

County of Jackson

REQUEST FOR PROPOSAL

Jackson County EOC Center Audio Visual (AV) systems

By: Lyn Medinger
104 S. Niagara Street
Maquoketa, Iowa 52060
lmedinger@jacksoncounty.iowa.gov

Due Monday, May 8, 2024 at 10:00 A.M.

NOTICE INVITING REQUEST FOR PROPOSALS (RFP)

County of Jackson

April 17, 2024

TO: ALL INTERESTED PARTIES

SUBJECT: NOTICE INVITING REQUESTS FOR PROPOSALS (RFP) TO
PROVIDE

Jackson County EOC Center Audio Visual (AV) systems

NOTICE IS HEREBY GIVEN that the County of Jackson, Iowa invites your response to the attached Request for Proposal (RFP) to provide Jackson County EOC Center Audio Visual (AV) systems

THE DEADLINE TO SUBMIT PROPOSALS IN RESPONSE TO THIS RFP IS

Wednesday, May 8, 2024 AT 10:00 A.M.

PROPOSALS MAY BE DELIVERED TO THE JACKSON COUNTY
EMERGENCY MANAGEMENT AGENCY

Jackson County EMA
Attention: Lyn Medinger
104 S. Niagara
Maquoketa, Iowa 52060

Any proposal received after the time and date specified will not be considered since it will not meet the requirements of the RFP. A POSTMARK WILL NOT BE ACCEPTED AS MEETING THE DELIVERY TIME IF RECEIVED AFTER THE DEADLINE.

Important: The Original Copy of the Proposal must be submitted sealed and marked. The Proposer should retain a duplicate copy. Fax copies will not be accepted. Incomplete or late proposals will be considered non-responsive and will not be reviewed. Each proposal must be complete when submitted. No changes,

modifications, corrections or additions may be made to the proposal once it is received by the Jackson County Emergency Management.

Please quote hereon in the space provided your lowest price for the Jackson County EOC Center Audio Visual (AV) systems per the specifications of this Request for Proposal. The price shall include all services, labor, material, equipment, Installation and shipping to County of Jackson 1700 East Maple Street, Maquoketa, Iowa 52060. Performance of all operations in connection with the work necessary for the completed project. The County of Jackson reserves the right to accept or reject any and all proposals, on each item separately or as a whole, to waive any informalities in any proposal and select the one that best meets

Lyn Medinger, Director
Jackson County Emergency Management

Posted: April 17, 2024

REQUEST FOR PROPOSAL

Jackson County EOC Center Audio Visual (AV) systems

Issuing Offices:

Jackson County Emergency Management Agency
c/o Lyn Medinger
104 S. Niagara Street
Maquoketa, Iowa 52060

Date: April 17, 2024

AUDIO-VIDEO SYSTEMS

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Requirements for the Jackson County EOC Center Audio Visual (AV) systems in the Emergency Operations Center and Small Conference Rooms. The work covered under this Section consists of furnishing all labor, material, and services to install complete audiovisual systems based on the consultant's drawings and recommended acceptable equipment list.
- B. Clarification of Audio Visual System Installation work responsibilities is noted in Appendix A
- C. The acceptable or equivalent audio-video equipment list is noted in Appendix B.
- D. Federal Guidelines Scope of Services in Appendix C.
- E. Building layout in Appendix D.

1.2 RELATED SECTIONS

- A. Drawings and general provisions of the Contract, including all requirements and instructions listed in the "Instructions to Bidders," General and Supplementary Conditions, and Division One (1) Specifications, apply to work specified in this section.

1.3 ALTERNATES/ALTERNATIVES

- A. All related electrical work by the project Electrical Contractor, as defined herein and/or on the drawings, shall be a portion of the building electrical Base Bid, and shall not include any work by the Audio Video Integrator.
- B. The Audio Video Consultant has made every effort in providing an accurate equipment list. It will be the responsibility of the AV Integrator to provide a complete working system based on the design intent. Products included in the suggested list have been designed to integrate with the building design, electrical infrastructure, telecommunication infrastructure, and design intent by the owner. Equipment manufacture substitutions will only be allowed if the AV integrator can document with the bid submission the alternate equipment meets the same design requirements specified.

1.4 REFERENCES

- A. InfoComm International and Building Industry Consulting Service International (BiCSI), "AV Design Reference Manual."

- B. InfoComm International, "Basics of Audio and Visual Systems Design", Revised Edition.
- C. Building Industry Consulting Service International (BiCSi), "Telecommunications Distributions Methods Manual" (TDMM), 11th Edition.
- D. Telecommunications Industry Association/Electronic Industries Alliance (TIA/EIA), "TIA/EIA Wiring Standards" (Includes TIA/EIA-568-1, TIA/EIA-568-2, TIA/EIA-568-3, TIA-569, TIA-570, TIA-598, TIA/EIA-606, J-STD-607, TIA-758, 526-7 & TIA-526-14).
- E. National Fire Protection Agency (NFPA) 70, "National Electric Code 2005" F McGraw Hill, "Architectural Acoustics", M. David Egan.
- F. McGraw Hill, "Master handbook of Acoustics", 4th Ed., F. Alton Everest. Focal Press, "Audio Systems Design and Installation", Philip Giddings I Focal Press, "Sound System Engineering", 3rd Ed., Don Davis & Eugene Patronis, Jr.

1.5 DEFINITIONS

- A. The term "OFE" shall refer to "Owner Furnished Equipment" which will be provided by the Owner to the Installer. This equipment will be integrated as required.
- B. The term "shall" is mandatory; the term "will" is informative; the term "should" is advisory; and the term "provide" means furnish and install.
- C. The term "AV Integrator" refers to the successful Audio Visual Contractor.
- D. The term "Installer" refers to the successful Audio Video Contractor.
- E. The term "Owner" refers to the Jackson County Emergency Management.

1.6 SUMMARY

- A. Jackson County Emergency Management, further referred to as the Owner, is requesting a quote to install an audio-visual system for the Emergency Operations Center and Small Conference Rooms, with simple system functionality and operation. These specifications and the associated TA-series drawings describe the architecturally integrated Audio-Video equipment (AV Systems) to be installed. The work is to include:
1. The installation of new audio and video components including, but not limited to source equipment, loudspeakers, loudspeaker amplifiers, equipment rack(s), wireless microphone systems, projectors, screens, control system, and touch panels.
 2. The system tuning and setup of all components to deliver optimum performance for a live meeting.
 3. The training of Owner identified staff upon completion for all system components.

