



*Serving Jefferson County Since 1917*

## JEFFERSON COUNTY DEPARTMENT OF HEALTH

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

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**Hazel Collins**  
**Purchasing Agent**

**March 12, 2020**  
**BID #20-02-09**  
**INVITATION TO BID**

Sealed bids for **Audio Video Systems**, will be received by the Purchasing Agent, Jefferson County Department of Health, General Service Annex, 401 14<sup>th</sup> Street South, Birmingham, AL 35233, until 10:00 a.m., Friday, March 6, 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](http://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 – Bid #20-02-09 Audio Video Systems”** 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No bid may be withdrawn for a period of sixty (60) days after the date of the bid opening.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 (ITB), 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 ITB.

**QUESTION/INQUIRY**

Telephone inquiries with questions regarding clarification of all specifications of the ITB will not be accepted. All questions concerning the bid product and/or service specifications must be e-mailed to Glenda Smith at [glenda.smith@jcdh.org](mailto:glenda.smith@jcdh.org). Please reference the ITB number and Question/Inquiry in the e-mail subject.

**LETTER OF NOTIFICATION**

All bidders of this ITB 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 ITB. The email of Notification of Intent can be emailed to [glenda.smith@jcdh.org](mailto:glenda.smith@jcdh.org). Please reference the ITB number and Notification of Intent in the e-mail subject.

**SITE-VISIT**

All potential bidders may attend the site visit to enhance the bidder’s knowledge of a thorough understanding of the scope of work to be performed. **Contact Jackie Henderson, Facilities Manager (205) 369-5533** to schedule the site visit only. Bidder will be responsible to thoroughly examine the site and to familiarize themselves with the existing conditions. By submitting, Bidder agrees that it has examined the site, specifications, plans and contract and accepts without recourse, all site conditions.

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Hazel Collins, Purchasing Agent

HC/gs

BN: 02-19-20

Enclosures

## **SPECIFICATIONS**

### **GENERAL**

The Jefferson County Department of Health (JCDH) is to establish a professional service contract with firm pricing for the purchase and implementation of the **Audio Video Systems**. This system will 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 contractor; unless noted otherwise herein, to provide a complete system conforming to the requirements and reasonable intent of the plans and specifications. The associated drawings and details on the audio video series drawings and this specification describe the work required for the audio-visual system.

### **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 **March 9, 2020 until March 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 ITB.

## SPECIFICATIONS (Cont'd)

### **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 “**Audio Video Systems**” 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
<b><u>Bodily Injury</u></b>		
	\$1,000,000.00	Each Occurrence
	\$2,000,000.00	Aggregate
<b><u>Property Damage</u></b>		
	\$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):

## SPECIFICATIONS (Cont'd)

### INSURANCE:

#### Bodily Injury

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

#### Property Damage

\$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.

#### **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 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. The AV Integrator shall possess and provide all necessary local and state licensing certificates and applicable insurance coverage.
- 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.

### 1.2 SUPPORT REQUIREMENTS

- A. Shall include product manufacturer management, a dedicated 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. Entitlement to the latest software updates must be included at no cost under a 1-year Support Agreement. Software Update: AV Integrator will send e-mail notification to the contact at the Jefferson County Department of Health when a software update has been released. AV Integrator must provide remote assistance with uploading software. AV Integrator will supply user-requested changes in control programming for one year at no additional cost.
- D. **Maintenance Agreement: AV Integrator must provide copy of their maintenance agreement with bid.**

## SPECIFICATIONS (Cont'd)

### 1.3 PRODUCTS - MATERIALS AND SUBSTITUTIONS

- A. All materials shall be new, with clearly visible U.L. label. 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.
- D. Substitutions not pre-approved herein are to be submitted to the Purchasing Agent 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](mailto: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). All cabling that penetrates a bulkhead or metal plate shall be sleeved with EMT and fire caulked where firewalls are penetrated.

