

REQUEST FOR QUOTE # WMARC-464
CONFERENCE ROOM VIDEO WALL PROJECT



ADDENDUM NO. 2
5/20/2024

By:
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NIGP Code(s): 93879, 78084, 92800

1.0 This addendum is considered to be part of the RFB. All other terms of the RFB remain unchanged and in effect. This addendum is intended to provide additional information and/or to change requirements in the above referenced RFB. Any information contained herein will be considered part of the RFB and as such will be used in the evaluation of the bid responses. Attention all potential bidders, if you have already submitted your quote prior to the bid closing date, please review this addendum and re-submit your bid response, should this addendum modify your initial bid response. Once reviewed, please certify that you have read this addendum in it's entirety and acknowledge the requirements. **Include this addendum with certification alongside your bid response.**

ATTACHMENT A-1

Updated Conference Room Video Wall Project Specifications

1.1 The scope of work below contains updates with regards to questions and answers asked during the job walk.

- a. Unless otherwise noted, the work shall include everything necessary or incidental to complete the installation including, but not limited to, cables, wall plates, cables, rack shelves, cable management, configuration of active equipment, programing, etc. All necessary information shall be furnished to technicians to ensure that all Audio-Visual Systems specified will be installed according to specifications.
- b. Work to be performed in strict accordance with this RFB and all corresponding addendum issued.

2.1 Updated Scope of Work Equipment:

- a. The conference room's use case shall be an agnostic system for connectivity to existing PCs, tablets or devices brought in by end users.
- b. Provide and install a 2 x 2 Video Wall consisting of four thin bezel 65" commercial displays configured as a single display.
 - i. Commercial Displays for Video Wall shall be Philips 65BDL6005X X-Line - 65" Class (64.5" viewable) LCD Video wall - 4K - for digital signage.
- c. Existing PC will be connected to Video Wall, Camera, Speakers, and microphones. The County will be supplying a dedicated computer for the conference room's use.
- d. Provide a wireless presentation and collaboration device that will allow users to walk in with their laptops and begin presentation or conferencing by using ClickShare capabilities on the table.

- i. Clickshare Base shall be Barco CX50 Gen 2 wireless video/audio extender - 802.11a, 802.11 b/g/n, WiFi5 with two buttons included.
- e. Provide and install two ceiling mount microphone arrays that integrate with the PTZ camera to allow camera to focus on the active participant.
 - i. Ceiling array microphones shall be qty. 2 - Shure MXA920W-S, square, white 24 inch
- f. Provide and install one 65” commercial display at the conference room mid-point on the east wall with an articulating mount.
 - i. Display for the side wall shall be equivalent or better than Sharp NEC 4P-B65EJ2U 65" Class commercial TV.
- g. Provide and install one 20x Optical zoom 60-degree horizontal field of view PTZ camera, including any necessary network processor/video endpoint/software and software licensing for the camera. Camera to be linked to microphones to track the active participant.
 - i. Conference camera shall be equivalent or better than QSC NC-20x60 20X optical zoom, 60 degree horizontal field of view.
- h. Provide and install 10 (ten) 6.5” two-way ceiling speakers including a network audio amplifier.
 - i. Ceiling speakers shall be equivalent or better than QSC AD-C6T-WH 6.5" two-way Ceiling Loudspeakers.
 - ii. Network Audio Amplifier shall be equivalent or better than QSC SPA-Q 60 x 4, 4-Channel, 60 Watt network audio amplifier.
- i. Provide and install all mounts, power conditioners cabling and accessories to create a fully functional Conference room Audio/Visual (A/V) solution.
 - i. A/V control shall be installed and mounted on the walls of the conference room.
 - 1. Controllers shall provide control capabilities for common AV functions including power, input switching, touchscreen capabilities and volume control.

- ii. Provide and install J-hooks, Pencil-rod (P-rod), and stringers (wire hangers) to support cabling.
- iii. All installed cable will maintain a minimum 12" clearance from florescent light fixtures, HVAC motorized controls, and all other electrical interference generating devices.
- iv. All wiring shall follow standard AV Rack wiring procedures, this included but not limited to: Lacing bars, cabling bundles accordingly to signal types, and other wire management hardware as necessary.
- v. All audio equipment input, and output wiring shall be configured as balanced, low impedance, and floating lines unless otherwise indicated.
- vi. All cable shielding shall be covered with shrink tubing.
- vii. Connections to terminal blocks shall be made using crimp type non insulated spade lugs of the proper size for the type and gauge of wire used. Wire lugs used for speaker level wiring shall be ring type and shall be insulated.
- viii. Label all permanently installed wires on both ends with approved permanent clip-on type or sleeve type markers. Wrap around adhesive labels will not be accepted unless completely covered with clear heat shrink tubing.
- ix. Provide and install a microphone set that can be used and passed around to individuals within the room.
- j. Indicate the pricing of all sub-contractor(s) work needed to install any of the work.
- k. Any requested equipment substitutes by the CONTRACTOR must be reviewed and approved by the department and meet or exceed the specifications of the items listed in the scope of work prior to bid submission. Upon approval, the County will issue an addendum to all potential bidders indicating the approved substituted material.
 - i. All requests for equipment substitutes must be received by the PCC no later than (One week prior to bid closing).
- l. Work under this Scope of Work includes the fabrication, and installation of the Audio-Visual Systems as describe herein to provide a complete and fully functional