1.7 QUOTES

- A. All Quotes shall include a detailed construction schedule indicating major milestones for each phase of the project, including but not limited to, all pre-construction submittal submissions, installation work, project and system tuning, commissioning, project wrap-up and training.
- B. All Quotes shall include reference contact information from previous work history indicative of at least 3 previous projects similar in scope and size in the last 2 years and federally funded EOC Center Audio Visual (AV) systems in the last 10 years.**
- C. All questions about the meaning or intent of the Proposal document shall be directed to Lyn Medinger at lmedinger@jacksoncounty.iowa.gov. All questions need to be addressed to Lyn Medinger on or before May 1, 2024 @ 1700hrs.
- D. Preference given to vendors who have experience with projects with federal funding requirements.
- E. The proposal award shall be based on, but not necessarily limited to, the following factors:
1. Total price. (10 Points)
 2. Counties evaluation of the vendor's product, the standard features, optional features, and the ability to provide the device in a timely manner. (25 Points)
 3. Special needs and requirements of the County. (10 Points)
 4. Vendor's past performance and experience with other Governmental Agencies with References. (10 Points)
 5. EOC Center Audio Visual (AV) systems in the Emergency Operations Center and Small Conference Rooms completed with-in 100-mile radius in 10 years. (20 points)
 6. Experience with other Federally Funded projects completed in the State of Iowa (25 points)
- F. Quotes shall be submitted as two (2) separate prices as follows:
1. Complete Audio-Video system as described in this specification and Appendices A and B
 2. Pricing for Warranty Extensions
- G. Proposals will be opened and evaluated by the Jackson County Emergency Management Agency after the date and time set for receipt. Once a proposal has been submitted, it will not be returned. All responses to this RFP will become the property of the Jackson County Emergency Management Agency.
- H. Bidders our encourage to review scoring criteria before submitting their proposal

1.8 QUOTES/BID ACCEPTANCE

- A. Upon acceptance of the winning quote, the AV Integrator shall prepare:
 - 1. Submittals as indicated elsewhere in these specifications and/or on the project drawings.
 - 2. Provide any necessary permits for any portion of the work as required by the local AHJ.
 - 3. A revised and more detailed construction schedule than previously submitted with the quote to include all project milestones as indicated previously.
 - 4. Provide detailed training quote, including emphasis on wireless microphone system and touch panel system control.

1.9 DESIGN REQUIREMENTS

- A. Work under this section of the specifications includes all labor, and installation as required to provide a complete technical system in compliance with the contract documents.
- B. The Audio Visual Integrator shall provide low-voltage "on/off" control system wiring, low-voltage "on/off" control switches, and certain AC power/ground requirements internal to the equipment racks as specifically noted herein and/or on the drawings.
 - 1. Except when plenum rated cabling is used above finished ceilings or below raised, accessible floors, it is required that cabling for microphone and line inputs, wideband RGBHV, video, control and other AV related cabling be routed inside the comprehensive system of conduit indicated on the drawings. Floor and wall boxes shall serve as the primary interface points to the AV system.
 - 2. Provide and install cover plates, connectors and associated cabling to link all floor and wall boxes to all affiliated local and remote AV components. The Owner will provide no additional conduit, power or workboxes. If additional infrastructure is required, include provisions for what is additionally required in the quote.

1.10 PERFORMANCE REQUIREMENTS

- A. Performance Standards: Unless restricted by the published specification of a particular piece of equipment, or unless otherwise required, the following minimum performance standards shall be met by the AV system:
 - 1. Audio:
 - a. S/N (including crosstalk and hum): 75dB minimum.
 - b. Total Harmonic Distortion: 0.1% maximum from 65Hz to 20kHz @+4dBu
 - c. Frequency Response (-3dB at 1m on axis): 79 Hz to 21,000 Hz.
 - d. Consistent and even coverage (+/- 3dB) of all audience areas
 - e. Adequate loudness before feedback
 - f. Reproduce live presentations with intelligible speech
 - g. Reproduce musical sources with adequate clarity and fidelity
 - 2. Video:
 - a. S/N (peak to RMS), unweighted DC to 4.2 MHz: 45 dB minimum.
 - b. Crosstalk, unweighted DC to 4.2 MHz: 45 dB minimum.
 - c. Line and Field Tilt: 2% maximum.
 - d. Differential Gain: 3% maximum.

- e. Differential Phase: 2 degrees maximum.
- 3. Performance Test Signal Paths: The signal paths for the above Performance Standards shall be as follows:
 - a. Audio: From any and all source inputs (microphones, audiotape units, videotape units, etc.) through all audio mixers, switchers, distribution amplifiers, codec's, etc., to all signal destinations.
 - b. Video: From all source inputs (cameras, computers, videotape units, etc.) through all switchers, processors, distribution amplifiers, etc., to all signal destinations.

1.11 SUBMITTALS REQUIRED BY THE AV INTEGRATOR

A. Shop Drawings

- 1. Sufficiently prior to installation of each respective portion of work, the AV Integrator will provide the following Shop Drawings for approval from the Commissioning Agent, Owner and Architect:
 - a. All panel and plate layouts (such as for wall boxes and for rack/cart-mounting) indicating locations of connectors, engraving, labeling, nomenclature, panel material, and finish.
 - b. All Equipment racks, cabinets, consoles, tables and cart front elevations showing equipment and panel layout.
 - c. Mobile cart millwork details, and related equipment and panel layout.
 - d. All non-factory equipment modifications.
 - e. All cable labeling plans.
 - f. For any permanent exposed cable applications, written authorization from the Architect (or Architect's designated Engineer) as to which locations are approved in addition to cable pathway being utilized
 - g. Updated point to point wiring functional system signal diagrams separated by Video, Audio, and Control per system.
 - h. Shop drawings as indicated elsewhere in these specifications and/or on the project drawings.
 - i. Copies of all reviewed submittals shall be kept at the project site during the construction of the project, for reference.

B. Test Plan Documentation

- 1. Submit a complete testing plan for all systems for approval within (30) days of receipt of approved shop drawings to the Commissioning Agent, Owner and Architect.
- 2. Plan submitted must include shop and field-testing of each and every field device and control function.
- 3. Plan Submitted must include examples of testing documentation. Shop testing documentation must be submitted for approval prior to the control system shipment to the job site. Field-testing documentation must be submitted when requesting final Demonstration/Inspection (described below).

1.12 QUALITY ASSURANCE

A. Contractor Qualifications:

1. Work in this section shall be performed by an AV Integrator that complies with the requirements of Division 1, and is licensed to perform work of this type in the project jurisdiction, has at least five (5) years of verifiable direct experience with the devices, equipment and systems of the type and scope specified herein.
 - a. The Audio Video Integrator shall include, with his bid, a list of credentialed staff that will be actively involved in this project including specific tasks each will perform.
 - b. The Audio Video Integrator shall use sufficient numbers of skilled workers who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work in this section.
 - c. The Audio Video Integrator shall appoint a designated supervisor who shall have at least five (5) years direct experience in similar work. The supervisor shall be present and in responsible charge of all work in the fabrication shop and on the project site during all phases of the installation and testing of the system(s). To assure continuity, this supervisor shall be the same individual throughout the execution of the work unless illness, loss of personnel, or other reasonable circumstances intervene.
 - d. The Audio Video Integrator shall be a direct dealer representative of recommended acceptable equipment list.
2. The Owner may request a prospective Audio Video Integrator to provide additional information as desired for review by the Owner, Architect, and to make a determination of the Audio Video Integrator acceptability.
3. Contractor's Qualifications:
 - a. The Contractor shall meet the minimum requirements identified herein. Additionally, the Contractor shall have had at least three (3) years' experience in the fabrication, assembly and installation of AV presentation, conferencing and remote control systems of comparable size, magnitude and quality in regards to coordinating, engineering, testing, certifying, supervising, training and documentation as specified for the subject job and shall submit documentation to this effect with the bid return. Each of these systems shall have been in successful operation for at least three (3) years after final acceptance by the Owner.