### 1.4 CONFERENCE ROOMS A AND B: ***Alternate 1 – NOTE: This alternate should be broken out separately from the base bid, Refer to AV Speakers and components on AV7.2. See drawings for quantities.***

- 1. Speakers (SPK-1) – Biamp/Community D4
- 2. DSP (DSP 01-X)– Biamp TesiraForte AVB VT
- 3. Microphones (CMIC-X) - Biamp TCM-X with TMC-XEX expansion mics and network box (MICN-1)
- 4. Amplifiers (AMP 01-01) – Tesira AMP-A460H
- 5. Camera – (CAM) – Acceptable Product shall contain:
  - a. PTZ capable
  - b. 1/2.8" CMOS sensor 1920 x 1080p resolution 2.07 megapixel at 60fps.
  - c. Support H.264/H.265 video compression
  - d. USB2.0 interface
  - e. Optical zoom f = 3.1~15.5mm
  - f. Ceiling Mounting bracket
  - g. RS-232 control interface
- 6. USB interface and control (USB EXT)
  - a. Crestron USB-EXT-2-LOCAL
  - b. Crestron USB-EXT-2-REMOTE



## SPECIFICATIONS

### 1.5 CONFERENCE ROOMS A AND B: **BASE BID – Video and Other Equipment, Base Bid Ref. AV7.1**

1. Video Displays and mount
  - a. 86" 4K Display (MON) LG 86UT640S
  - b. 75" 4K Display (MON) LG 75UT640s
  - c. Chief XSM-01
  
2. Digital Media input and distribution
  - a. Connection plates (CP-01-xx) – Crestron DM-TX-4K-200-C-2G
  - b. Central switcher and controller (SWI-001) – Crestron DMPS3-4K-350-C-AirMedia
  - c. Distribution - (DMDA-X) Crestron DM-DA4-4K-C
  - d. DM Receiver/scaler/controller (REC-01-01) Crestron DM-RMC-SCALER-C
  - e. Wireless Collaboration (AM-1) Crestron AirMedia AM-200
  - f. Power Supply – Crestron PW-5430-DUS
  - g. Touchpanel controller (TCP-01-01) Crestron TSW-760-x-S
  
3. Network Switch:
  - a. Extreme (NSW-1) x440-G2-12p-10GE4
  
4. Lutron Lighting Control – NOTE: Devices and installation will be provided by the owner. AV contractor should be prepared to program and recall the lighting scenes with the Crestron touchpanel in either separate or combined mode. OFE Lutron Equipment list provided below. Reference Sheet E1.3 for connection diagram.
  - a. Power pack GRX-12VDC
  - b. Partition Sensor GRX-IRPS-WH
  - c. QS Contact closure I/O QSE-IO
  - d. Ten Volt interface 100-277V - GRX-TVI
  - e. Three zone wireless Graphic Eye QSGRJ-3P-WH
  - f. Ceiling Occupancy Sensor LRF2-OCR2B-P-WH
  - g. Emergency lighting interface LUT-ELI-3PH
  - h. Network Interface QSE-CI-NWK-E
  
5. CENTRAL RACKING, POWER AND CONTROL
  - a. AV Rack – Snap AV Strong SR-WMS-24U
  - b. Power strip – Middle Atlantic PD-915RV-RN
  - c. Juice Goose double conversion power conditioner – SVC-20001
  - d. Juice Goose network card option – SVC-SNMP

## SPECIFICATIONS (Cont'd)

### 1.6 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. **UI (User Interface) programming final test and optimization. Screen shots and work flow will be discussed and agreed upon prior to programming.**
  - 3. Final system test and equalization.
  - 4. Balancing of audio SPL for even distribution within a given zone
- B. Demonstrate operation of system to Owner's designated representatives.

