

August 8, 2014
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
Y14-7007 MM / ADDENDUM #1
ORANGE COUNTY CONVENTION CENTER WEST BUILDING WESTWOOD LOBBY
ENTRANCE LED SIGNS

Revised Bid Opening Date: August 14, 2014

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

A. The Bid Opening Date is changed from ~~August 12, 2014 at 2:00 P.M.~~ to August 14, 2014 at 2:00 P.M.

B The following are questions/responses/clarifications:

1. **Question:**

We work on a national basis with our current certifications. We will be submitting a proposal as the prime contractor and listing our license information. Our Orlando local – MBE partner will acquire the necessary permits etc. in conjunction with us as related to this scope of work. Will that be acceptable?

Response:

Please refer to Part C- INSTRUCTION TO BIDDERS Section 2-d, Page C-2.

2. **Question:**

In part C section 2 part d, it says that we would need a permit to transact business in the State of Florida along with the Bid Proposal.

I was wondering if you could clarify with me the necessity of the permit. Also, would we need to apply for a temporary contractor's license in order to perform the project and do you know how long that process will take?

Response:

Please refer to Part C- Instruction to Bidders, Section 16 LICENSING REQUIREMENTS.

3. **Question:**

What is the proposed or preferred screen resolution of the LED Digital displays? It is not indicated on the AECOM drawings or within The Bid Documents. Please specify preference to LED pixel pitch. It was mentioned in the meeting that there was a range from 7 to 10 mil.?

Response:

Resolution is the degree of sharpness and clarity of a displayed image. This is determined by pixel pitch and the size of the matrix. The Digital display shall not include a pixel pitch (the distance from the center of an LED pixel to the center of the next LED pixel) greater than 10 mm. The matrix size (H x W) per individual LED display unit should have a minimum 192 pixels x 896 pixels.

4. **Question:**

Would you like the displays to be curved top to bottom to match the existing wall?

Response:

The display will not be curved; however the display will be mounted at a 5-7 degree angle. This angle will not match the curve of the existing wall.

5. **Questions:**

Please advise the brand of Players being used by OCCC?

Response:

MediaVue SureVue D6.

6. **Questions:**

Please provide the Brand AND Model of the Players used by OCCC?

Response:

MediaVue SureVue D6.

7. **Questions:**

Can the D6 be supplied with the display port to DVI convertors?

Response:

The Owner will provide and install one (1) MediaVue SureVue D6 media player. SureVueD6 comes with 6 x mDP to DVI adaptors which gives you 6 x DVI outputs. SureVueD6 can also be configured in a 6 x VGA configuration, which comes with 6 x mDP to VGA adaptors. The Owner will order the configuration that best fits the selected solution.

8. **Question:**

Where is the Control Room Site location and distance from the Signs? We discussed that it would be better for quality and speed to be located closer than 300 feet.

Response:

The five (5) LED Displays will be connected to the OCCC network in a control room located on the 3rd floor of OCCC.

9. Question:

Where is the player system for the displays going to be located? Will it be located at the displays themselves or in an adjacent medial closet?

Response:

The five (5) LED Displays will be connected to the OCCC network in a control room located on the 3rd floor of OCCC. The media player will be installed by others at close proximity to the center mounted LED Display. Estimated distances from the Media Player to each of the LED displays, starting from the center of the middle LED display to the center of the outermost displays are 5 linear feet (LF), 55 LF and 80 LF, respectively.

The Contractor shall be responsible for providing the data connection, including cables and AV extenders as required, from the SureVue D6 Digital Media Player. If extenders and/or connectors are required to accommodate distant and device connections, the Contractor shall provide extenders that will best maintain optimal signal quality for their equipment, and shall identify the locations, quantity, planned distance runs, and type of extender/connectors. Cables, extenders, connector and all other devices provided by the proposer shall be supported as part of the overall solution.

10. Question:

Please confirm Power to be provided by OCCC to each of the 5 sections?