B. TEST EQUIPMENT

1. Each Contractor is responsible for furnishing all test equipment required to test the system in accordance with the parameters specified. Unless otherwise stated, the test equipment shall not be considered part of the system. Each Contractor shall furnish test equipment of accuracy better than the parameters to be tested.

1.13 PROJECT CONDITIONS

- A. This project represents construction of a new facility.
 - B. During the course of project construction, the AV Integrator shall personally examine the site of the proposed work and verify the conditions, which involve his/her work.
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- C. The AV Integrator shall comply with all applicable national and local codes and ordinances, and obtain all required permits. AV Integrator shall be held responsible for any violations of the law within the scope of his work.
- D. The AV Integrator shall schedule and sequence the AV system rough-in work to coordinate with the established general construction sequence as updated from time to time by the Owner.
- E. Once the AV Integrator begins work at the project site, the company shall maintain a project manager for the duration of the work to supervise the work force and to provide coordination with other trades and/or the Owner.
- F. The project manager shall attend any regularly scheduled construction progress meetings. These meetings will include, but not be limited to Owner Architect Meetings, walk through meetings with the Owner and Consultant, and weekly construction meetings.
- G. The AV Integrator shall conform to all site policies regarding safety, job site hours, and any additional policy, which may affect site conditions.
- H. It is the purpose of this specification to require the furnishing of the highest quality materials, equipment and workmanship. The work shall be in accordance with this specification and in conformity with the designs, layouts and descriptions shown on the drawings.
- I. Unless stated otherwise on the drawings, the work shall include everything necessary or incidental to complete the installation wire raceway (including conduit), raceway fittings, outlet boxes, pull boxes, terminal cabinets, and insulated ground cables. AV Integrator shall furnish all necessary information to the Architect and Owner to insure that a proper AV conduit system will be installed.
- J. The AV Integrator shall cooperate with all other Contractors engaged in this project and shall coordinate the installation of the AV, systems so that all work will proceed in a manner which is in the best interests of the Owner.
- K. Labor, transportation of equipment, storage of onsite equipment, incidentals, and all work needed for the installation shall be the responsibility of the AV Integrator.

1.14 ENVIRONMENTAL REQUIREMENTS

- A. Provide every effort to accommodate LEED practices with the project and disposal of construction material.
- B. The AV Integrator will notify the Architect and Owner if the AV equipment rooms do not match physical and environmental layout as defined for Telecom IDF and MDF rooms. Any deviations from this standard to be approved through the owner and engineer. These standards are to include but not limited to:
 - 1. Operating temperature of 68-74 degrees Fahrenheit with 30% maximum average humidity
- C. Provide A/C rated plywood backboards, with the A-side facing out, on walls of equipment rooms and telecommunications rooms per detail drawings. Coordinate installation with the General Contractor and Architect.

1.13 WARRANTY

- A. Provide warranty repair or replacement for all products provided by the AV Integrator (including products having a manufacturer's warranty of less than one year) and all AV Integrator's workmanship at no additional cost, except in the case of obvious abuse for one year. Consumable items such as lamps, batteries, tapes, etc. are not covered.
- B. During the warranty period the AV Integrator shall:
 - a. Provide telephone support within 3 hours of a call.
 - b. Repair or replace faulty items within 5 business days of on-site service or within manufacturer's specified repair program, whichever is quicker.
- C. The AV Integrator shall inform the Owner when removing or reinstalling equipment. They shall not involve the owner with shipping or freight charges associated with any item under warranty. That should be included in the warranty.
- D. The warranty period will commence no sooner than the date of the first beneficial use by the owner and no later than the date of contract close out.
- E. The Audio Visual Integrator shall include a statement of warranty on the entire system and on the individual pieces of equipment.

1.13.1 TRAINING ASSISTANCE

- A. The Audiovisual Integrator shall provide end user training on the operation of the audiovisual systems. Training sessions will be coordinated by Conference Technologies and the client after the systems have been checked out and all punch list items are completed. The training sessions will include:
 - a. Demonstration and operation on the use of the system.
 - b. Familiarization with system diagrams and manufacture's literature.
 - c. Familiarization with the control system.
 - d. Hands-on operation of the audiovisual systems.
 - e. Instructions on care and maintenance of the audiovisual systems.

PART 2 - PRODUCTS

2.1 GENERAL

- A. Acceptable Products or equivalent are listed below and in Appendix B and establish the basis for design for the AV systems.
- B. All Products shall be new and under warranty at the time of installation. B-Stock, previously installed, refurbished, second stepped or used equipment shall not be provided on this project.
- C. There shall be no product substitution after the issuance of the Contract Award, Notice to Proceed, or Letter of Intent to Award, whichever is earliest.

- D. Appendix B is the Consultant's good faith effort to provide an AV Equipment List based on the AV System Specifications. However, Integrators are cautioned that the list may not be complete, may have discrepancies, and may not indicate all pertinent information required to prepare an accurate bid. It is strongly suggested that potential Integrators bid complete equipment list based on the drawing intent.
- E. Due to the advanced bidder qualifications, it is assumed that each Integrator is solely responsible for the completeness and accuracy of the takeoffs, system design intent and equipment list. No additional charges will be allowed after the bid award for the areas in the AV drawings unless a change in functionality is requested and approved by the owner and architect.
- F. Determination of the final quantities to meet the function of the design shall be the sole responsibility of the integrator

2.2 SYSTEM GROUNDING

A. EQUIPMENT:

- 1. Equipment grounding shall include all cable and installation hardware required. All AV equipment shall be connected to earth ground via internal building wiring, according to the NEC.
- 2. This includes, but is not limited to:
 - a. Coaxial Cable Shields.
 - b. Control Cable Shields.
 - c. Data Cable Shields.
 - d. Equipment Racks.
 - e. Equipment Cabinets.
 - f. Conduits.
 - g. Cable Duct.
 - h. Cable Trays.
 - i. Power Panels.
 - j. Connector Panels.
 - k. Antennas.
 - l. Towers.

B. COAXIAL CABLES

- 1. Coaxial cables shall include all coaxial connectors, cable tying straps, heat shrink tabbing, hangers, clamps, etc., required to accomplish a neat and secure installation.

C. WIRES AND CABLES

- 1. Wire and cables shall include all connectors and terminals, spade lugs, barrier straps, punch blocks, wire wrap strips, heat shrink tubing, tie wraps, solder, hangers, clamps, labels etc., required to accomplish a neat and orderly installation.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify all conduits, back boxes and pathways.
- B. Verify correct power requirements have been supplied based on equipment load and device requirements.

- C. Verify video installation sightlines and possible obstructions.

3.2 PREPARATION

- A. Coordinate with the project Electrical Contractor for required location of junction boxes, outlets, and conduit.
- B. Carefully inspect areas where equipment will be installed. Notify the Architect and Audio Visual Consultant of any conditions that would adversely affect the installation and subsequent operation of the system.