system. Supply all labor, equipment, materials, cabling, hardware, tools, transportation services, coordination, etc., necessary to complete the installation of the Audio-Visual Systems, excluding items not in contract.

- m. Contractor will be responsible for the clean-up of the jobsite at the conclusion of the installation.

3.1 Demolition Portion

- a. CONTRACTOR shall be responsible for the removal of the projector located in the conference room's ceiling. The projector shall be set aside for continuous use elsewhere by the department.
- b. The COUNTY will be responsible for the removal of the whiteboard and projector screen prior to the date of installation.

4.1 Electrical Portion(s)

- a. All electrical work including but not limited to; installation of conduits, circuits, rerouting power, etc, as required for this project shall be conducted by the primary contractor or it's designated sub-contractor shall and hold a valid and current C-10 Electrical Contractor license.
 - i. Primary contractors must submit a copy of their or sub-contractors C-10 contractor's license along with their bid submission.
- b. Supplying of the power will be tied into existing electrical outlets in the conference room. The licensed Electrical contractor/sub-contractor will be required to re-route power from existing room receptacles to behind the equipment location(s) including the video wall and side wall displays.
- c. Contractors will not be required to access the electrical room as it has been determined that a dedicated circuit will not be required.
- d. Existing electrical is adequate for use of all equipment and no additional electrical work aside from the aforementioned work in 4.1.b.

5.1 System Use

- a. CONTRACTOR shall ensure all equipment and wiring are in good, working order for

including but not limited to; field calibration, condition, quality, functionality, audio/visual issues, polarity testing, tests, malfunctions, and performance checks. The COUNTY reserves the right to have functional and operational testing of all equipment and wiring conducted prior to the Final System Adjusting and Tuning as Preliminary Testing.

b. Final System Adjustment and Tuning

- i. CONTRACTOR shall also conduct a walk through with the RCDWR Project Manager and applicable personnel for any final adjusting and tuning as well as project acceptance.
- ii. CONTRACTOR shall also provide the department with a resource for operating the system and original manufacturer's operating and maintenance manuals for all equipment.
- iii. During this phase all final installation, adjustments and tuning shall be completed prior to moving on to system training.

6.1 Training

- a. System training shall be the sole responsibility of the CONTRACTOR. CONTRACTOR shall coordinate with the department and ensure at least one technician is available for no more than 4 hours on or around the installation completion date to train applicable department personnel on the system use.

7.1 Project acceptance

- a. Upon acceptance of Preliminary Testing, Final System Adjustment and Tuning and Training, the department will issue a Notice of Completion signed by COUNTY personnel will be submitted alongside the final invoice, authorizing final payment.

REVISED BID FORM

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The bidder, having carefully examined the proposed site and all of the Contract Documents, proposes and agrees to furnish all tools, equipment, services, apparatus, facilities, transportation, labor and materials necessary to complete the project as outlined in this RFB in strict conformity with all of the Contract Documents.

The bidder acknowledges receipt of the following addenda:

Addendum No. _____ Date: _____
Addendum No. _____ Date: _____
Addendum No. _____ Date: _____

Line Item	Description	Total Cost
1. Mobilization / Demobilization (If applicable)	Mobilization and Demobilization of material, equipment, and personnel.	
2. Equipment (Please include a detailed breakdown of pricing in your bid response)	As Per the specifications listed in Section 2.1 Updated Scope of Work Equipment of Attachment A-1 .	
3. Labor (Please include a detailed breakdown of pricing in your bid response)	Includes installation and labor service for all the equipment listed as well as prevailing wage requirements. <u>Bids MUST include a reference to these being subject to Prevailing Wage Requirements.</u>	
4. Other Material (Please list)		
5. Portion of the work for subcontractor(s) (if applicable)	Lump sum with description	
6. Other (Please describe Additional items such as training fees, additional bond fees, ETC))		

Base Bid (List sum of items)	
10% Project Contingency	
Total (Base Bid + Contingency)	

Basis of award shall be lowest responsive and responsible bidder of sum of base and additive alternates (excluding deductive alternates). Actual award will however be determined by the availability of funds.

