

## **ADDENDUM #2**

FOR

### **RFP – Design/Build RFP for Video Display Upgrades**

9/18/2024

#### **Clarifications:**

- 1) We are extending the due date of the RFP. Please see updated schedule below:

**Proposals Due: Tuesday, October 15, 2024, by (4 PM)**

#### **Questions:**

- 1) Is there a goal (%) we are to target for the diversity requirements? **Answer: All proposers must make Best and Good Faith Efforts to obtain Meaningful and Substantial participation of M/W/DBEs. There is no specific target percentage.**
- 2) Who do we contact regarding the list of eligible M/W/DBEs from PCC? **Answer: Dominique Bonds can answer any MWDBE questions you have. Office: 215-418-2105 Cell: 215-284-9469 Email: [dbonds@paconvention.com](mailto:dbonds@paconvention.com)**
- 3) Can you please confirm if this project will require union labor for all on-site installation work? Is there prevailing wage? **Answer: The project requires union labor. No prevailing wage.**
- 4) Are electrical as-builts available? **Answer: See posted document 'PCC Electrical drawings'.**
- 5) Are structural as-builts available? **Answer: Yes, but limited. See posted document 'PCC Arch and Structural drawings'.**
- 6) Are architectural "as-builts" available? **Answer: See posted document 'PCC Arch and Structural drawings'.**
- 7) Are drawings of all electrical and IDF closets available? Identify the EC and IDF closets for each section of the building, approximate distance to each display. **Answer: See posted documents 'PCC Electrical drawings' and 'PCC AV and IT drawings'. You may schedule another site visit if you need to evaluate distances/plans further.**
- 8) Are site-plans available? **Answer: Floor plans are available on PCC's website. See page: <https://www.paconvention.com/meeting-professionals/floor-plans>**
- 9) Are technology drawings available that show low voltage/fiber pathways? **Answer: We do not have these.**
- 10) Please provide the excel version of the AJP bid form. **Answer: See posted Revision 2 of PCC Digital Display Upgrades Proposal form – Excel version**
- 11) Display Reference 3.3 is called out on the Display Key in (3) separate locations, for a total of 12 displays. The BOM shows (2) separate locations, for a total of 8 displays. Which is correct? **Answer: All four locations are shown on the display key, (1) page #1, (3) page #2.**

- 12) Could you please provide the radius of the 1.14 display? **Answer: Individual screen radius = 11'-2 11/16" \*Individual screen arc length = 12'-4 11/16" \*Individual screen square footage = 83.6 \*Combined screens square footage = 250.8**
- 13) "Meeting Rooms" display reference 3.9 static lettering is not on the bid form, could you please advise if this is in our scope? **Answer: Yes, it's included in the scope.**
- 14) Display reference 1.22 calls out a quantity of (2) on the bid form, but only (1) on site plan, which is correct? **Answer: Quantity is one (1).**
- 15) Are chain hoists acceptable for ref. 1.14? **Answer: Chain motors shall meet all D8+ load and safety rating and be complete with the following: A) An ingress protection (IP) rating of 66. B) Adjustable limit switch. C) Wireless Control.**
- 16) Confirm single sided kiosks are indoor only? **Answer: Yes, indoor only.**
- 17) Are single-sided kiosks interactive? Is there a touch option needed or just running display? **Answer: Touch screen not required.**
- 18) Any other features needed in the single sided kiosks? Video camera to see people – trigger content or AI ads? Proximity sensor? **Answer: No other features needed.**
- 19) What is the main purpose of the content on the kiosks? Ad vs Wayfinding? **Answer: They will be used for both.**
- 20) Do you envision the kiosk to have stand-alone media playback? **Answer: Yes.**
- 21) Will this kiosk be in a facility where there is wifi? Assuming yes, and that these should be wireless; but these will need to plug into an outlet for power - please confirm power and wifi. **Answer: Power and data will be available at portable locations as needed.**
- 22) Kiosk to be cellular – able to communicate from anywhere similar to a cell phone? **Answer: No cellular.**
- 23) Will kiosk be in a location that needs portability or do you need the kiosk to be able to “travel”; i.e. will kiosks need to be portable throughout the building only? Or will they be taken elsewhere to other locations? **Answer: Kiosk will be portable, see model KIPC255 / KIPC25-WHL as specified in RFP docs.**
- 24) Are kiosks singled sided? **Answer: Yes, see model KIPC255 / KIPC25-WHL as specified in RFP docs.**
- 25) What is the manufacturer, processor, input signal, input signal format for the existing displays? **Answer: Existing screens in the Broad Street Atrium are Daktronics. See posted drawings in ‘PCC AV and IT drawings’ for the details we have on them. Also posted are the Chromebox minis that are attached to existing monitors above meeting rooms and in corridors.**
- 26) Will any of the displays share or mirror content? **Answer: In certain situations, content will display as an "overtake" of sharded. In other situations, LED content shall be designed as interactive between multiple locations.**