3.3 INSTALLATION

- A. **New Wiring:** Install wiring in raceways except within consoles, cabinets, desks, and counters and except in accessible ceiling spaces and in gypsum-board partitions where cable-wiring method may be used. Use plenum cable in environmental air spaces including plenum ceilings. Conceal cables and raceways except in unfinished spaces. Cable shall be installed continuous with no splices or cuts.
- B. Install exposed cables parallel and perpendicular to surfaces or exposed structural members, and follow surface contours. Secure and support cables by straps, staples, or similar fittings so designed and installed to avoid damage to cables. Secure cable at intervals not exceeding 30 inches and not more than 6 inches from cabinets, boxes, or fittings.
- C. **Wiring within Enclosures:** Bundle, lace, and train conductors to terminal points with no excess.
- D. **Separation of Wires:** Separate speaker-microphone, line-level, speaker-level, and power wiring runs. Install in separate raceways or, where exposed or in same enclosure, separate conductors at least 12 inches for speaker microphones and adjacent parallel power and telephone wiring.
- E. **Identification of Conductors and Cables:** Color-code conductors and apply wire and cable marking tape to designate wires and cables so they identify media in coordination with system wiring diagrams.
- F. **Wall-Mounting Outlets:** Flush mounted.
- G. **Weatherproof Equipment:** For units that are mounted outdoors, in damp locations, or where exposed to weather, install consistent with requirements of weatherproof rating.
- H. All terminations shall be installed per manufacturer's specifications and recommendations
- I. **CONDUITS, CABLE DUCTS, AND CABLE TRAYS**
 - 1. Shall include all conduit, duct, trays, junction boxes, back boxes, cover plates, feed through nipples, hangers, clamps, fire stop and other hardware required to accomplish a neat and secure conduit, cable duct, and/or cable tray installation in accordance with the NEC and this document under division 26 sections.
- J. **EQUIPMENT INTERFACE**

1. Equipment shall include any item or quantity of equipment, cable, mounting hardware and materials needed to interface each systems and subsystems according to each original equipment manufacturer requirements and this document.

K. LABELS

1. Labeling shall include any item or quantity of labels, tools, stencils, and materials needed to completely and correctly label each system and subsystem according to each original equipment manufacturer requirements, as-installed drawings, and this document.

L. GROUNDING

1. Ground cable shields and equipment to eliminate shock hazard and to minimize ground loops, common-mode returns, noise pickup, cross talk, and other impairments.
2. Signal Ground Terminal: Locate at all equipment display locations. Isolate from power system and equipment grounding.
3. Shields shall be connected at each end of each wire to the pin 1 of each XLR, shield connection for each electronic device, etc. No shield wires shall be left unconnected except where noted on the drawings, nor shall any shield come in contact with conduit, pull boxes, or other building steel. Audio line-level circuit shield wires shall be grounded to rack sheet metal only via rack-mounted equipment. Shields shall be electrically isolated in multi-conductor cables. Shields for audio line-level circuits connected to audio transformers shall be connected to transformer electro-static shields and case ground. In the case of unbalanced audio lines the shield wire shall connect to the low side of the line (black wire).
4. Each equipment rack within a row of racks shall be electrically bonded to each other using a minimum 1/4-inch diameter unfinished bolt and nut with star washers. Bolts shall fasten to each equipment rack unpainted sheet metal. Each row of equipment racks shall be electrically bonded to adjacent row(s) via a No. 6 AWG insulated ground wire. The AV Integrator shall perform this work.

M. CIRCUIT ROUTING

1. All audio circuits shall be separated according to function; e.g. microphone circuits shall be separated from line-level circuits, which are separated from video circuits, which are separated from loudspeaker circuits. Where audio and video circuits are installed in conduit or other raceway, separate conduits are required for the various circuit functions.
2. Control and intercom circuits and video circuits can be routed with line-level circuits, if separate conduit is not furnished for these circuits.
3. Where circuits are exposed in the equipment racks or large junction or pull boxes, the circuits shall be bundled according to function. Use plastic cable ties to bundle cables and provide as much separation as reasonable.

N. WIRE SPLICING

1. Audio and video circuits shall not be spliced except as shown on approved shop drawings.
2. All solder connections shall be made with soldering iron and rosin core solder. The AV Integrator shall check all solder connections for "cold" solder joints.
3. All audio circuits terminating to screw-type connectors shall be installed with non-insulated brazed seam spade lugs of the proper size for wire and screw connection.

O. LABELING AND PLACE CARDS

1. All labeling of wiring within equipment racks, consoles, or other areas obscured from direct view shall be of adhesive backed strips comprised of numbers and letters as required. Wire markers shall be near both ends of wire termination.
2. All labeling of exposed wiring, such as found at the rear of the mixing console shall be typewritten identifying each cable and covered with clear heat shrink tubing near the cable end.
3. Embossed plastic tape labeling, such as DYMO, shall not be acceptable.

4. Within each rack and at other remote locations for technical system equipment, label all associated AC power receptacles reflecting the appropriate circuit breaker. Ensure that the circuit breakers are labeled as to the rack or remote equipment location.

P. VIDEO INSTALLATION

1. All video circuits, except as indicated otherwise, shall be single conductor shielded, 75-ohm coaxial cable. Shields for video circuits shall be grounded only at the connected equipment and shall not ground at electrical conduit at wall boxes, etc.
2. Soldering of video connectors will not be permitted.
3. All video connections shall be made with the specified connector.

Q. AUDIO INSTALLATION

1. Unless otherwise noted, all audio circuits shall be two wires with shield, with the red or white wire used for the "high" side of the line and connected to pin 2 of microphone connectors or to the "tip" of patch panel and other phone jacks. The black wire shall be used for the "low" side of the line and shall connect to pin 3 of microphone connectors or to the "ring" of phone jacks. The shield (drain) wire shall connect to pin 1 of microphone connectors or to the sleeve of phone jacks.
2. All audio circuits (red or white and black conductors) shall be ungrounded, except as provided by single ended amplifier inputs and where grounding of an unbalanced circuit is directed during system tests. Shields for line level audio circuits shall be grounded to rack sheet metal at each cable termination. Where line level audio circuits connect to audio transformers, shields shall connect to transformer electrostatic shields and case grounds. At each cable termination shield or shield drain, wire length shall be approximately equal to the length of the insulated conductors. Shield drain wires shall be sheathed in green PVC sleeving or clear Teflon sleeving sized appropriately for conductor gauge. Circuit shields shall not otherwise connect to each other nor ground to electrical conduit at wall boxes, etc. Microphone circuit shields shall be grounded only at mixer inputs.
3. Where resistors are indicated to terminate an audio circuit, install each resistor at the end of the line at the input to the following transformer or amplifier. High impedance circuits shall not extend more than 20 feet.
4. All wire joints and connections in the audio system shall be made with rosin core solder and a small soldering iron; or with approved mechanical connectors. Soldering shall be neat and shall not exhibit "cold" solder joints. Connections to screw type terminals shall be made with mechanically connected un-insulated, spade type lugs selected for the particular wire size in use.
5. Connections made with miniature screw actuated, pressure type terminal strips shall be made by stripping approximately 1/4-inch of insulation from stranded conductor, inserting the un-tinned wire into the pressure terminal, and tightening the terminal screw using a small screwdriver which securely fits the screw head.
6. All crimp type connectors, including non-insulated butt connectors for inline loudspeaker circuit connections, shall be crimped with a Thomas & Betts model WT111 M tool. Spade tongue terminals shall be crimped with the notch on the barrel opposite the seam.
7. Loudspeakers shall be installed so there are no obstructions to the loudspeaker coverage pattern and shall be connected "in phase" and proper impedance matching shall be maintained between amplifiers and loudspeakers. As required for proper acoustic levels and proper aiming, re-tap selected loudspeaker transformers and re-orientate selected loudspeakers or loudspeaker clusters during final system tests and adjustments.
8. Tie-wrap and secure all loudspeaker line matching transformer leads and loudspeaker cable away from room loudspeakers to prevent "rattling" when loudspeakers are energized. All cut transformer inputs shall be individually protected from shorting against one another or other metal objects.

