



COLLIN COUNTY

Office of the Purchasing Agent
2300 Bloomdale Road
Suite 3160
McKinney, Texas 75071
www.collincountytx.gov

ADDENDUM No. Two (2)

Audio Visual for County and District Courts RFP No. 2014-113

Effective: February 26, 2014

You are hereby directed to make changes to the Request for Proposal in accordance with the attached information:

Delete Documents:

- Exhibit A- Typical Hearing Room Audio Schematics
- Exhibit B- Typical Hearing Room Control Schematics
- Exhibit C- Typical Hearing Room Video Schematics
- Exhibit D- Typical Large Courtroom Audio Schematics
- Exhibit E- Typical Large Courtroom Control Schematics
- Exhibit F- Typical Large Courtroom Video Schematics
- Exhibit G- Typical Small Courtroom Audio Schematics
- Exhibit H- Typical Small Courtroom Control Schematics
- Exhibit I- Typical Small Courtroom Video Schematics

Replaced with:

- Exhibit A- Auxiliary Courtroom Audio Schematics
- Exhibit B- Auxiliary Courtroom Control Schematics
- Exhibit C- Auxiliary Courtroom Video Schematics
- Exhibit D- Ceremonial Courtroom Audio Schematics
- Exhibit E- Ceremonial Courtroom Control Schematics
- Exhibit F- Ceremonial Courtroom Video Schematics
- Exhibit G- District Courtroom Audio Schematics
- Exhibit H- District Courtroom Control Schematics
- Exhibit I- District Courtroom Video Schematics

Add Documents:

- Attachment C- Attendee List
- Attachment D- Courthouse Security Requirements
- Attachment E- County Court Product Data Part 1
- Attachment F- County Court Product Data Part 2
- Attachment G- Pre-Proposal Q&A
- Exhibit J- County Courtroom Audio Schematics
- Exhibit K- County Courtroom Control Schematics
- Exhibit L- County Courtroom Video Schematics
- