

Serving Jefferson County Since 1917

JEFFERSON COUNTY DEPARTMENT OF HEALTH

401 14th Street South, Birmingham, AL 35233
(205) 930-1961/Fax (205) 930-1060

Hazel Collins
Purchasing Agent

August 12, 2020
RFP #20-08-18
INVITATION TO BID

Sealed bids for an **Integrated AV System**, will be received by the Purchasing Agent, Jefferson County Department of Health, General Service Annex, 401 14th Street South, Birmingham, AL 35233, until 9:00 a.m., Wednesday, September 2, 2020, at which time and place they will be publicly opened and read.

Bidders wishing to bid can download the complete solicitation including the specifications and bid forms via the internet at www.jcdh.org (go to the **ABOUT** header and click on **BIDS**), or by visiting the Purchasing Office at the address shown above, or by calling (205) 930-1961, fax (205) 930-1060 and requesting a copy be mailed to you. Any addenda will be available on the internet. Bidder is responsible for checking for addenda until bid opening date. Addenda will be mailed only to those vendors who were provided a copy in person or by mail.

All bids must be submitted on Bid Form in a sealed envelope indicating **"SEALED BID – RFP #20-08-18 Integrated AV System"** with opening date and bid number printed on outside of envelope.

All bidders **must** complete and return the notarized State of Alabama disclosure form included in the bid package and the Addendum to Bid Agreement Contract; and **must** provide their E-verify number and a copy of their E-verify certificate and all other documents listed in the enclosure.

It is **required** for any contract/purchase exceeding \$10,000.00 that the bidder submits with their bid either certified check, a cashier's check or a bid bond payable to the Jefferson County Department of Health in the amount of \$500.00. In order for any bid award to be considered that exceeds \$10,000, it must be accompanied by an acceptable bid bond or check. Bid bonds will be returned to all unsuccessful bidders after the formal award is made and to the successful bidder after acceptance of the award. Should the successful bidder fail to accept the award, the bid bond or check shall be forfeited.

No bid may be withdrawn for a period of sixty (60) days after the date of the bid opening. Jefferson County Department of Health is exempt from all tax. This statement in no way is to be construed as relieving a seller or contractor from paying any tax assessed to him as a seller or contractor.

Jefferson County Department of Health (JCDH) expressly reserves the right to reject any or all bids, or parts of bids and to make the award all or none or per line item on the merit and/or feature of method and quality, delivery, and service availability as the best interest of the Jefferson County Department of Health appears.

Jefferson County Department of Health reserves the right to require documentation that each bidder is an established business and is abiding by the ordinances, regulations, and laws of their community and the State of Alabama. If you are required by any regulatory agency to maintain professional license or certification to provide any product and/or service solicited under this Invitation To Bid (RFP), the JCDH

reserves the right to require documentation of current license and/or certification before considering and awarding the bid.

COMMUNICATION DURING BID EVALUATION

There shall be no communication during the evaluation period between any vendor and JCDH agency requisitioning the good or service to be procured. Any communications, written, oral, or electronic between the vendor and the requisition agency must come through the Division of Purchasing Buyer administering the RFP.

QUESTION/INQUIRY

Telephone inquiries with questions regarding clarification of all specifications of the RFP will not be accepted. All questions concerning the bid product and/or service specifications must be e-mailed to Hazel Collins at hazel.collins@jcdh.org and Glenda Smith at glenda.smith@jcdh.org. Please reference the RFP number and Question/Inquiry in the e-mail subject.

LETTER OF NOTIFICATION

All bidders of this RFP are request to reply via email to notification of Intent indicating that they intend to submit a proposal. Only those bidders submitting the Notification of Intent will be advised of any clarifications, addendum, and answers to inquiries and/or questions pertaining to this RFP. The email of Notification of Intent can be emailed to Hazel Collins at hazel.collins@jcdh.org and glenda.smith@jcdh.org. Please reference the RFP number and Notification of Intent in the e-mail subject.