- 27) For spec 2.9F – acceptable manufacturers: the acceptable manufacturers list of processors does not include Samsung. Is SBB-CS4B an acceptable processor? **Answer: SBB-CS4B will be reviewed.**
- 28) Specifications read: “The contractor shall be responsible for the removal and disposal of all displays and equipment being replaced as part of the RFP. Coordinate with the Owner for any equipment that shall be retained.” Locations impacted by relocated devices shall be patched and repaired as needed. Please provide photographs of each location where LED or Monitors will be installed that show the existing LED Displays, Monitors, Surfaces, Signage, HVAC, Fire Alarm Devices, etc., that are or could be deemed to be “displays and equipment”. Please indicate on or with the photos any equipment that shall be retained. **Answer: All existing LCD monitors currently installed are scheduled to be replaced. Quantities & locations are shown on the display key.**
- 29) Are dumpsters available on site for us to use? Please provide the contact information for the trash disposal and recycling partner of the PA Convention Center. **Answer: Contractor must provide their own dumpsters, through Republic Services. Republic Services handles and tracks all trash and recycling for the Convention Center. PCC’s account manager from Republic is Jim Capanna (office: 856-533-5285, email: jcapanna@republicservices.com).**
- 30) Specification: “The Contractor shall be responsible for the provision and installation of any primary and secondary steel, mounting brackets/hardware required. This includes all union labor, materials, equipment; tools, transportation, and project management required for a complete and fully operation system(s).” Please provide the specifications for primary and secondary steel, mounting brackets/hardware. **Answer: Installation method & materials depend on product. Material & method will be reviewed during the submittal process & by required professionals to satisfy code requirements.**
- 31) The contractor shall be responsible for all power and electrical distribution from existing electrical closets to the new system(s). Contractor shall provide all secondary power connections/terminations required to power new system(s). The contractor is responsible for providing stamped electrical drawings by a licensed electrical engineer in the state of PA.
- Can you provide locations of the existing electrical closets? **Answer: See posted ‘PCC Electrical drawings’ drawings.**
  - Define “provide all secondary power connections/terminations”. Does this imply that there are adequate spare circuit breakers within existing panelboards in the electrical closets? **Answer: If adequate power, based on manufactory needs, is available in existing panels then secondary power out of those closets may be utilized. If not, it is the responsibility of the bidder to source additional power to the nearest or most convenient closet for electrical distribution.**
- 32) The contractor shall be responsible for all additional conduit and raceways required to complete a path to the display locations shall be furnished and installed by the contractor. The contractor shall be responsible for furnishing, installing, and terminating all required cabling needed to make new system(s) complete and fully operational.
- Other than complying with the National Electrical Code, are there any other specifications, criteria or requirements for the additional conduit and raceways? **Answer: No, there is not.**
  - Do low voltage communication cables (ie CAT5e or CAT6e) need to be in conduit or raceways, noting that cable tray and cable hangers are not raceway? **Answer: All new**

cabling shall be installed in minimum ¾” conduit or 1” surface raceway when exposed, with less than 40% filled. Existing pathways may be utilized when adequate space allows.