### 1.7 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.

### 1.8 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.
- C. Provide Owner copies of all installation and engineering drawings in a notebook with the Operating instructions

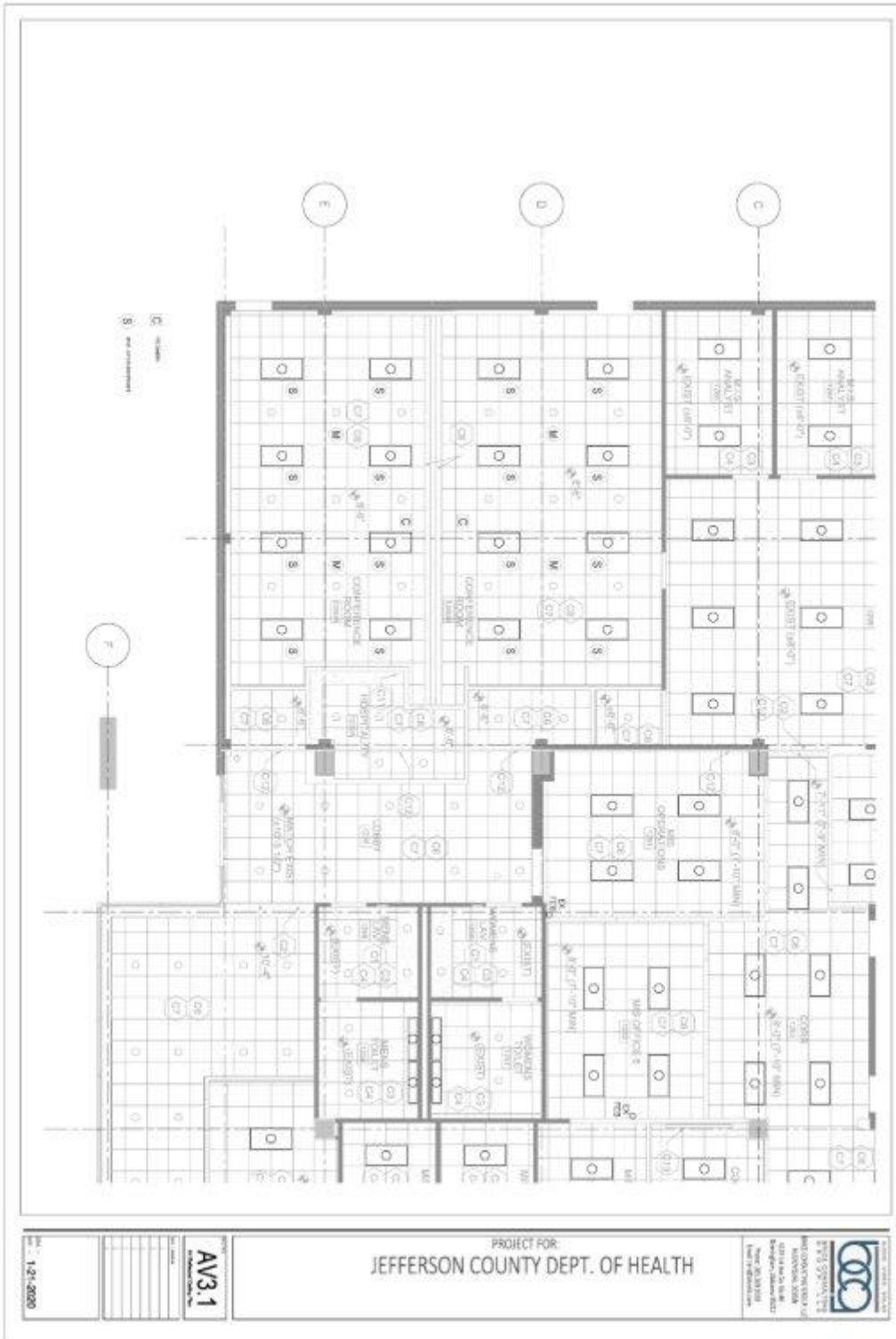
### 1.9 SUBMITTALS/COMPLETION

- A. Schedule of submittals
- B. Shop Drawings - Single Line Audio Video Connection As-Builts
- C. Manufacturer's Equipment Cut Sheets
- D. Warranty Information
- E. Closeout Documents