MANDATORY PRE-BID SITE-VISIT

Mandatory pre-bid site inspection will be held **Wednesday, August 26, 2020 at 9:00 a.m.** in the General Service Warehouse area located at 401 South 14th Street. Anyone who wishes to submit a bid **must attend**. The site survey will be conducted for all potential bidders and will be crucial to get a thorough understanding of the work to be performed. **Attendance will be mandatory. Due to COVID-19, all participants are REQUIRED to wear a face covering and practice social distancing.**

Hazel Collins
Hazel Collins, Purchasing Agent

HC/gs

BN: 08-16-20

Enclosures

SPECIFICATIONS

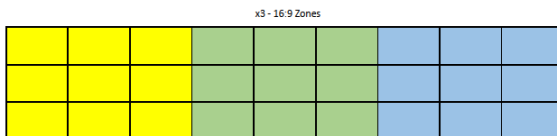
SCOPE OF WORK

The Jefferson County Department of Health (JCDH) is to establish a professional service contract with firm pricing for the purchase and implementation of the **Integrated AV System**. The purpose of this job is to provide a completely integrated AV system to distribute video and audio from owner-defined sources throughout the facility as described in accompanying plans and specifications. All equipment and cabling to be furnished and installed by the integrator unless noted otherwise herein to provide a complete system conforming to the requirements and reasonable intent of the plans and specifications.

GENERAL

The purpose of this project is to provide JDCH with a DVLED screen in the main lobby to display digital signage content created in-house across three zones of the screen. The screen's overall resolution shall be 3456 x 648 pixels and shall be divided into three equal 16:9 content zones each with a resolution of 1152 x 648. One Brightsign 4K media player will provide the content for the DVLED wall and the second will feed content to the other two 75" lobby displays. The lobby displays will also have local cable TV available as a second source. Flush ceiling mounted speakers will play programmed audio associated with the DVLED media content player.

Figure 1 – DVLED Content Zones



CONTROL

A touchpanel at the reception desk will have control capability over the video processor for the DVLED wall and the source switching for the two lobby displays, as well as channel selection for lobby cable TV. Volume control, mute buttons and channel selection shall be readily available from the touchscreen.

GUARANTEE

Bidder certifies by bidding that he is fully aware of the conditions of service and purpose for which item(s) included in this bid are to be purchased, and that their offering will meet these requirements of service and purpose to the satisfaction of the Jefferson County Department of Health and its Agent.

INCURRING COSTS

The Jefferson County Department of Health will not be liable for any costs incurred in preparing bid responses.

TERMS

The bid will be effective from **September 9, 2020 until September 10, 2021.**

TERMINATION

The bid may be terminated by JCDH with a thirty (30) day written notice of cancelation to the other party regardless of reason. Any violation of this agreement shall constitute a breach and default of this agreement. Such termination shall not relieve the contractor of any liability to JCDH for damages sustained by virtue of a breach by the contractor.

PRICE

Price will remain firm for the entire duration of the bid period. Price is to include **all** related fees. Invoice(s) must be itemized.

FREIGHT

Price includes transportation, fuel, handling, service, freight charges and deliveries/pick-up as specified and JCDH will pay no additional fees.

PRE-PAY

No pre-payments will be made prior to shipment.

COMMUNICATION DURING BID EVALUATION

There shall be no communication during the evaluation period between any vendor and JCDH agency requisitioning the good or service to be procured. Any communications, written, oral, or electronic between the vendor and the requisition agency must come through the Division of Purchasing Buyer administering the RFP.

AWARD

Award will be made in whole to the lowest responsible bidder provided the vendor meet all requirements and specifications required by the JCDH.

ADDITIONS TO CONTRACT

The County has attempted to list all of the **“Integrated AV System”** that will be required during the term of the contract. However, JCDH reserves the right to purchase additional quantities and/or related items from the successful bidder.

WARRANTY

The successful bidder must provide JCDH with Standard Manufacturer’s Warranty to cover service, materials and workmanship.

LAWS

The contractor shall comply with all laws, ordinances, codes, rules and regulations bearing on the conduct of the work including those of the Board of Fire Underwriters, and of Federal, State and local agencies having jurisdiction.

INSURANCE

Bidder shall furnish to the Board upon execution of this Agreement, a certificate of insurance as evidence of adequate professional and public liability insurance insuring vendor, the Board and Board's agents, servants and employees as additional insured. The insurance required shall be written for not less than the following limits, or greater if required by law:

a) Worker's Compensation

State	Statutory	
Applicable Federal	Statutory	
Employer's Liability	\$1,000,000.00	Per Accident
	\$1,000,000.00	Policy Limit
	\$1,000,000.00	Aggregate
<u>Bodily Injury</u>		
	\$1,000,000.00	Each Occurrence
	\$2,000,000.00	Aggregate
<u>Property Damage</u>		
	\$1,000,000.00	Each Occurrence
	\$2,000,000.00	Aggregate

- a) Commercial General Liability on an ISO Occurrence Form or equivalent (including Bodily Injury; Property Damage; Premises-Operations; Independent Contractors' Protective; Products and Completed Operations; Broad Form Property Damage):

<u>Bodily Injury</u>	\$1,000,000.00	Each Occurrence
	\$1,000,000.00	Aggregate
<u>Property Damage</u>		
	\$1,000,000.00	Each Occurrence
	\$2,000,000.00	Aggregate

Additional named insured: Jefferson County Department of Health.
Broad Form Property Damage shall include Completed Operations.