- c. Can plenum rated cables (CAT5e, CAT6e, or ethernet) be installed open above ceilings or fished through walls? **Answer: Yes, when "fished" through walls.**
  - d. Can type AC or MC Cables be used for the 120 Volt branch circuits? **Answer: Yes, Installation shall be completed in a professional manner at the display as not to be visible post installation.**
- 33) Are the illustrations and associated dimensional drawings of the rendering package and Technical Specifications the basis of the bid price? **Answer: Yes, LED ID numbers & supporting written specifications are used for the base design. As all LED manufacturers fabricate lighting units to a different size, vendors shall use sizes & pixel resolution listed as a target parameter within reason.**
- 34) Where are the existing LED Display processors located and where will the new LED Display processors be located? **Answer: Room A192A shown on the drawings.**
- 35) Where are the existing Digital Display Management System located and where will the new Digital Display Management System be located? **Answer: Room A192A shown on the drawings.**
- 36) The contractor shall be required to provide submittals and shop drawings to the Owner within thirty (30) calendar days of the date shown on award notice, acknowledged with a binding letter of intent. Can the 30 days be changed to 90 days? **Answer: Due dates for separate submittal packages will be entertained. However, product/manufactory submittals being used detail design drawings shall be approved prior to full designed/engineered package.**
- 37) Display 3.7 – Please confirm existing openings where LCDs are currently mounted can be left open and covered up with the new LED displays. **Answer: Opening at location 3.7 may remain if the provided LED covers the existing opening in full.**
- 38) Display 3.1/3.2 – Can the existing frame be reused with new LCD and mounts if we are able to achieve look of rendering packet? **Answer: Existing frame may be repurposed if the vendor is able to achieve the appearance as displayed in the rendering. This acceptance of appearance will be the sole discretion of the owner.**
- 39) For the Grand Hall 3-Sided Suspended Landscape displays, can these be permanently mounted and serviced with a scissor lift? **Answer: Design intent is for displays to be installed on hoist. Pending review of RFP submissions, alterations to individual display locations will be entertained.**
- 40) Display 1.11 – Please confirm if we are responsible for removing flower planters, if so, provide estimated weight. **Answer: PCCA will be responsible for moving planters if needed.**
- 41) Display 1.11 – Please confirm mounting intent? Penetrate through granite? **Answer: An installation method to minimize penetration in the granite will be accepted.**
- 42) Please provide grand hall floor weight limit and equipment entry access location. **Answer: See last 3 pages of the ‘PCC Arch and Structural drawings’ for Grand Hall floor weight limits and roof steel hanging capacities.**