R. RF INSTALLATION

1. The Audio Visual Integrator shall coordinate the locations of all RF (Cable TV) requirements with the Owner and their Communications Contractor.

S. PHYSICAL INSTALLATION

1. Equipment Racks:
 - a. Racks will be installed plumb and square without twists in the frames or variation in level between the racks.
 - b. Firmly secure all equipment in place unless requirements of portability dictate otherwise.
2. Cabling Harness:
 - a. Any exposed cabling harnesses are to be concealed and neatly bundled in black expandable "Tech Flex" type harnessing sheath. Before installation, the sheath shall be cut to length and ends burned to prevent unravel. When installed, the ends shall be turned into themselves and secured with flush-cut tie wraps.

3. Floor and Wall Plates:
 - a. All connection plates (wall, floor, etc.) will be secured with appropriate fasteners and installed plumb and level.
4. Projection Devices and Screens:
 - a. Audio Visual Integrator shall field verify all projection throw distances before finalized mounting installation.
 - b. Projection devices shall be placed within the rooms to properly fill projection screens.
 - c. Projection devices shall be installed at proper heights to the screen placements to allow for proper projection utilizing the minimum necessary horizontal and vertical keystone adjustments.
5. Mounting To Building Structure
 - a. Building structural members shall not be modified without consultation with and approval of the Architect and Structural Engineer.
 - b. Do not fabricate or install supports that will overload the building structure. Supports shall be installed to overhead structure capable of supporting five times the weight of the mount, and equipment combined.
 - c. All Mounting methods of each device type and mounting type shall be shown on submittal drawings and approved by the project Architect prior to installation.
 - d. Do not drill or cut concrete beams, joists or structural steel, and do not weld to structural steel.
 - e. Beam clamps are to be used to anchor strut and threaded rod to structure such as I-beams, Z bar, etc.
 - f. Attachment hardware with a minimum SAE Grade 8 load rating and a safety factor of at least 5 are to be used.
 - g. Screens, wall mounted devices, projector / display mounts, or sub-mounts are to be installed plumb and level.

3.4 INTERFACE WITH OTHER WORK

- A. Coordinate all required interfaces with Telecom, Electrical, Mechanical and Architectural. This shall include interface with Emergency Notification systems to mute all audio in music systems upon activation.

3.5 CLEANING AND PROTECTION

- A. Jobsite to remain organized during construction. All efforts must be made to protect existing finishes and equipment. Any devices altered during construction are to be brought back to existing or better condition upon completion of construction.

3.6 DEMONSTRATION/ INSPECTION

- A. Upon completion of the approved testing procedure and submittal of the testing documentation plan, the Audio Visual Integrator shall notify the Commissioning Agent, who will visit the project for a demonstration of the systems and an inspection of the completed work in conformance of the Construction Documents. It is mandatory for a representative from the AV Integrator directly responsible for the project to be present during demonstration and inspection periods.
- B. Items which do not comply or which function incorrectly will be listed. The Commissioning Agent will submit the list to the AV Integrator, General Contractor and Architect.

- C. After all corrections have been made, the contractor shall notify the Commissioning Agent who will recheck the system for compliance of all items listed. IF THE COMMISSIONING AGENT IS REQUIRED TO RETURN TO THE SITE FOR FURTHER INSPECTIONS, THE AV INTEGRATOR SHALL REIMBURSE ALL LABOR AND TRAVEL EXPENSES.

3.7 SCHEDULE

- A. All work to be scheduled with General Contractor under Division 1 requirements for the project.
- B. Completed within 45-90 days of award.

END OF SECTION

APPENDIX A

4.0 AV Work Related Responsibilities Work Sheet

The Following work sheet outlines where the AV Integrator responsibilities end concerning the building Audio Visual Systems:

Responsibilities	Audio-Visual Contractor	Electrical Contractor	Low Voltage Contractor	General Contractor	Owner
<u>ELECTRICAL & NETWORK</u>					
Provide and install conduit, raceways, back boxes and floorboxes		X			
Provide and install power		X			
Provide and install LAN		X			
Provide IP addresses					
<u>CABLING</u>					
Provide low voltage permits	x				
Provide all cabling	X				
Pull all audio-visual cables	X				
<u>EQUIPMENT & MATERIALS</u>					
Provide projectors, displays, and mounting brackets	X				
Provide above ceiling unistrut and hardware to support displays	X				
Provide electric projection screens					
Provide floor and credenza vertical equipment racks	x				
Provide all remaining A/V equipment	X				
<u>MOUNTING</u>					
Install all ceiling and wall mounted flat screen displays	X				
Provide any required wall backing to support displays	x				
Install electric projection screens					
Ceiling grid trim work around projection screens					
Install projector mounts					
Install projectors					
Install ceiling and/or wall speakers	x				
Install any custom wall plates	X				
Install rack mounted equipment in vertical equipment racks/testing	X				
Place loaded and tested equipment racks					
Install all remaining AV field devices	X				

APPENDIX B

5.0 AV Acceptable Equipment or Equivalent List for the Emergency Operations Center and Small Conference Room.

The Following equipment list outlines the recommended equipment, manufacturer, and part number of each itemized component. Every effort has been made to provide a good faith extensive list. It will be the awarded AV Integrator's responsibility to provide complete "turn-key" systems. Quantities to make complete working systems will be the sole responsibility of the AV Integrator.

Samsung	QB65B	65"	4
Samsung	QB85R-B	85IN COMMERCIAL 4K UHD LED LCD MNTR DISPLAY 350 NIT 16/7 MIS6 SSSP 6.0 Country of Origin: MX Weight: 138.00 Dim Weight: 40,733.70	1
Samsung	QB55B	55IN COMMERCIAL 4K UHD LED LCD MNTR DISPLAY 350 NIT Country of Origin: MX Weight: 52.00 Dim Weight: 11,851.13	6
CHIEF	LTM1U	Micro-Adjust Tilt Wall Mount, Large	9
CHIEF	XTM1U	Micro-Adjust Tilt Wall Mount, X-Large	2
CHIEF	LPAUS	Large FUSION Cart Manual Adjustable, SLV	1
CHIEF	FCA613B	LARGE SHELF W/ STORAGE	1
CHIEF	PAC770	HEAVY DUTY CASTERS (4)	1
Avocor	AVE-8630-A	86"	1
AVPro Edge	AC-MXNET-1G-E	Encoder; HDMI, HDMI Loop, USB, IR, RS232, Fiber & RJ45	4
INOGENI	SDI2USB3	INOGENI SDI to USB 3.0 Converter	1
Marshall	CV-PTZ-WM	Wall Mount (Black) for CV612/CV620/CV630/CV730 cameras	2
Marshall	CV620-BI	20x PTZ Camera with IP, 3GSDI, and HDMI (Black)	2