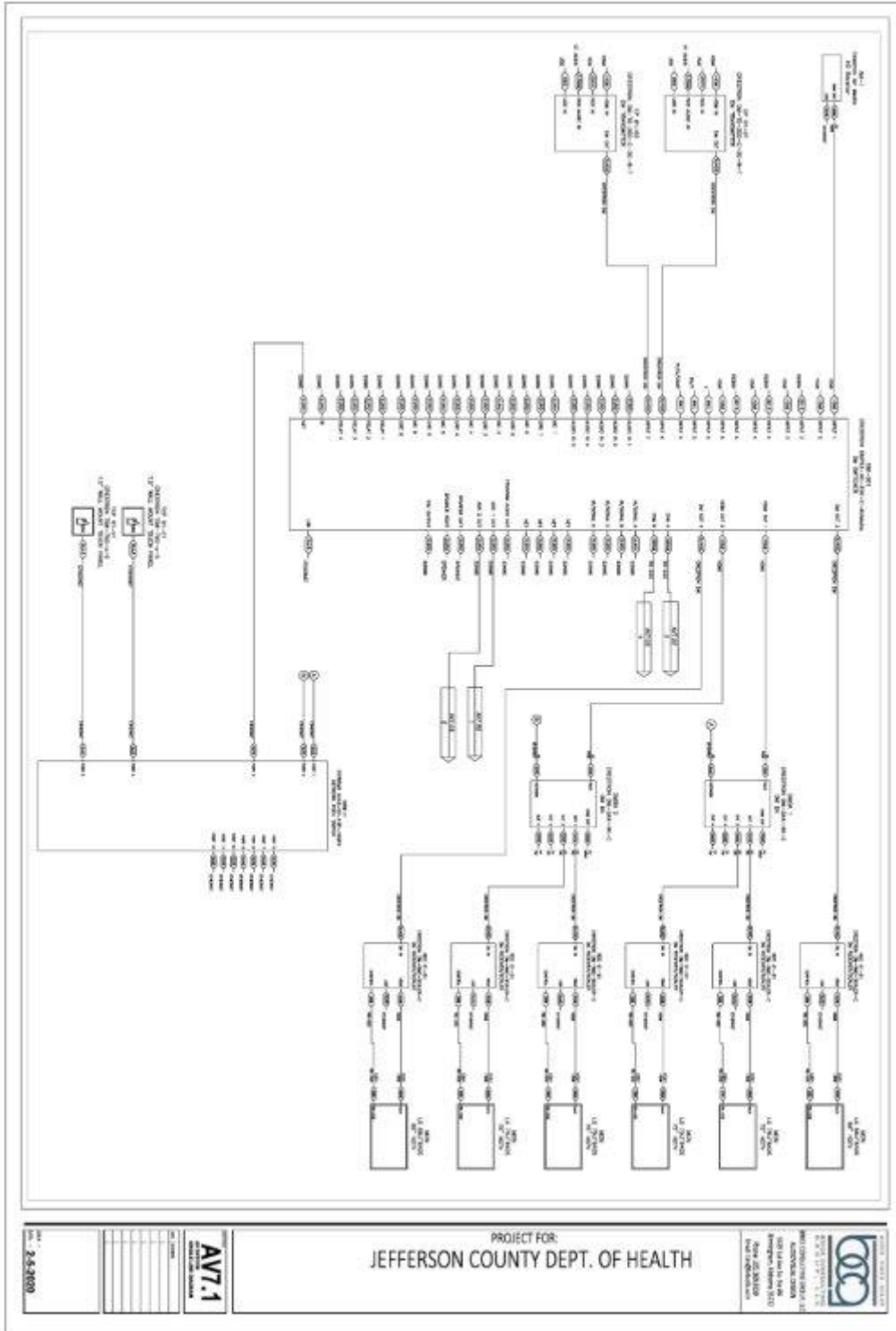
Estimated time to complete implementation said project \_\_\_\_\_. (Completed by Vendor)



# EXHIBIT 2



# EXHIBIT 3





**BID FORM FOR BID #20-02-09**  
**DUE: Friday, March 6, 2020**  
**TIME: 10:00 a.m.**

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

Submitted below is my firm bid for specified cooling towers for GMT Building in accordance with your ITB # 20-02-09.