- 43) Please provide grand hall upper steel drawings. **Answer: Steel drawings are in Trainshed section of the 'PCC Arch and Structural drawings' package.**
- 44) Is there a primary electrical engineer for the building? **Answer: The Convention Center does not have their own electrical engineer for the building.**
- 45) Please verify spare quantity amounts for each LCD display. **Answer: 55" (4), 65" (1), 75" (2)**
- 46) Which of the LCD Displays listed in Spec. Section 3.2 are replacing existing LCD Monitors? **Answer: Please see updated 'PCC Concept Renderings' (will be posted in next couple days once complete).**
- 47) Given that there two 65" Monitors – Wall Mount (Ref. 3.5) on the location plan, shouldn't the quantity state two (2) units each with two (2) displays each? **Answer: The corrected quantity has been noted in the excel sheet line 114.**
- 48) Item 3.9 Signage meeting rooms show one (1) the letter layout for one sign.
- Do you want the individual letters that will be mounted on an existing wall or do you want a sign with the lettering on it? **Answer: Individual letters.**
  - If a sign, what is the dimension or approximate dimension of the sign? **Answer: N/A**
  - If a sign, do you want painted or illuminated lettering or raised letters? **Answer: N/A**
  - Will there be more than one of these signs? The plan drawing shows one. **Answer: Only (1) one sign.**
  - Do you need supplemental lighting to illuminate the sign? **Answer: No.**
- 49) The Technical Specification calls for three (3) BROAD STREET DISPLAYS ABOVE ENTRANCE: (Ref 2.2) whereas the Key Plan shows one (1) – which is correct? **Answer: Location shall receive (3) three displays per the written specification. The floor plan is for location reference only.**
- 50) The Technical Specification calls for one (1) 12<sup>TH</sup> AND ARCH ENTRANCE AREA: (Ref 1.17) whereas the Key Plan and AJP bid form shows two (2) – which is correct? **Answer: Quantity is (2) two.**
- 51) Can we propose phases of work inside phases that will reduce footprint in PCCA? **Answer: Yes, each proposer is responsible for issuing a proposed installation schedule.**
- 52) Can you provide which LCD locations have existing power and data vs the new locations receiving LCD displays? **Answer: Please see updated 'PCC Concept Renderings' (will be posted in next couple days once complete).**
- 53) Confirm HVAC repositioning is in scope? **Answer: Yes. Locations are noted on the drawings and walk-throughs have been scheduled for proposers to review existing conditions.**
- 54) Design intent to fully enclose each LCD display into picture frame cladding? **Answer: Design intent is depicted in the rendering package.**
- 55) Weight load restrictions for dead hung displays/hoist hung displays? **Answer: See last 3 pages of the 'PCC Arch and Structural drawings' for Grand Hall floor weight limits and roof steel hanging capacities.**

- 56) Is the LED contractor permitted to re-use existing electrical on displays (3.1)? The existing electrical would be from the lighting we are responsible for removing. **Answer: Yes, existing can be used.**
- 57) Is the LED contractor permitted to use existing electrical/data on displays (3.4, 3.5, 3.6) where applicable? **Answer: Yes, existing can be used.**
- 58) It was mentioned that as-builts will not be available for the existing TV displays. Does PCCA know what/how many signal/data cables are at each display? **Answer: There is at least 1 signal/data cable at each existing display. The Chromebox mini is currently attached to our monitors. See product data sheets in 'PCC AV and IT drawings' package.**
- 59) Could you please provide acceptable manufacturers for the hoists for displays (1.14)? **Answer: Hoist shall be D8+ rated.**
- 60) Is there an event schedule and blackout dates where work can't be performed? **Answer: Contractor will need to work with the Convention Center on installation days/times once the installation time is closer.**
- 61) Are staging areas available to store equipment/tools/materials? **Answer: Storage area is limited at the Convention Center. Vendor/Contractor should include cost store/warehouse any large equipment until installation. We can provide a small area for gang boxes and miscellaneous materials.**
- 62) Working hours - Day/Night? Are off hours work available or required? **Answer: Typical work hours are 7AM-3:30PM. Contractors may work outside of those hours if they choose to do so, just coordinate with building staff/security.**
- 63) Is there a preferred HVAC, Carpenter, Sheetrock contractor PCCA utilizes? **Answer: No, but contractors must be union and capable.**
- 64) Start date for proposed Phases? **Answer: No. This will be determined by contractor and engineered drawings and material timelines.**
- 65) For the decorative backer panels, what material and thickness are required for these? Do you have any fabrication details or photo examples of what is needed? **Answer: See material specifications in section 4 of RFP specifications.**
- 66) Can you confirm that aggregated playback PoP is adequate and granular second by second PoP is not needed? **Answer: Proof of play is available in the Navori platform. The client would need to clarify what information is required on POP report.**
- 67) Can you provide clarity on the use case for DOOH advertising module, eg will it be tied into SSPs for programmatic ad sales? Do you have existing relationships with any SSPs today? **Answer: The Ad module provides content and AD campaign management within the Navori CMS and can integrate with Programmatic platforms like Hivestack.**
- 68) Can you provide clarity on the use case for content synchronization? **Answer: The content sync will be required because multiple displays will have to show the same content at the same time. Grouping of those devices will be determined at a later stage.**