INSURANCE:

b) Contractual Liability

Bodily Injury

\$1,000,000.00	Each Occurrence
\$2,000,000.00	Aggregate

Property Damage

\$1,000,000.00	Each Occurrence
\$2,000,000.00	Aggregate

c) Personal Injury, with Employment Exclusion deleted

\$1,000,000.00	Each Occurrence
\$2,000,000.00	Aggregate

d) Business Auto Liability (including owned, non-owned and hired vehicles)

Bodily Injury

\$1,000,000.00	Each Occurrence
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Property Damage

\$1,000,000.00	Each Occurrence
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e) If the General Liability coverages are provided by a Commercial Liability policy, the:

General Aggregate shall not be less than \$2,000,000.00

Fire Liability Limit shall be not less than \$100,000.00 on any one fire.

Medical Expense Limit shall not be less than \$10,000.00 on any one person.

Furnish one copy of Certificates herein required for each copy of the Agreement, specifically set forth evidence of all coverage required. If this insurance is written on a Commercial General Liability policy form, ACORD forms 25S will be accepted. Furnish to the Owner copies of any endorsements that are subsequently issued amending coverage or limits.

SPECIFICATIONS (Cont'd)

UTILITIES

The Jefferson County Department of Health will provide contractor with all normal utilities such as electricity, lights, water, etc. necessary for performing this contract.

Bid proposals will be rejected if there is reason to believe that collusion exists among the bidders. No participants in such collusion will be considered in future proposals for the same work.

Bidder must have all necessary business licenses as required by the State of Alabama and Jefferson County. All items must conform strictly to the specifications and shall be subjected to evaluation upon acceptance. In the event that any item is deemed unacceptable or not in conformity with the specifications, items will be rejected and items of proper quality as set forth in these specifications shall be furnished in place thereof at the expense of the successful bidder.

LOCATION

Central Health Center / Guy Tate Building
1400 Sixth Avenue South
Birmingham, AL 35233

Failure to comply in accordance with the bid submitted, including promised delivery, will constitute sufficient grounds for cancelation of the order and contract at the option of JCDH.

Use of specific names and numbers is not intended to restrict the bidding of any seller and/or manufacturer, but is solely for the purpose of indicating the type, size and quality, material, service, or equipment considered best adapted to the JCDH's intended use.

No bidder shall be allowed to offer more than one price on each line item. If said bidder should submit more than one price per line item then ALL prices for that line item shall be rejected.

SPECIFICATIONS (Cont'd)

1.1 RELATED DOCUMENTS

- A. Associated drawings and details on the AVX.XX series drawings and this specification describe the work required for the audio-visual system.

1.2 DESCRIPTION OF WORK

- A. Provide a completely integrated AV system to distribute video and audio from owner-defined sources throughout the facility as described in accompanying plans and specifications. All equipment and cabling to be furnished and installed by the integrator unless noted otherwise herein to provide a complete system conforming to the requirements and reasonable intent of the plans and specifications.

1.3 SUBMITTALS

- A. Schedule of submittals
- B. Shop Drawings - Single Line Audio Video Connection
- C. Coordination Drawings
- D. Rigging and Mounting Details
- E. Signed and Sealed Drawings
- F. Custom Plates and Panels
- G. Labeling
- H. Manuals
- I. Warranty Information
- J. Closeout Documents
- K. Training Materials

SPECIFICATIONS (Cont'd)

1.4 QUALIFICATIONS

- A. Shall be regularly engaged in providing audio and video equipment of the size, scope and quality specified.
- B. Has completed at least two (2) projects in the last two years of the same complexity and dollar value.
- C. Employs full-time qualified electronic technicians, trained in the installation, setup and programming of audio video systems of the type specified.
- D. The AV Integrator must have a fully staffed, currently occupied and fully operational facility. (i.e. A warehouse to store equipment does not qualify as a fully operational facility)
- E. Shall have at least one (1) InfoComm certified CTS-D AND one (1) CTS-I in the State of Alabama, or equivalent measured by the opinion of owner, and MUST PROVIDE A COPY OF CERTIFICATES WITH THE BID.
- F. The AV Integrator must possess a General Contractor's license to operate in the State of Alabama and must provide a copy of the license with the bid.
- G. Employs at least one full-time Crestron programmer.

