



CITY OF HOUSTON

Sylvester Turner

Mayor



George Bush Intercontinental ~ William P. Hobby ~ Ellington Airport

Mario C. Diaz  
Director of Aviation

September 17, 2020

**SUBJECT:** Addendum No. 3

**REFERENCE:** Invitation To Bid (ITB) Solicitation No. HWC-TCWAY-2021-002 for TERMINAL C & GARAGE WAYFINDING SIGNAGE PROJECT @ (IAH);  
Project No. 794C

To: All Prospective Bidders:

This Addendum is issued for the following reason:

**I. TO ANSWER QUESTIONS SUBMITTED BY PROSPECTIVE BIDDERS:**

1. **Question:** request that Avery Dennison be considered for all sections and sign drawings listed in the solicitation above. A few sections in particular are mentioned below. Please find the red font as language to add/delete to the solicitation so it is not a sole source bid. Section 101404 - Wayfinding Signage; 2.4 MATERIALS; G Vinyl Graphics:
  1. Utilize 3M vinyl products (or equal) suitable for applicable installation surfaces.
  2. Subject to compliance with requirements, provide 3M Diamond Grade DG3 Series 4090 white reflective sheeting, Avery Dennison OmniCube Series T-11500, or Owner approved equal with digitally printed image. Colors and images vary, refer to sign type layouts. The digital print shall be protected by 3M ElectroCut film series 1170 a clear UV protection film recommended by the manufacturer of the reflective sheeting or Owner approved equal with a PMMA top film.
  3. Digital Image - The printing resolution shall be a minimum of 540 dots per inch (DPI). All numbers, letters, symbols and borders or backgrounds on signs shall be digitally printed (directly or through reverse image) before the sheeting is adhered to the panels, unless otherwise approved by engineer. Final signs to be printed with custom blue or gray as approved by owner.

**Response:** HAS hereby adds "or approved equal" to all specifications that call out or reference 3M Products. Document 00700 section 8 states: "No substitutions of products will be considered during the bidding period." The successful bidder will be required to submit substitutions per Document 00700 General Conditions and Document 01630 Product Options and Substitutions. Refer to revised specification section 101404 attached.

2. **Question:** 4. Digital Printing Process - The inkjet printer must be capable of printing with a resolution of 540 dots per inch (Avery Dennison TrafficJet Pro prints at 605 x 1200 dpi) on a media of 48 inches wide, at a minimum. Digital printing must be performed using an environmentally friendly, flexible, UV incandescent, curable ink. The overlaminate must be applied with the use of a laminator capable of heating to 170 degrees Fahrenheit (We only require 120 degrees Fahrenheit) Fahrenheit with a nip pressure of 90 pounds per square inch. All digitally printing shall be done in a workmanlike manner and as recommended by the manufacturer of the reflective sheeting.

**Response:** Please refer to the response provided in Question No.1.

3. **Question:** 5. Warranty - Image durability, special or custom colors that are used in the manufacturing of digitally printed graphics, which are not defined by ASTM D4965, must be warranted for a period of 8 years (Avery Dennison Digital Printed Warranty is 10 years for custom signs and colors, and 15 years for standard traffic colors defined by ASTM D4956) and shall not excessively fade, discolor, crack, peel, blister or lose reflectivity such that the signs become visually unsuitable for their intended purpose.

**Response:** Please refer to the response provided in Question No.1.

4. **Question:** Additionally, nearly every sign design drawing includes references to 3M, please add and/or Avery Dennison as an approved equal.

**Response:** Please refer to the response provided in Question No.1.

5. **Question:** During the previous bid, there was a new sign type added in Addenda 5. There was an added page, SKA-A02, which showed a Directory Kiosk that was added. On that same page there were quantities provided (8 Total - TBC). In this Rebid set, we found the same directory kiosk on page AG3.000, however there were no quantities provided on this page. Are these directory Kiosk still in-scope? If so, should we allot for the same 8?

**Response:** Please refer to the revised AG3.00 Volumes 1 and 2, attached. These details should have been located in Volume 1, in lieu of Volume 2. There will be a total of 8 directories, locations to be determined.

6. **Question:** Could you please confirm the overall project budget is \$4,000,000.00?

**Response:** Yes, the projects budget is \$4,000,000.00.

7. **Question:** Do all subcontractors have to be registered with city, even if he is only one person? Any women or minority contractor will be considered so only if they are registered with City. Please clarify and verify.

**Response:** For a women or minority business to be used for MWBE credit they must be certified by the City of Houston.

8. **Question:** A Bidding General contractor does not need to be WMBE but after having been awarded the contract will have to subcontract the job to at least 12% WBE and 8 % MBE. Please verify.

**Response:** A bidding general contractor must submit the MWBE participation plan at bid submission in order to be evaluated.

9. **Question:** Is there a message schedule or spreadsheet, with the total quantities required for each sign type for the terminal and the garage?

**Response:** It is the contractor's responsibility to determine quantities per the floor plans and corresponding sign messages following each floor plan.