- 69) Is the Pennsylvania Convention Center, or parent company, seeking to host the Content Management server or can bidder host services? **Answer: Bidder will not host service. PCC will be hosting the servers.**
- 70) Is an AV vendor able to work with their chosen General Contractor as prime contractor? Or is AV vendor required to act as prime contractor? **Answer: This is left to the discretion of each vendor on how they wish to approach the project.**
- 71) Are BIM drawings required for any portion of the project? **Answer: No.**
- 72) Are permits required for low voltage? It was noted that for interior work approvals from the state would be required. If the work is outdoor, would the permit be from the city? **Answer: Permits are not needed for low voltage work. State permits are required for all other electrical work. Any outdoor signage would also require city approval and permits.**
- 73) Is there a freight elevator available to move equipment to the area? If so, are the times of use limited? Does the use need to be scheduled? **Answer: There are freights throughout the building. They do not need to be scheduled. Usage may be restricted if there is large show moving in or out.**
- 74) Are there delivery time limits at the loading dock? **Answer: No. May need to coordinate large deliveries with our show schedule and loading dock gets congested during show move-ins and move-outs.**
- 75) Does the delivery truck driver need to be union? **Answer: No.**
- 76) Is there a lockable storage area available for the AV vendor? **Answer: No there is not.**
- 77) Is there a complete bill of materials available in Microsoft Excel format? **Answer: Yes, Excel bid matrix & headend parts list issued with this addendum.**
- 78) Are there system drawings available? If so, will the system drawings be available to the AV vendor in AutoCAD format? **Answer: No.**
- 79) Will drug tests be required for on-site personnel? If so, will more than one drug test be required for the duration of the project? **Answer: No.**
- 80) Are background checks required for on-site personnel? **Answer: No.**
- 81) Will there be a single point of contact for the project from the PA Convention Center? **Answer: Yes, this person will be identified post award.**
- 82) Are lifts available for use by the AV vendor or should the AV vendor include lift rental in the bid response? **Answer: Contractors should provide their own lifts.**
- 83) Is there free on-site parking available? **Answer: Typically, each contractor is allowed parking for 1 work vehicle. All other contractors must park off-site. Parking is not guaranteed.**
- 84) Is there required safety training for on-site personnel? If so, how often? **Answer: No.**
- 85) Are there any equipment vendor quotes established? **Answer: No.**

- 86) Is there a detailed timeline or duration schedule available for the project including the separate phases? **Answer: Not at this time.**
- 87) Is there a detailed schedule of events currently scheduled at the PA Convention Center? **Answer: There is a schedule, but it does change frequently. We will work with the awarded contractor on building schedule for any installation scheduling once we are closer to that timeline.**
- 88) We understand there will be up to 3 phases and not all phases will be awarded at the same time. Will any of the phases overlap? **Answer: Unknown at this time.**
- 89) Will a separate Purchase Order be provided for each phase of the project? **Answer: There will be a separate contract for each phase of the project.**
- 90) Are Bid, Payment, and Performance Bonds required? What amount of bonds are required in \$ or %? **Answer: Yes, all are required. Please refer to our Bid documents for the details.**
- 91) Specification section 1.1.B: Is there a list of equipment being removed from the facility that the Convention center would like to retain? **Answer: No, all the existing monitors being replaced will be discarded.**
- 92) Specification section 1.1.O: New displays will be installed over a multi-phase installation period. Venue reserves the right to move displays from phase to another. Proper notification will be provided in the event of phase installation. If only Phase 1 purchase order has been released, how would moving displays between phases be performed? **Answer: Each display within the posted phases will be looked at as a standalone deployment. If moving a display out of a phase or into a phase benefits the project budget, it will be entertained by the venue.**
- 93) Specification section 1.6.A: By “Final Acceptance” does that mean per phase? Per system? **Answer: Final acceptance will be per phase.**
- 94) Specification section 3.1.F: Please define “content creation management.” **Answer: "Management" shall be the coordination of content creation between the bidder and/or bidder's subcontractor and the venue's content creation manager.**
- 95) Specification section 3.1.G: Is the back up media player quantity captured in the list of equipment in document “PCC Digital Display Upgrades Proposal Form”? **Answer: No, (2) two spare media players shall be included.**
- 96) How does PACC want or plan to go about the content creation and delivery based on your user case? **Answer: Allotment of hours has been noted for creation and delivery. How PCCA decides to utilize the hours is at their discretion and shall be coordinated in answer to question 94.**
- 97) Is PACC providing the Render/Content creation PCs, control, and rack? **Answer: No. To be provided by contractor.**
- 98) Does PACC want the individual monitors/LCDs to have local digital playback system or server room control? **Answer: The LCD displays have internal playback system and are controlled from the digital signage server.**