Jackson County EOC Audio-Visual Systems

AVPro Edge	AC-EX40-444-KIT	HDBaseT (CAT6) Extender Kit. ICT 18G, 40m 4K (70m HD) Slim Extender with I-	6
		Pass, Bi-Directional Power, RS232, IR. ICT for full HDR/HDMI Pass-Through. Full HDR, 4K60 4:4:4.	
Extron	60-1834-01	SW4 USB Pro	1
Crestron	AM3-212 KIT	AirMedia Series 3 Kit with AM-3200-WF Receiver, two AM-TX3-100 Adaptors, and Cradle	1
AVPro Edge	AC-MXNET-1G-EWP	MXNet 1G encoder in a standard dual-gang wall plate format making audio/video connection points look sleek and professional.	5
AVPro Edge	AC-MXNET-SW24	24-Port RJ45 switch (1G) w/ Intelligent AV Processing, 24 PoE ports & 4 SFP+ Ports	1
Marshall	VSW-2000	4x1 3G/HD/SD-SDI Switcher	1
AVPro Edge	AC-MXNET-1G-D	Decoder; HDMI, USB, IR, RS232, Fiber & RJ45	12
AVPro Edge	AC-MXNET-CBOX	Control Box for MXNET System	1
Sennheiser	TEAM CONNECT CEILING 2 WITH EXTENSION BRACKETS	TeamConnect Ceiling 2 Microphone kit. Includes (1) TeamConnect Ceiling 2 microphone, (1)Set of SL CM EB mounting brackets, and (1) TCC2 box kit.	2
Shure	MX410RLPD F/C	10" Shock-Mounted Gooseneck, Red LED Ring on top, Less Preamplifier, Dual Flexible, Cardioid	1
Atlas	FAP63T-W	6.5" Coaxial In-Ceiling Speaker with 32-Watt 70V/100V Transformer, Ported Enclosure, and Safety First Mounting System	8
Shure	ULXD4--G50	Single Digital Wireless Receiver with PS41US Power Supply, 1/2 Wave Antenna and Rack Mounting Hardware	1

Jackson County EOC Audio-Visual Systems

Shure	ULXD8--G50	Wireless gooseneck microphone base for ULXD and QLXD. Includes AA Alkaline Batteries	1
AUDIX CORPORATION	AP42C210A	WIRELESS,R42,COMBO, W/ OM2 & ADX10	1
Atlas	CP400	Dual-Channel, 400-Watt Commercial Power Amplifier	1
Marshall	GSM4230UP-100NAS	NETGEAR 24x1G Ultra90 PoE++ 802.3bt 1,440W 2x1G and 4xSFP (1G uplinks)	1
QSC	SLMST-110-P	Q-SYS Core 110 license for Microsoft Teams Room software features, enables both Q-SYS Scripting and UCI Deployment, Perpetual	1
QSC	CORE 110f-v2	Unified Core with 24 local audio I/O channels, 128x128 total network I/O channels with 8x8 Software-based Dante license included, USB AV bridging, dual LAN ports, POTS and VoIP telephony, no GPIO, 16 next-generation AEC processors, 1RU.	1
iPort	72109	CONNECT PoE+ Upgrade	2
Apple	MK2K3LL/A	Ipad Apple 10.2-inch iPad Wi-Fi - 9th generation - tablet - 64 GB - 10.2"	2
iPort	72350	CONNECT PRO WallStation Black	2
iPort	72300	CONNECT PRO CASE BLACK works with iPad 10.2" (9th gen)	2
Netgear	WAX625-100NAS	INSIGHT MANAGED WIFI 6 AX5400 DUAL-BAND MULTI-GIG	1
Global Cache	IP2SL-P	Global Cache iTach IP2SL with PoE Option	6
Madison Liquidators	CD-NTTF-LG	Attivo Flip Top Nesting Table Base	12
Madison Liquidators	CD-RS2472	Rectangular Work Surface-24x72	12
Madison Liquidators	BD-PG2311	Power Grommet	24

Jackson County EOC Audio-Visual Systems

Madison Liquidators	84220-30	Deluxe Armless Folding Chair with Pro Grid, Back, Casters and titanium finish	18
Madison Liquidators	PL112	36x22 2 Drawer Lateral File	4
Madison Liquidators	PL110	71x22 Cabinet Top	1
Madison Liquidators	PL152	22x38 Storage Cabinet	2
Madison Liquidators	PL152SGD	Silver FFrame Doors set of 2 for PL152	2
Madison Liquidators	PL1044OH/PLTLPHS27	71in Open Hutch with 27in H Support	1
Madison Liquidators	PL44SGD	Aluminum Frame Glass Doors	2
Madison Liquidators	PLTHATEP30MOD72	Deluxe Electric Height Adjustable Desk Base	1
Madison Liquidators	PLT3072	72x30 Desktop	1
Madison Liquidators	PLTAP1554S	54Wx15H Acrylic Divider	1
Madison Liquidators	PLTSDTM-SILVER	Desk Mount Bracket (pair)	1
MIDDLE ATLANTIC	CWR-26-22VD	4'DATA WALL CAB,VNTD,22D	1
spectrum	custom	custom lectern	1
APC	SMT3000RM2UNC	APC Smart-UPS 3000VA LCD RM 2U 120V with Network Card	1
ULINE	H-6753	Large wire storage cart	1
CHIEF	CSSLP15X10	PROXIMITY,SLIDE LOCKING PLATE,15X10	10

APPENDIX C

CONTRACT FOR SERVICES WITH

THIS CONTRACT, entered into by and between the _____-and Jackson County Emergency Management IOWA, (hereinafter called "JCEM"), authorizing _____ assistance in carrying out this Contract and attached Scope of Services, and approved by ____ on _____, 2024.

TERMS. This Contract carries the following terms.

SECTION 1. Scope of Services

____ shall provide and perform the necessary services required to carry out the purchase of goods and services for JCEM.

SECTION 2. Compliance with Federal Law, Regulations, and Executive Orders and Acknowledgement of Federal Funding.

This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract. The contractor will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

SECTION 3. Time of Performance

The services of ____ shall commence on date of _____ and shall be completed upon receipt of final Certificate of Completion from JCEM.

Commencement and completion of services as identified herein is subject to the delivery of the equipment ordered in the attachment "A" as well as the training and 4 additional years of the ____ Service Agreement. The parties also acknowledge that _____ time of performance and Scope of services as identified herein, may be contingent upon the actions and/or requirements of other parties. ____ shall not be responsible for a delay in services when said services are contingent upon the completion or performance of services by third parties.

SECTION 4. Method of Payment

Payment shall be due upon receipt of a monthly bill for services. The payment shall be based on the actual costs incurred by ____ for equipment delivered, installation and training, including labor and overhead, in accordance with OMB's Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards (otherwise known as "Uniform Guidance"). Total payment shall not exceed \$203,374.68.

SECTION 5. Personnel

The ____ represents that it has, or will acquire, all personnel necessary to perform the services under this Contract. ____ further represents to be in compliance with public policy, has an excellent record of past performance in Federal contracts and has the technical resources available to perform this contract.

SECTION 6. Compliance with the Contract Work Hours and Safety Standards Act.