**ITEM 1: Alternate 1 – NOTE: This alternate should be broken out separately from the base bid, Refer to AV Speakers and components on AV7.2. See drawings for quantities. To include the following:**

1. Speakers (SPK-1) – Biamp/Community D4
2. DSP (DSP 01-X)– Biamp TesiraForte AVB VT
3. Microphones (CMIC-X) - Biamp TCM-X with TMC-XEX expansion mics and network box (MICN-1)
4. Amplifiers (AMP 01-01) – Tesira AMP-A460H
5. Camera – (CAM) – Acceptable Product shall contain:
  - a. PTZ capable
  - b. 1/2.8" CMOS sensor 1920 x 1080p resolution 2.07 megapixel at 60fps.
  - c. Support H.264/H.265 video compression
  - d. USB2.0 interface
  - e. Optical zoom f = 3.1~15.5mm
  - f. Ceiling Mounting bracket
  - g. RS-232 control interface
6. USB interface and control (USB EXT)
  - a. Crestron USB-EXT-2-LOCAL
  - b. Crestron USB-EXT-2-REMOTE

**1 LOT @ \$ \_\_\_\_\_ TOTAL**

**Name of Company \_\_\_\_\_**

**BID FORM (CONT'D) FOR BID #20-02-09**  
**DUE: Friday, March 6, 2020**  
**TIME: 10:00 a.m.**

**ITEM 2: BASE BID – Video and Other Equipment, Base Bid Ref. AV7.1 to include the following:**

1. Video Displays and mount
  - a. 86" 4K Display (MON) LG 86UT640S
  - b. 75" 4K Display (MON) LG 75UT640s
  - c. Chief XSM-01
  
2. Digital Media input and distribution
  - a. Connection plates (CP-01-xx) – Crestron DM-TX-4K-200-C-2G
  - b. Central switcher and controller (SWI-001) – Crestron DMPS3-4K-350-C-AirMedia
  - c. Distribution - (DMDA-X) Crestron DM-DA4-4K-C
  - d. DM Receiver/scaler/controller (REC-01-01) Crestron DM-RMC-SCALER-C
  - e. Wireless Collaboration (AM-1) Crestron AirMedia AM-200
  - f. Power Supply – Crestron PW-5430-DUS
  - g. Touchpanel controller (TCP-01-01) Crestron TSW-760-x-S
  
3. Network Switch:
  - a. Extreme (NSW-1) x440-G2-12p-10GE4
  
4. Lutron Lighting Control – ***NOTE: Devices and installation will be provided by the owner. AV contractor should be prepared to program and recall the lighting scenes with the Crestron touchpanel in either separate or combined mode. OFE Lutron Equipment list provided below. Reference Sheet E1.3 for connection diagram.***
  - a. Power pack GRX-12VDC
  - b. Partition Sensor GRX-IRPS-WH
  - c. QS Contact closure I/O QSE-IO
  - d. Ten Volt interface 100-277V - GRX-TVI
  - e. Three zone wireless Graphic Eye QSGRJ-3P-WH
  - f. Ceiling Occupancy Sensor LRF2-OCR2B-P-WH
  - g. Emergency lighting interface LUT-ELI-3PH
  - h. Network Interface QSE-CI-NWK-E
  
5. CENTRAL RACKING, POWER AND CONTROL
  - a. AV Rack – Snap AV Strong SR-WMS-24U
  - b. Power strip – Middle Atlantic PD-915RV-RN
  - c. Juice Goose double conversion power conditioner – SVC-20001
  - d. Juice Goose network card option – SVC-SNMP

**1 LOT @ \$ \_\_\_\_\_ TOTAL**

**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

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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 AWARING AUTHORITY MAY DECLARE THE CONTRACT VOID IF THE CERTIFICATION IS FALSE.**