The following percentage information must also be provided for the Base Bid (though it will not be used in awarding the contract):

Labor: _____% Materials: _____% Other: _____% All three must total 100%.

PAYMENT TERMS

Check one:

Lump sum payment at project completion

Progress payments (as stated in General Conditions)

If prompt payment discount offered (for example, 1% Net 15) please describe: _____

LIQUIDATED DAMAGES - It is agreed that time is of the essence for completion of this work. Therefore, the parties agree the awarded bidder (Contractor) shall pay to the County, as fixed and liquidated damages, and not as penalty, a dollar sum in the amount of \$0.00 per day for each calendar day beyond the allowed time stated in the Contract Documents after which the work is completed.

TIME FOR COMPLETION - The work shall be commenced on a date to be specified in a written order from the County and shall be completed within 15 business days following the date specified for the mutually agreed installation scheduling.

DESIGNATION OF SUBCONTRACTORS - In compliance with Section 4104 of the California Public Contract Code, the following is a complete list of each subcontractor who will perform work or labor or render service in or about the project in the amount in excess of ½ of 1% of the total bid. At a minimum, the primary contractor needs to do 90 % of the work.

<u>PORTION OF THE WORK</u>	<u>SUBCONTRACTOR</u>	<u>LICENSE TYPE AND NUMBER</u>	<u>D.I.R REGISTRATION NUMBER</u>	<u>AMOUNT OF WORK EXPRESSED AS %</u>

AWARD OF CONTRACT

The bidder understands that a contract is formed upon the acceptance of its bid by the County. The bidder

agrees it will promptly execute and deliver to County the Agreement together with the required Payment and Performance Bonds and insurance documents.

BID GUARANTEE – MUST BE SUBMITTED ALONGSIDE BID SUBMISSION

The enclosed certified or cashier’s check or bid bond on the provided form, made payable to the County in the amount of ten percent (10%) of the total bid, is hereby given as a guarantee that the bidder will execute and deliver the Agreement and required bonds if awarded the contract. In the event that the bidder fails or refuses to execute and deliver said documents, such check or bond is to be charged with the costs of the damages experienced by the County as a result of such failure or refusal.

Name of Bidder:

Type of Organization:

Signature:

Name and Title:

Address of Bidder:

Telephone No.:

Email:

Contractor’s License No.:

Classification:

Expires:

DIR Registration No.:

TO BE SUBMITTED WITH BID
NON-COLLUSION DECLARATION
(Public Contract Code Section 7106)

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder.

All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted its bid price of any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [State].

[Signature of Declarant]

[Printed Name of Person Signing]

[Name of Bidder]

[Office or Title]

BID BOND

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(Public Work – Public Contract Code Section 20129 (a))

WHEREAS, The undersigned _____ (“Principal”) is herewith submitting to the County of Riverside (“County”) a Bid dated _____ 2024, in the amount of _____ (\$ _____)

for the award by County to Principal of a contract (“Contract”) for the following: Conference Room Video Wall Project.

WHEREAS, Principal is obligated as a condition of said Bid to submit security pursuant to Public Contract Code Section 20129 (a) in the amount of ten percent (10%) of the Bid Amount, which security may be in the form of a Bid Bond issued by an admitted surety insurer pursuant to Code of Civil Procedure Section 995.120 (“Admitted Surety”);

NOW THEREFORE, the Principal and _____ (“Surety”), an Admitted Surety, are held and firmly bound unto the County in the penal sum of _____ (\$ _____) for the payment of which sum in lawful money of the United States, well and truly to be made, we, Principal and Surety, bind ourselves, our executors, administrators, successors, heirs and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that if Principal is awarded the Contract upon such Bid and thereafter within the period of time specified in County’s bidding documents governing the bidding process applicable to such Bid (“Bidding Documents”) enters into the Contract with County on the terms and conditions required by the Bidding Documents and furnishes the performance and payment bonds, evidence of insurance and other documents that Principal is required to submit under the terms of the Bidding Documents, then this obligation shall be null and void; otherwise, it shall remain in full force and effect and the sum guaranteed by this bond shall, at the option of County, be forfeited to County to pay all losses and damages suffered by County as a result thereof and permitted by applicable law, including, without limitation, the difference between the Bid Amount and amount for which the County may legally contract with another party to perform the Work (if such latter amount be greater than the Bid Amount), costs of publication, and all other losses and damages suffered by County (including, without limitation, those associated with delay to the Project); provided, however, that Surety’s liability shall not exceed the penal amount of this bond.

Surety, for value received, hereby agrees that no change, extension of time, alteration or addition to the terms of the Contract or the Bidding Documents, or to the work to be performed thereunder, nor any withdrawal of the Bid in a

manner not permitted by the requirements of the Bidding Documents shall in any way impair or affect Surety's obligation under this bond, and Surety does hereby waive notice of any such changes, extensions of time, alterations or additions.