- 99) Does the PACC want all the LED video displays to be controlled and **all new** fiber optic cables from the LED Processors run to a central server / rack room? **Answer: Yes, all new fiber or CAT cable shall be installed.**
- 100) How many Rack/Server rooms are there, will it be one main server/control room? **Answer: Existing IDF closets can be used as pathways, all rack equipment shall be in central location.**
- 101) Where is the server room or rooms located in relation to the displays? **Answer: Room A192A**
- 102) Where are and provide information on the existing LED's referred to in specification section 3.1.c? **Answer: Locations are noted on the display key provided.**
- 103) Given that this is a turn-key project, engineering and design to develop viable solutions must be performed to determine the cost of installation. Does the PACC want to know what the solutions are, and will these be considered in evaluating the bids? **Answer: Yes, we may want to know that in post bid interviews which could be extended to some bidders.**
- 104) From AJP renderings, (1.7A) Ribbon 200 Lovel North from Grand Hall Display is missing, but It states quantity of (2) in both specs and bid form. Is the quantity correct? **Answer: 1.7A is not listed in technical specifications & bid sheet.**
- 105) On technical spec sheet referencing Hall C (Ref.1.22) it states (1 qty) indoor display but on AJP Bid Form it states (2 qty) indoor video display? Please advise. **Answer: Shows Qty 1 on technical specification & excel bid sheet.**
- 106) On technical spec sheet referencing Broad Street (Ref 3.7) it states (6 qty) indoor display but on AJP Bid Form it states (4 qty) indoor video display? Please advise. **Answer: 6 is correct.**
- 107) On AJP Rendering (3.10) Monitor Single Sided Kiosk, is the display LED or LCD Kiosk Layout? Please advise as the language is confusing. **Answer: Tech Spec 3.2, G**
- 108) Who do we talk to regarding the electrical and low voltage conduit location that will be required for the exterior display that will be mounted in front of a glass window? **Answer: Design & infrastructure pathways shall be coordinated by the bidders.**
- 109) Please provide radii for all of the curved displays. **Answer: To be determined.**
- 110) Does this project include a service warranty? If so, for how long? **Answer: See Tech Spec 1.6.**
- 111) What is the substantial completion date and is there any liquidated damages being specified? **Answer: No liquidated damages. Substantial completion date will be determined based on final project scope.**
- 112) Please confirm all cores, cable trays, conduits and boxes are the responsibility of others. **Answer: No, this is a turn-key project. Contractor to provide everything.**

**End of Questions**

## **Additional Documents:**

- 1) AJP Proposal form, Rev. 2 – Pennsylvania Convention Center Display Upgrades Proposal Form 09.18.24 – Excel version
- 2) Architectural and Structural – PCC Arch and Structural drawings (77 Pages)
- 3) Electrical drawings – PCC Electrical drawings (162 Pages)
- 4) AV/IT drawings – PCC AV and IT drawings (9 Pages)
- 5) Updated Concept Renderings (to be posted soon)