearing plates are to be inspected per details in 3 & 4 on Sheet S501.

14. **Question:** Replace joint seal in precast panels, cove joints and floor drains. a) Can you provide details of these joints?

Response: The replacement of joint seal shall match all existing seals. Please refer to spec 079500 provided.

15. **Question:** Replace joint seal in precast panels, cove joints and floor drains. b) Can you provide details of the joint seal repair?

Response: Please refer to the response provided in Question No. 14.

16. **Question:** Sheet SF002 - Part III Repairs. a) This section mentions repairing cracks under 1/100 by using a penetrating sealer. However, detail Sheet SF503 only gives repair details for cracks sized between 3/32 - 1/4 and 1/4 -1/2. I. Will there be crack repair areas that will require the penetrating sealer?

Response: The penetrating sealer will not be required, there are no cracks to repair under 1/100. Use repair products indicated on Sheet SF503 for cracks 1/32" and greater.

17. **Question:** Sheet SF002 - Part III Repairs. a) This section mentions repairing cracks under 1/100 by using a penetrating sealer. However, detail Sheet SF503 only gives repair details for cracks sized between 3/32 - 1/4 and 1/4 -1/2. II. If the answer is yes, how much area will be repaired?

Response: Please refer to the response provided in Question No. 16.

18. **Question:** Sheet SF002 - Part III Repairs. a) This section mentions repairing cracks under 1/100 by using a penetrating sealer. However, detail Sheet SF503 only gives repair details for cracks sized between 3/32 - 1/4 and 1/4 -1/2. III. If the answer is yes, where will these repair areas be located?

Response: The answer was no. No response needed, refer to answer to question 16.

19. **Question:** Who is responsible for the lane striping and any other repainting (arrows, etc.) after the coating?

Response: Lane striping and repainting after coating will be part of the successful Contractor's scope of work for base bid. For Traffic coating replacement refer to Spec Section 071816.

20. **Question:** Are we anticipating any of the grates needing to be replaced, specifically the angled grates that straddle the curb in the circular ramp areas (please see attachment)?

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Response: The base bid proposal shall consider cleaning and coating all grates/drains within work areas at level 4, 5, and 6. It will be the Contractor's responsibility to replace if damaged during project construction. Replace one grate assembly shown damaged in the photo.

21. **Question:** In the areas where the walls are separating (corners), do you want us to address those areas, knowing that those areas will eventually separate (please see attachment)?

Response: Yes, those areas shall be treated like other wall joints with backer rod and sealant.

22. **Question:** We have noticed several drains that are clogged, and areas that are holding water. Are we responsible for clearing the drains and/or solving the drainage/ponding issues?

Response: No, water ponding and drainage work will not be part of the project scope of work.

23. **Question:** Scoring of marks where the underground sensors are. How do we address those?

Response: The contractor will not be responsible for underground concrete sensors.

24. **Question:** Is electrical going to be disconnected prior to us starting work? Is the conduit going to be removed, and are we responsible for it?

Response: The successful Contractor will be responsible for any electrical work and rerouting required due to conflict of shoring work. See photos 21-23, 27 and 31 provided.

25. **Question:** Will a bond be required of us for this work?

Response: All required bonds are listed in the project manual i.e. Bid Bond, Performance Bond, Statutory Payment Bond, One Year Maintenance Bond, and One Year Surface Correction Bond.

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 Addendum and to have incorporated them into their bid.

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

DocuSigned by:

Cathy Vander Plaats

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