Response:

The Contractor shall be responsible to make power connections which will be provided by the Owner within 10' of each LED display sign location.

11. Question:

Please confirm Cat 6 Fiber Optic cables to be provided by OCCC to within 10 feet of sight at one outlet or at each of the 5 sections?

Response:

The Owner will provide Cat-6 cables from the Control Room to the media player locations.

12. Question:

Will power and data be provided within 10' of each LED cabinet location or to one central point?

Response:

- The Owner will provide only power for the Contractor to connect to within 10' of each LED display.
- The Contractor will be responsible to provide cable connections from the media player to each of the LED Displays.

13. Question:

Could you identify what the power run will be to each display?

Response:

- Power will be sized to accommodate the selected unit.
- Contractor is responsible for securely fastening and conceal all cables and wiring from view. All components must be easily accessible for future maintenance.

14. Question:

Will there be a cable pathways from the player location to each of the display locations? If so, will it be conduit and what size?

Response:

Owner will provide a 1" conduit path from the media player to each of the LED display locations.

15. Question:

The Bid documents asks for similar projects using video and data connections via CAT6 cable. Sending large amounts of video data is typically sent via fiber optic cable. Please confirm that the connection from the MediaVue D6 Digital Media Player to each LED cabinet section will be fiber optic cabling.

Response:

- Owner will not provide fiber optic cables from the Media Player to each of the LED Displays.
- The Contractor shall be responsible for providing the data connection, including the appropriate cables that best fits the selected solution.

16. Question:

What are the dimensions of the HSS beam?

Response:

The HSS beam has a cross section of 10" x 10".

17. Question:

Will the HSS Steel Beam be installed prior to Y14-7007 NTP date?

Response:

Yes

18. Question:

Is the HSS steel scheduled for a fireproof coating? Is so, whose responsible for fireproofing the steel beam once we anchored the LED signs supports to it?

Response: HSS beam will have drywall wrapping as fireproofing. Fireproofing will be provided by others.

19. Question:

Do we need to have drawings submitted with the bid documents?

Response:

No. Selected Contractor will submit shop drawings.

20. Question:

Will we be required to install a temporary barricade wall during installation of LED signs?

Response: The Contractor is responsible to secure and protect the construction area to include, but not limited to barricades. Contractor shall obtain approval from the Owner for type of barricade prior to installation.

21. Question:

Could we stage Back-of-House near the nearest loading dock to our jobsite?

Response:

Laydown area will be arranged.

22. Question:

Are we required to have our work area completely clear of construction during "business hours"?

Response:

Per the Supplemental General Conditions paragraph 5 Work Restrictions, the Contractor shall be responsible for covering exposed work areas during Contractor's non-working hours. The working hours are anticipated to be from 6:00 PM to 2:00 AM, unless approved by Owner with 48 hours in advance noticed for work outside those hours.

23. Question:

Will we be allowed to use a fork-lift inside the concourse when unloading and maneuvering with the LED Signs?

Response:

Yes. Forklift must be propane or electric.

24. Question:

Please clarify the warranty duration. In Y14-7007 Specifications, section 3.4 and 3.9 contradict one another in terms of duration.

Response:

Section 3.4 refers to the warranty which is for (1) year.

Section 3.9 refers to spare parts and tools of any components recommended by the manufacturer which the Contractor will be providing to the Owner for maintenance of the system during a five (5) year period.

25. Question:

Does the warranty period need to include on-site labor and parts?

Response:

Please refer to Section 3.4 of the Specifications. The Contractor will agree to repair or replace defective sign elements within the 1-year warranty period.

