

DATE: October 23, 2015

SUBJECT: Letter of Clarification

RE: LED Display Procurement and Installation

TO: All Prospective Bidders

This Letter of Clarification is issued as part of the referenced project solicitation for the purpose of responding to questions timely received from potential bidders:

1. **Question:** Will you provide structural drawings for all sign locations?

Answer: Secondary structure to support video displays is to be provided by the video display contractor.

2. **Question:** Who is responsible for providing electrical power and what is the distance from demarcation point to each sign location? Can you supply electrical drawings?

Answer: Electrical power will be provided to within 10 feet of the video display. Electrical design and configuration from demarcation point to video display is the responsibility of the video display contractor.

3. **Question:** Would you provide a location of the control room and the distance to each sign location?

Answer: Please refer to the Drawings to estimate distances.

4. **Question:** How many locations do you want to connect to/from and are you looking for live feed from cameras, laptops, and/or other sources?

Answer: Consider a maximum of 5 other temporary use video boards that would need to be integrated with. We are not looking for live feed from cameras, laptops, or other sources as part of this scope. All other live feeds would be accomplished through current video control room set-up or a temporary video control room set-up.

5. **Question:** For brightness control, are you looking to tie into the existing light control?

Answer: No.

6. **Question:** Will the displays be recessed?

Answer: No. Please refer to the Conceptual Rendering. Displays are surface-mounted with architectural offsets around them

7. **Question:** Is the space above the interior display installation locations plenum rated for ventilation?

Answer: The space above the ceiling in the main concourse is a return air plenum.

8. **Question:** Can you provide dimensions on each side of the corner wrap display?

Answer: Dimensions are 9'x16' with 8' on either side of the corner. Please refer to the Conceptual Rendering.

9. **Question:** What are the location details for the (2) 80" LCD displays and the 16' x 2' ribbon board display?

Answer: Please refer to the Conceptual Rendering.

10. **Question:** The drawings seem to show the interior curved LED display as 2.5mm; however, the bid form states 4mm. Which is correct?

Answer: Pricing should be proposed on a 4mm display.

11. **Question:** Regarding Section D, Item #3 on the bid form, is an alternate option mandatory? If so, would please provide additional details?

Answer: It is not mandatory, but recommended. Houston First is looking for an alternate display type that is more budget-friendly and looking to the expertise of the video display contractor to suggest an alternate display type.

12. **Question:** Section 1 Physical Design Criteria references the electrical demarcation points shown on the electrical drawings. Would you please confirm location and/or provide the electrical drawings as referenced in this section to determine electrical demarcations?

Answer: Electrical power will be provided to within 10 feet of the video display. Electrical design and configuration from demarcation point to video display is the responsibility of the video display contractor.

13. **Question:** Can you provide architectural drawings or related documents to confirm existing conditions?

Answer: Please refer to the Drawings and Conceptual Rendering. Secondary structure to support video displays is to be provided by the video display contractor.

14. **Question:** Section II, Color LED Displays references various specifications for the LED displays including brightness, uniformity, viewing angles and color temperatures;

however, there is not a specification regarding the number of hours for the LED diode. The bid form references that the bidder confirm which LED Diode Manufacturer being proposed, but there is no reference to the LED Diodes required. Can you please confirm which LED Lifetime Hours and LED Diodes (Cree, Nichia, etc.) will be considered as base bid and which will be accepted as alternates?

Answer: Base model LED should be Cree or Nichia 100,000 hour. Bidders may submit an alternate, more cost-effective LED based on their expertise, but are asked to specify LED make and lifetime hours for any such proposed alternate.

When issued, Letters of Clarification automatically become a part of the invitation to bid and supersede any previous specifications and/or provisions in conflict therewith. Bidders are responsible for ensuring that they have obtained any such previous letters associated with this solicitation. By submitting a bid, bidders shall be deemed to have received all Letters of Clarification and to have incorporated them into their bid.