10. **Question:** Where can we find the Covid protocols for contractors working on this project?

**Response:** Contractors are to follow their company policies, and at minimum follow the City's requirements for entry into facilities (masks). In addition, if they become "positive" they are to report it to their project manager."

11. **Question:** There are numerous sign cabinets, which contain monochrome, digital displays for things like the "Available Parking Spots". These displays are noted as "Provided by Others". Will these displays be sent to the sign vendor's facility for integration or will the display be installed by another party onsite at the airport?

**Response:** The cabinets are existing and already installed in place. The successful offeror will install the static signs by mechanical attachment to the existing cabinets. A mock-up will be required. The work is described in Specification Section 01110 as well as the drawings in Volume 1.

12. **Question:** We have noticed conflicting info on liquidated damages. One place has a sliding scale based on contract value (800-2000 per day) but the very next page says that the damages are \$1,200 per day. Please clarify which one is accurate.

**Response:** Liquidated Damages are \$1,200 per day.

13. **Question:** To make sure all bidders use a right prevailing wage for the labor on site-could you provide the prevailing wage for the sign installer category or suggest to us the right category of labor that we need to use the prevailing wage project. Sign installer is not a listed trade currently.

**Response:** If the trade you plan on using is not currently listed on the prevailing wage that is part of the contract, contractor must fill out the SF 1444 address to: Jason McLemore Deputy Assistant Director Houston Airports Office of Business Opportunity, with the wage and all fringe benefits.

14. **Question:** If there is a discrepancy between location plans and message schedule-please confirm if one takes precedence over the other?

**Response:** The message schedule is the content to be provided on the message. The location plan is the approximate location of the sign. Any discrepancies will be considered on a case by case basis through RFI's.

15. **Question:** Sign Type 5-ID.41 & 5-ID.41 - Panel Size on Elevation Size Shows 2'-6" and on the Plan Shows 2'-4" Which one to follow?

**Response:** Please refer to page 2-24 of Volume 2 - the sign is 2'-6" deep.

16. **Question:** Are the Terminal Area Skyway Signs to be removed from the BID Scope?

**Response:** Yes, please refer to Addendum 2.

17. **Question:** Can you extend the dates asking any additional questions to be asked until Friday This week, as this is an extensive bid scope.

**Response:** No, we have a very strict schedule to meet. Delaying the questions due date also delays the bid due date and ultimately impacts the entire schedule.

18. **Question:** Item #4 of Addenda 2 states "4. Removes paint from Terminal Elevator cores (Refer to drawing sheets: 1-19, 2-47, 2-48, 2-49, 2-50, 4-5, 4-14, 4-23, 4-57, 4-58)," The sign types that are being called out in these pages are also in located in Volume - II (The garage). Do you know if the painting scope has been removed for the garage as well, or is this painting scope being removed only intended for the interior (Volume I)?

**Response:** The painting scope for the Garage (Volume 2) remains the same. The requirement to paint elevator cores in the Terminal has been removed from the scope.

19. **Question:** Could bidder get an updated Message Schedule with Signage Location Plans for Terminal C. (See Attached Chart)

**Response:** The floor plans and the messaging immediately following the floor plans identifies all the messaging. Addendum 2 further clarified the scope as well as removed some project requirements. Further description of Addendum 2 by line item is as follows:

Item No.1 of Addendum 2 removes the Skyway scope from the drawings. This scope is not replaced in this project. All referenced details for that scope have been listed, bubbled and are to be removed from the project scope per Addendum 2.

Item No.2 of Addendum 2 removes Restroom wayfinding from one set of restrooms as identified in Addendum 2 from the drawings. This scope is not replaced in this project. All referenced details for that scope have been listed, bubbled and are to be removed from the project scope.

Item No.3 of Addendum 2 states All signs that read "Ticketing/ Check-In", shall now read "Check-In" only per the details listed in Addendum 2.

Item No.4 of Addendum 2 Removes all references to painting Terminal Elevator cores blue. The Terminal Elevator cores do not receive paint. Only the Garage elevator cores per the details listed in Addendum 2.

Item No 5 of Addendum 2 adds Restroom graphics to the exterior of the Restroom entries per the details listed in Addendum 2.

Item No. 6 of Addendum 2 adds the restroom symbol to 2 signs, per the drawings in Addendum 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 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 and to have incorporated them into this solicitation.

If further clarification is needed regarding this solicitation, please contact Warren Ching, Sr. Procurement Specialist, via email at [warren.ching@houston.tx.gov](mailto:warren.ching@houston.tx.gov).

DS

DocuSigned by:

LPW

*Cathy Vander Plaats*

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Cathy Vander Plaats  
Procurement Officer  
Houston Airport System

ATTACHMENTS:

Addendum No. 3

Solicitation No. HWC-TCWAY-2021-002

Project No. 794C

1. Addendum 3 Revised Spec Section 101404;
2. Addendum 3 Revised Drawing sheet AG3.00 Vol 1&2
3. Message Schedule/Signage Location Plans Question Chart (submitted by a vendor)