- (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.
- (3) Withholding for unpaid wages and liquidated damages. The (insert name of grant recipient or subrecipient) shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other 37 2 C.F.R. Part 200, Appendix II, § E. 38 29 C.F.R. § 5.5(b)(1),
- (4) Contract Provisions Guide 18 federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section. (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section 6.4

For contracts that are only subject to Contract Work Hours and Safety Standards Act and are not subject to the other statutes in 29 C.F.R. § 5.1 where an additional contract provision is required, FEMA suggests including the following language: “Further Compliance with the Contract Work Hours and Safety Standards Act.

- (1) The contractor or subcontractor shall maintain payrolls and basic payroll records during the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the
-

contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid.

- (2) Records to be maintained under this provision shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the Department of Homeland Security, the Federal Emergency Management Agency, and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

SECTION 7. Property

_____ shall be free to acquire or use existing property, real or personal, as it deems necessary in the performance of work under this agreement as provided in the provisions below.

Prohibition on Contracting for Covered Telecommunications Equipment or Services

- (a) Definitions. As used in this clause, the terms backhaul; covered foreign country; covered telecommunications equipment or services; interconnection arrangements; roaming; substantial or essential component; and telecommunications equipment or services have the meaning as defined in FEMA Policy 405-143-1, Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services (Interim), as used in this clause—

(b) Prohibitions.

(1) Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug. 13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.

(2) Unless an exception in paragraph (c) of this clause applies, the contractor and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to:

(i) Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system.

(ii) Enter into, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;

(iii) Enter into, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or

(iv) Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

(c) Exceptions.

(1) This clause does not prohibit contractors from providing—

(i) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or Contract Provisions Guide 28

(ii) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(2) By necessary implication and regulation, the prohibitions also do not apply to:

(i) Covered telecommunications equipment or services that:

i. Are not used as a substantial or essential component of any system; and

ii. Are not used as critical technology of any system.

(ii) Other telecommunications equipment or services that are not considered covered telecommunications equipment or services.

(d) Reporting requirement.

(1) In the event the contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the contractor is notified of such by a subcontractor at any tier or by any other source, the contractor shall report the information in paragraph (d) (2) of this clause to the recipient or subrecipient, unless elsewhere in this contract are established procedures for reporting the information.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:

(i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments.

SECTION 8. Access to Records

At any time during normal business hours and as frequently as is deemed necessary, ___ shall make available to the Iowa Homeland Security, the State Auditor, the General Accounting Office, Inspectors General, the Comptroller General of the United States, and any of their authorized agencies, for their examination, all of its records pertaining to all matters covered by this contract and permit these agencies to audit, examine, make excerpts or transcripts from such records, contract, invoices, payrolls, personnel records, conditions of employment, and all other matters covered by this contract.

___ and JCEM shall maintain all required records, including supporting documents, for three years from the closeout of the project.

SECTION 9. Termination by JCEM

9.1 JCEM may, by thirty (30) days written notice to ___, terminate this contract in whole or in part at any time:

- a) For JCEM's convenience,
- b) For the failure of ___ to fulfill its obligations under the contract, or
- c) As the funding source for the contract ceases to exist.

Upon receipt of such notice, ___ shall: (1) immediately discontinue all services affected (unless the notice directs otherwise), and (2) deliver to JCEM all data, drawings, specifications, as may have been accumulated by ___ in performing this contract, whether completed or in process.

9.2 Notwithstanding the above, ___ shall not be relieved of its liability to JCEM for damages sustained by JCEM by virtue of any breach of the contract by ___. JCEM may withhold any and all payments to ___ for the purpose of setoff until such time as the exact amount of damages due JCEM from ___ is determined.

9.3 If the termination is for convenience of JCEM, or because the funding source for the contract ceases to exist, ___ shall be entitled to compensation for work done through the date of termination.

SECTION 10. Indemnification/Hold Harmless

___ agrees to indemnify and hold harmless JCEM from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of this Contract, provided that such claim, damages, loss or expense is attributable to bodily injury, sickness, disease or death, or injury to or destruction of property including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of ___, _____ subcontractor or anyone whose acts ___ or _____ subcontractor may be liable.

JCEM agrees to indemnify and hold harmless ___ from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of this Contract, provided that such claim, damages, loss or expense is attributable to bodily injury, sickness, disease or death, or injury to or destruction of property including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of JCEM, JCEM's subcontractor or anyone whose acts JCEM or JCEM's subcontractor may be liable.

SECTION 11. Termination by ___

___ may terminate this contract by thirty (30) days written notice to JCEM for either _____ convenience or because of JCEM's failure to comply with the applicable laws, rules, or regulations required for projects with Federal funds. The notice shall stipulate the laws, rules, or regulations that have been violated, and date ___ advised JCEM of said violation.

JCEM will be required to pay ___ for work done through the date of termination.

SECTION 12. Certification Regarding Government-Wide Restriction on Lobbying.

Contractors who apply or bid for an award of more than \$100,000 shall file the required certification. Each tier certifies to the tier above that it will not and has not used federally appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the federal awarding agency.”

___ certifies, to the best of its knowledge and belief, that:

12.1 No Federal appropriated funds have been paid or will be paid, by or on behalf of the Recipient, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with awarding any Federal contract, making any Federal grant, making any Federal loan, entering into any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

12.2 If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the City shall complete and submit Standard Form-LLL, "Disclosure Form to Report Federal Lobbying" in accordance with its instruction.

12.3 ___ shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

12.4 This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

At the end of the certification language, FEMA recommends including the following signature line.

“The Contractor, _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

Signature of Contractor’s Authorized Official

Name and Title of Contractor’s Authorized Official

Date

SECTION 13. Political Activity

No portion of program funds shall be used for any partisan political activity or to further the election or defeat of any candidate for public office. Neither the program nor the funds provided therefore, nor the personnel employed in the administration of this Contract or its Funding Agreements, shall be in any way or to any extent, engaged in the conduct of political activities in contravention of The Hatch Act (5 U.S.C. 15).

SECTION 14. Oversight of Project Contract

Jackson County has designated the Jackson County Emergency Management Coordinator, Lyn Medinger, to oversee the successful completion of the contract. Lyn Medinger shall have the full authority to act on behalf of Jackson County.

SECTION 15. Awarding Agency Requirements and Regulations Pertaining to Reporting

___ must provide information as necessary and as requested by the Iowa Homeland Security for the purpose of fulfilling all reporting requirements related to the CDBG program.

SECTION 16. Equal Employment Opportunity. "During the performance of this contract, the ___ agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual 7 See 2 C.F.R. Part 200, Appendix II, § C. Contract Provisions Guide 11 orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for

employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

(3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

(4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other Contract Provisions Guide 12 sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the applicant so participating is a state or local government, the above

equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance. The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

SECTION 17. All Contracts in Excess of \$100,000

In addition to the preceding provisions, contracts in excess of \$100,000 shall require compliance with the following laws and regulations:

Section 306 of the Clean Air Acts (42 U.S.C. 1857(h)).

Section 508 of the Clean Water Act (33 U.S.C. 1368).

Executive Order 11738. *Providing administration of the Clean Air and Water Acts*

EPA Regulations – 40 CFR, Part 15.

Clean Air and Water Acts - required clauses:

This clause is required in all third party contracts involving projects subject to the Clean Air Act (42 U.S.C. 1857 et seq.), the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), and the regulations of the Environmental Protection Agency with respect to 40 CFR Part 15, as amended. It should also be mentioned in the bid document.