BID BOND
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In the event any legal proceeding or arbitration is brought upon this bond by County and judgment or award is entered in favor of County as the prevailing party, Surety shall pay all costs and attorney's fees incurred by the County.

IN WITNESS WHEREOF the undersigned parties have executed this instrument under their several seals this day of _____, 2024, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Affix Seal if Corporation

(Firm Name – Principal)

(Business Address)

By _____
(Original Signature)

(Title)

(Corporation Name – Surety)

Affix Corporate Seal

(Business Address)

By _____
(Original Signature)
ATTORNEY-IN-FACT

Note: Notary acknowledgment for Surety's signature and Surety's Power of Attorney must be included or attached.

ADDITIONAL QUESTIONS AND ANSWERS AS OF 5/14/2024

1. Payment Method? (Lump Sum, Progress Payment, etc.)
 - a. Found in the original RFB and on page 9 of this addendum.
2. Insurance Requirements? (Commercial General Liability, Automobile, etc.)
 - a. These can be found here and will be requested upon award.
3. Do you require any Maintenance Services? (Preventive Maintenance, Remote Access Service, etc.)
 - a. No
4. Any warranty (equipment) requirement? (One year, Two years, etc.)
 - a. Standard Manufacturer Warranties
5. Any 24/7 phone support or on-site services required?
 - a. No
6. Does the control panel need to be wall-mounted or table top/handheld? Kindly advise.
 - a. Wall Mounted with the option to detach for portable control table.
7. Will the AV contractor be required to provide a dedicated electrical circuit?
 - a. No, we have determined existing power is adequate. Front and side wall outlets are on separate 20 Amp breakers.
8. If there is a need to have a dedicated electrical circuit for the videowall, how far is the main electrical panel from the room where the video wall will be installed?
 - a. Existing power is adequate. Front and side wall are on separate 20 amp breakers.
9. Who will be responsible for conduit and raceways for AV cabling? Will there be a need to run new conduits and raceways?
 - a. The CONTRACTOR will be responsible for any conduits pr raceways required in conformance with low voltage electrical codes.
10. You required a 2 x 2 Video Wall consisting of four thin bezel 65” commercial displays. Displays that are Video wall capable usually come in 55” display size. Are you open to 4 units 2x2 configured 55” display also?

- a. No. We require a 2 x 2 video wall with 130” diagonal measurement consisting of 65-inch ultra-thin bezel displays.
11. Will you also consider a direct view LED wall solution with a total size similar to a 2x2 Video Wall?
- a. The department will accept a 2x2 video wall at this time .
12. How many simultaneous sources do you require to be displayed on the video wall at the same time?
- a. One source. The video wall will be configured as a single display. Side wall TV will also display same image.
13. Will there be Owner furnished contractor installed equipment?
- a. We are only furnishing the existing PC to be tied in with the AV system. Contractor shall supply all additional equipment.
14. How far is it from the Video wall to the equipment rack location?
- a. From the center of the wall below the video wall location, up the wall, across the drop ceiling, and down the wall to the floor is 33 feet. Any signal cables of 50 feet will be adequate from the equipment rack to the video wall. From the equipment rack to the side wall display location is 41 feet up the wall across the ceiling and down the wall to the floor, so again, 50 feet is adequate for any required signal cables.
15. Will a new equipment rack be needed? Or do you have an existing equipment rack that can be reused?
- a. The existing equipment rack can be re-used. The equipment in it can all be removed, with the exception of the mini-PC which will integrated with the new AV system.
16. Who will provide wall backing support for the LED Walls. Are wall modifications part of the scope?
- a. The contractor will provide and support required for the video wall displays. At this time the department is not anticipating any wall modifications due to the displays only needed to be mounted to existing studs in the wall.
17. Will there be any Structural Engineers stamp or certification needed for this project? If there is, who will shoulder the cost?
- a. No, there will be no structural engineer stamps or certification required.
18. Is painting and patching part of the scope?
- a. No.

19. Do you require TAA Compliant products?
- a. No. We do not require TAA compliant products.
20. Do you have existing as-built drawings, single line drawings, schematic drawings, equipment layout and other drawings of the existing system that you can provide as a reference for this bid?
- a. No we do not have existing as-built drawings, single line drawings, schematic drawings, equipment layout and other drawings of the existing system
21. Is there an existing wireless network infrastructure like wireless access point that can be used by the AV system?
- a. Yes
22. Will network for AV part of the requirement or do you have an existing network and switches that the AV system can use?
- a. There are data ports behind the equipment rack to tie into the existing network, but a small switch may be required in the scope to provide wired connectivity to the other components in the AV system environment.