1.5 SUPPORT REQUIREMENTS

- A. Shall include product manufacturer management, a toll-free line between the weekday hours of 8AM – 6PM CST, maximum of 2-Hour call back time.
- B. Advanced Replacements Parts: If a component or system is diagnosed as faulty, AV Integrator will advance ship a replacement part directly to the customer's location. Parts must be shipped same day for next day delivery via priority overnight.
- C. Maintenance Agreement: AV Integrator must provide copy of their maintenance agreement with bid.

SPECIFICATIONS (Cont'd)

PART 2 - PRODUCTS

2.1 MATERIALS AND SUBSTITUTIONS

- A. All materials shall be new, with U.L. label where available. If U.L. is not available, material shall be manufactured in accordance with NEMA, IEEE and Federal Standards.
- B. Drawings are diagrammatic and are not intended to show all components of all systems. Furnish additional materials required for a complete system. Where systems are approved for bidding by request for substitution, include all additional materials required for a complete system due to differences in system configuration from that of the original systems design.
- C. Equipment manufacturers and model numbers where mentioned within this specification are to establish the design level of quality and design criteria and should not be construed as limited proposals. The following manufacturers are approved for DVLED wall (only) equipment substitutions if the substitution meets or exceeds the specifications contained in this specification:
 - 1. LG
 - 2. Nanolumens
- D. Substitutions are to be submitted to owner for pre-approval at least 72 hours before proposal is due for review and acceptance. Email substitution requests to Hazel Collins, Purchasing Agent at hazel.collins@jcdh.org
- E. Furnish options and additional equipment as required to form a complete system.
- F. All cabling not in conduit shall be plenum rated cabling and shall meet or exceed the performance specifications set forth by the chosen equipment manufacturer(s).

2.2 DVLED Wall System, Main Reception Lobby

- A. AUDIO EQUIPMENT BASIS FOR DESIGN:
 - 1. Speakers
 - a. Tannoy CMS803-BM
 - 2. Amplifiers:
 - a. JBL CSA2120Z
 - 3. Digital Signal Processing:
 - a. BIAMP Nexia CS 10 x 6

SPECIFICATIONS (Cont'd)

B. VIDEO and CONTROL EQUIPMENT BASIS FOR DESIGN

1. Wall Display Monitors and Mounts, Basis for Design: **Note1: *The maximum protruding depth of this display and mount from the wall shall not exceed 4 inches***
 - a. 75" 350 max cd/m² 4KUHD Direct Lit LED w/RS-232 Control NEC C751Q (DISP-1 and DISP-2)
 - b. Mount - Chief XSM-1U or equivalent to meet ADA standard
2. Direct View LED Wall, Basis for Design:
 - a. Cabinets – 600 Nits, Planar TVF 1.5 9W x 3H configuration, 27 total; energy usage: 4940 watts max, heat load at Display 16583 BTU max,
 - b. Dimensions in feet - 17.86 W x 3.37H x 0.24 D **NOTE2:** any substitute shall be at smaller than the stated dimensions.
 - c. Resolution 3456 x 648 **NOTE3:** any substitute shall meet or exceed the stated dimensions.
 - d. Video Processor: Planar Clarity Z6 Controller
 - e. DVLED wall surge protection - Furman AC-125A Qty. 4
 - f. Accessory back box – Chief PAC525 Qty. 4 – Provided by Owner.
 - g. Power plugs – 20A VAC x 4 Provided by owner.
3. Network Video Encoder/Decoders:
 - a. 4K60 4:4:4 HDR Network AV Encoder – Crestron DM-DVX-350 (ENCODER -1 and ENCODER-2)
 - b. 4K60 4:4:4 HDR Network AV Decoder – Crestron DM-NVX-350 (DECODER-1 and DECODER-2)
4. Digital Signage Media Content Players
 - a. 4k@60p, H.265/H.264 Codecs, RS-232, Brightsign XT1144 (Brightsign-1 and Brightsign-2)

C. CENTRAL RACKING, POWER AND CONTROL

1. Control Processor and Touchscreen
 - a. Control Processor – Crestron RMC3 (CONT-1)
 - b. 7" Touchscreen panel – Crestron TSW-760-B-S (TP-1) located at reception desk
 - c. Tabletop kit for touchscreen – Crestron TSW-760-TTK-B-S
2. Network Switch
 - a. Extreme X440-G2-12P-10GE4 (PoE LAN SW-1)
 - b. Power Conditioner Juice Goose model SCV-20001 with SCV-SNMP
3. Rack – Use existing AV rack - field verify.