C. CHANGES TO:

1. PART C- INSTRUCTIONS TO BIDDERS, PART C- page C-17 Section 28-REFERNECES, &
2. PART D – OFFICIAL BID FORM, ATTACHMENT E – REFERENCES:

REFERENCES:

Bidder should supply (with the bid form) a list of at least three (3) similar projects successfully completed **by the Bidder, as a Prime or Subcontractor** within the last five (5) years. Failure to provide this information may be cause for rejection of the bid. The projects should include the following elements:

- a. Construction in an active general assembly facility (i.e. schools, airports, convention centers, arenas, stadiums, hotels, hospitals)
- b. Fabrication and wall mounted Installation (~~at a minimum height of 12 feet above grade~~) of similar size LED Display Message Sign.
- c. Connection of video and data components to data ~~category 6 cables~~.
- d. Connection of ~~to~~ existing power circuits from existing building.

The ~~three (3)~~ similar projects must include element ~~#1~~ **elements a and b** and ~~one two~~ additional elements.

EACH SIMILAR PROJECT LISTED SHALL BE LISTED WITH COMPLETE INFORMATION AS SPECIFICALLY PROVIDED ON THE REFERENCE FORM (ATTACHMENT E). THE SPECIFIC INFORMATION ON REFERENCES MUST BE PROVIDED ON THE REFERENCE FORM. DO NOT ATTACH LISTINGS OF REFERENCE INFORMATION. FAILURE TO PROVIDE REFERENCE INFORMATION AS REQUESTED MAY RESULT IN THE REJECTION OF YOUR BID.

The determination of whether a bidder is responsible or not shall be at the sole discretion of the County. Although the County may request submission of a minimum number of similar projects for evaluation, the County's determination of a bidder's responsibility shall not be solely based on the number of similar projects submitted.

The contact person listed as a reference shall be someone who has personal knowledge of the Bidder's performance during the referenced project. Contact persons must have been informed that they are being used as a reference and that the County will be calling or emailing them.

D. CHANGES TO PART G – SUPPLEMENTAL CONDITIONS / SPECIAL PROVISIONS:

Paragraph 3- Construction Schedule/ Liquidated Damages:

This work has an anticipated construction duration of ~~180~~ 130 calendar days for substantial completion and ~~240~~ 160 calendar days for final completion. The Notice to Proceed is anticipated to be issued by August September 2014.

E. CHANGES TO PART H- TECHNICAL PROVISIONS (SPECIFICATIONS):

1. Division 10- Specialties
10440 Interior Signs- Electronic Displays

Part 1- General, Section 1.2

1.2 SCOPE OF WORK

F. BASE BID - Digital display shall include a pixel configuration **not to exceed** ~~of between 7 mm and 10 mm~~, full color RGB LED digital message sign with aluminum and steel construction. Sign shall have front and rear access for service, specifications must be submitted prior to display final design. Allowable manufacturers include: Daktronics, Nanolumens, Watchfire, and YESCO.

2. PART 2- PRODUCTS

- 2.1.1 CONNECTIONS

- A. The contractor shall be responsible for making power ~~and data~~ connections which will be provided within 10 feet of each ~~sign location~~ as well as connecting owner provided components LED display unit. Content will be managed using AppSpace Video Wall application with one (1) MediaVue D6 SureVue Digital Media Player located within the ~~IDF room on Level 3 of the West Entry~~ and OCCC will obtain the AppSpace license(s). AppSpace control device will be **purchased and installed** by the owner. The contractor shall connect sign components to provided Appspace connections and connect each sign to the provided power source **digital media player using DVI or VGA cables and AV extenders as needed to meet the performance requirements (video speed/strength) of the system.**

One or multiple video imaging processors may be required depending on the LED system design by contractor. The contractor is required to provide processor(s) as needed for the system to be a fully functional digital wall of continuous graphic and/or video content. The system must have the flexibility to offer the client the option to also run individual content to each of the display units, if required.

3. PART 3- EXECUTION

3.9 SPARE PARTS

- A. As a condition of Final Acceptance, the contractor shall deliver to the Owner the following spare parts listed below. These components are:
1. LED modules, no less than 2% of total used in the construction of sign
 2. One video image processor, if a processor is required.
 3. Any components recommended by the manufacturer for maintaining the system during ~~the~~ a five (5) year maintenance period
 4. Any special tools or testing equipment required for maintaining the system during ~~the~~ a five (5) year maintenance period

F. DRAWINGS/PLANS:

The attached Sheet AG103 from the OCCC Westwood Lobby LED Digital Display Design Intent Bid Documents has been revised and replaced.