During the performance of this contract, the ___ agrees as follows:

- (1) ___ will certify that any facility to be utilized in the performance of any nonexempt contract or subcontract is not listed on the Excluded Party Listing System pursuant to 40 CFR 32.
- (2) ___ agrees to comply with all the requirements of Section 114 of the Clean Air Act, as amended, (42 U.S.C. 1857c-8) and Section 308 of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1318) relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in said Section 114 and Section 308, and all regulations and guidelines issued thereunder.

- (3) ___ agrees to report each violation of the Clean Air Act and the Federal Water Pollution Control Act, as amended, to the JCEM and understands and agrees that the JCEM will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency (FEMA) and the appropriated EPA Regional Office.
- (3) ___ agrees that as a condition for the award of the contract, prompt notice will be given of any notification received from the Director, Office of Federal Activities, Environmental Protection Agency, indicating that a facility utilized or to be utilized for the contract is under consideration to be listed on the Excluded Party Listing System.
- (4) ___ agrees that it will include or cause to be included the criteria and requirements in Paragraph (1) through (4) of this section in every nonexempt subcontract and require every subcontractor to take such action as the Government may direct as a means of enforcing such provisions.

SECTION 18. All Construction Contracts In Excess of \$2,000 – Davis Bacon does not apply to this contract.

Federal Labor Standards

In addition to the preceding provisions, all construction contracts in excess of \$2,000 must include the Federal Labor Standards Provisions (verbatim) found in Appendix 2 under Required Contract Provisions. (Housing rehabilitation contracts of less than 8 units are excluded from this requirement.)

Federal Labor Standards Provisions (verbatim) found in Appendix 2, including:

- Davis-Bacon and Related Acts
- Contract Work Hours and Safety Standard Act
- Copeland Anti-kickback Act

SECTION 19. Remedies

Non-delivery by ___ on the agreed-upon installation, training and completion date or other vendor non-performance will require a penalty of not less than \$100 per day until such time that ___ is compliant with the terms of the contract and has been accepted by JCEM. This provision shall not apply in instances where the delay has been caused by any force of nature or acts of God.

SECTION 20. Debarment and Suspension

Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see [2 CFR 180.220](#)) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at [2 CFR 180](#) that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than [Executive Order 12549](#)

This contract is a covered transaction for purposes of 2 C.F.R. Part 180 and 2 C.F.R. Part 3000. As such, the contractor is required to verify that none of the contractor's principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

The contractor must comply with 2 C.F.R. Part 180, subpart C and 2C.F.R. Part 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

This certification is a material representation of fact relied upon by Jackson County. If it is later determined that the contractor did not comply with 2 C.F.R. Part 180, subpart C and 2 C.F.R. Part 3000, subpart C, in addition to remedies available to Jackson County, the federal government may pursue available remedies, including but not limited to suspension and/or debarment.

The bidder or proposer agrees to comply with the requirements of 2 C.F.R. Part 180, subpart C and 2 C.F.R. Part 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.”

Signed this _____ day of _____ 2024

Signed this _____ day of _____ 2024

By

By Jackson County Emergency Mgmt

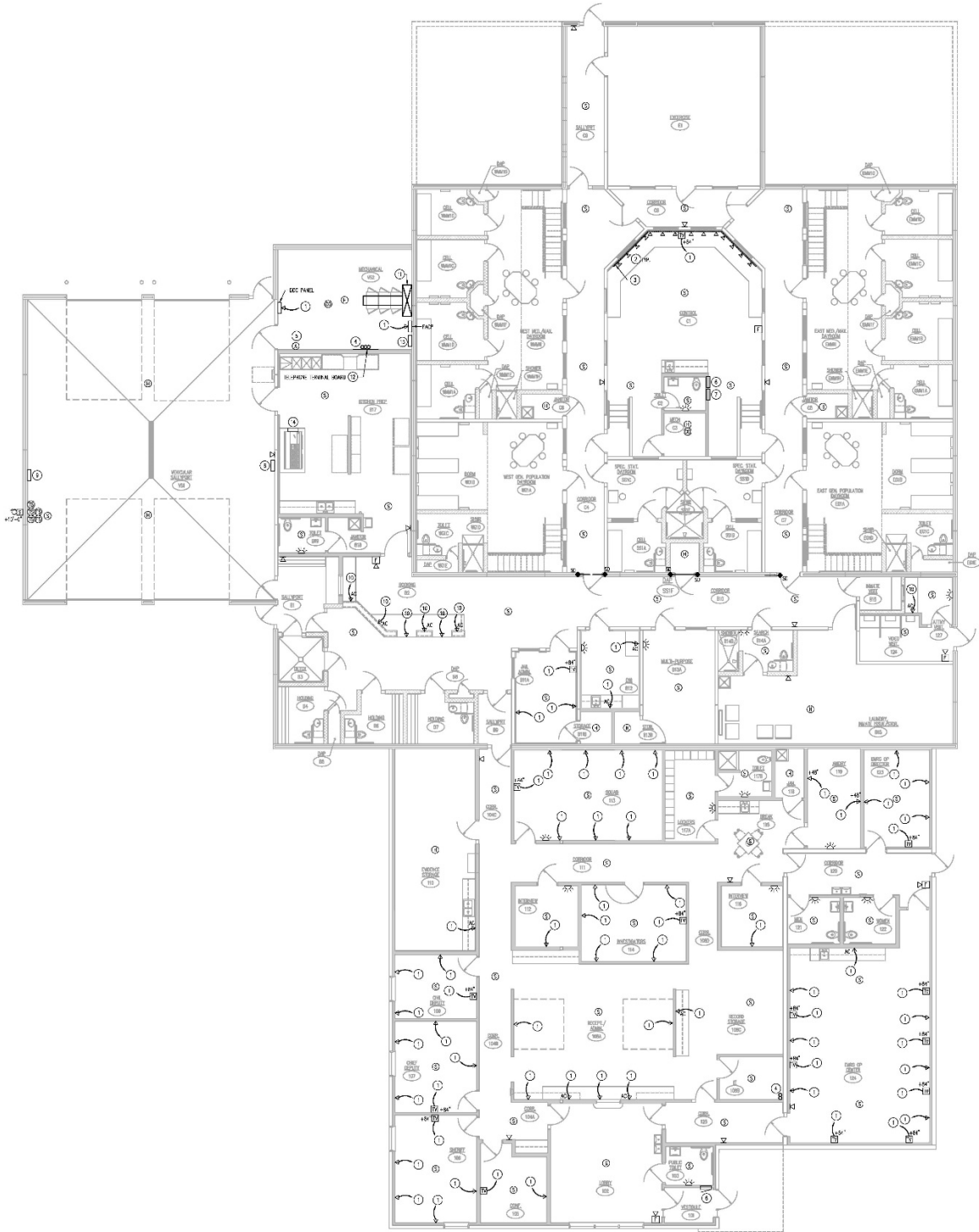
Signature

Signature

Title

Title

Jackson County EOC Audio-Visual Systems



 **MAIN FLOOR PLAN - SPECIAL SYSTEMS**
SCALE: 1/8" = 1'-0"
PLAN NORTH

6.0 Alternate

- A. Warranty Extensions, additional Years of warranty coverage.
 - a. Year 2
 - b. Year 4