SPECIFICATIONS

PART 3 - EXECUTION

3.1 PREPARATION

- A. Coordinate layout and installation of projection screen with ceiling and related components penetrating or above ceilings such as lighting fixtures, mechanical equipment, ductwork, and fire-suppression system.
- B. Coordinate location, size, and routing for all required conduit raceways with associated contractors prior to installation.
- C. Obtain permits as required by the city's building and engineering department.

3.2 INSTALLATION

- A. All materials, equipment and installation methods shall conform to the National Electrical Code.
- B. Install all components per manufacturer's specifications and instructions.
- C. All concealed wiring shall be in conduit or raceways. Wiring may be run w/o conduit where above accessible ceiling. Separate wiring by function.
- D. Furnish terminal strips, punch blocks, or connectors for all interconnections. All wiring shall be neatly laced, labeled, and terminated with T & B "stakon" or equal connectors.
 - 1. Work under this Division shall be first class with emphasis in neatness and workmanship
 - 2. Control System Programming: Provide all setup and programming to make control system fully functional from user interface stations. Provide all necessary interface devices, firmware, and software for a fully functioning system.

3.3 INSTALLATION TESTING

- A. Furnish appropriate test equipment and perform the following tests:
 - 1. Functional tests of all equipment and components, video and audio switching.
 - 2. Final system test and equalization.
 - 3. Balancing of audio SPL for even distribution within a given zone

SPECIFICATIONS

- B. Demonstrate operation of system to Owner's designated representatives. Particular attention should be devoted to the operation of the touchscreen interface. Integrator should provide a control screen plan and flowchart prior to execution.

3.4 WARRANTY

- A. The Contractor shall warrant the systems and all components for a period of one year. Warranty period begins at the date of Owner acceptance.

3.5 OWNER-PERSONNEL TRAINING

- A. The Contractor shall provide training for Owner-designated Personnel upon completion of all testing and equalization. Contractor shall provide up to eight (8) hours of instruction in the operation of the system.
- B. Provide the Owner with notebook(s) with operation instructions and manuals for all components of the system. In addition, the Contractor shall provide written simplified operating instructions for the systems. Ref 3.2.B above.
- C. Provide Owner copies of all installation and engineering drawings in a notebook with the Operating instructions.

PART 4: EXHIBITS ENCLOSED: JCDH VIDEO WALL ELEVATION JCDH VIDEO FUNCTIONAL

BID FORM FOR BID #20-08-18
DUE: Wednesday, September 2, 2020
TIME: 9:00 a.m.

Hazel Collins
Purchasing Agent
Jefferson County Department of Health
General Services Annex Building
401 14th Street South
Birmingham, AL 35233

Submitted below is my firm bid for Integrated AV System Solution for GMT Building in accordance with your RFP # 20-08-18.

PRICING

DESCRIPTION	1 LOT
Integrated AV System Solution as specified	

Name of Company _____

Please enclose your business card with your bid.

Bidder acknowledges receipt of _____ addenda. This page must be returned with bid.
(addenda numbers)

Date of Bid

Name (print legibly or type)

Company

Title

Street Address

Signature

City State Zip

Tax ID Number

Post Office Box (Zip if different from street address)

E-mail Address

Telephone Number

Fax Number

Terms of Payment

Delivery Date

Alabama Law (Section 41-4-116, Code of Alabama 1975) provides that every bid submitted and contract executed shall contain a certification that the vendor, contractor, and all of its affiliates that make sales for delivery into Alabama, or leases for use in Alabama, are registered, collecting, and remitting Alabama state and local sales, use, and/or lease tax on all taxable sales and leases into Alabama.

BY SUBMITTING THIS BID, THE BIDDER IS HEREBY CERTIFYING THAT THEY ARE IN FULL COMPLIANCE WITH ACT NO. 2006-557, THEY ARE NOT BARRED FROM BIDDING OR ENTERING INTO A CONTRACT PURSUANT TO 41-4-116, AND ACKNOWLEDGE THAT THE AWARDING AUTHORITY MAY DECLARE THE CONTRACT VOID IF THE CERTIFICATION IS FALSE.