G. All other terms and conditions of the IFB remain the same.

The Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the proposal.

Receipt acknowledged by:

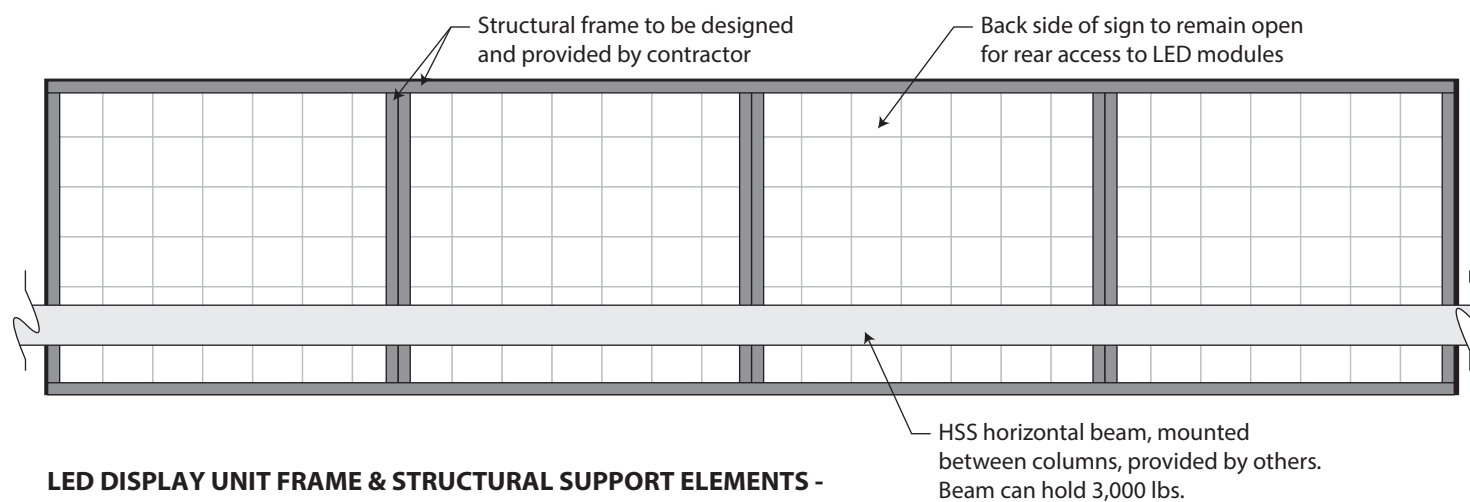
Authorized Signature

Date Signed

Title

Name of Firm

Westwood Lobby LED Digital Display - MOUNTING



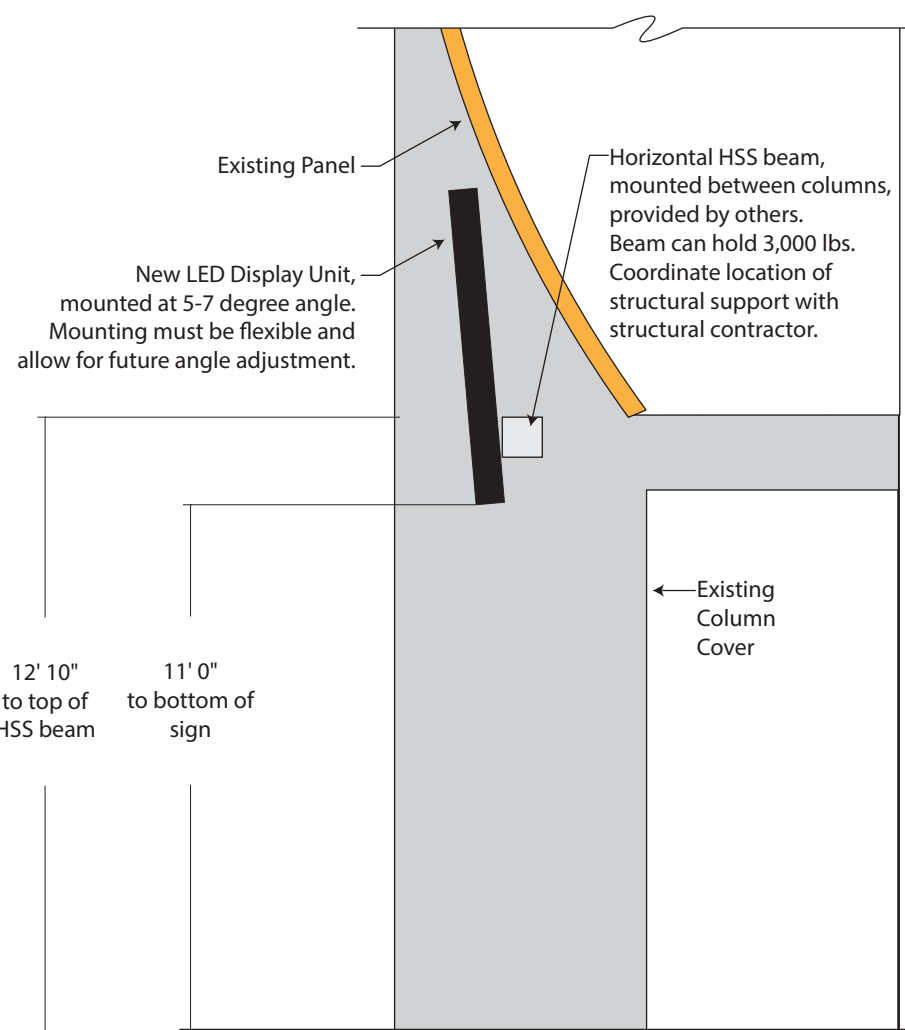
LED DISPLAY UNIT FRAME & STRUCTURAL SUPPORT ELEMENTS - REAR ELEVATION

The drawing above is provided for conceptual purposes only. The contractor is responsible for engineering of the structural frame required for mounting the LED Display Units to the horizontal support beam provided by others. New LED Display Units shall be mounted at a 5-7 degree angle. Mounting must be flexible and allow for future angle adjustment. Coordination with the structural engineer and structural contractor is required prior to beginning work.

POWER AND DATA CONNECTIONS

The contractor shall be responsible to make power connections which will be provided within 10' of the sign location. All cables and wiring shall be concealed from view and securely fastened but also easily accessible for future maintenance.

The contractor shall be responsible for providing the data connection, including cables and AV extenders as required, from the SureVue D6 Digital Media Player (provided and installed by the owner) to the LED displays. The owner will provide 1" conduit for the cables.



LED DISPLAY UNIT - MOUNTING HEIGHT

The mounting height of each LED Display Unit is 11'-0" AFF. Coordinate mounting requirements with the structural contractor.

NOTE: Some elements included in this drawing are not to scale. Field verification is required.

Orange County Convention Center
Westwood Lobby LED Digital Display
Design Intent Bid Document

Project 60277927
OCCC West Concourse Interior Wayfinding

Scale: NTS

Note: Drawing scale shown on plans is accurate for full size plans only. AECOM is not responsible for scale discrepancies caused by reduced or enlarged site plans.

Description:
Westwood Lobby LED Digital Display
MOUNTING

Issue Date: JUNE 2014

Revision:
▲ ADD 1 - 4 AUGUST 2014

These drawings express visual design intent only. Final engineering, materials, and fabrication shall remain the responsibility of the fabricator.

The content of this document is subject to the design intent requirements outlined in the Specifications.

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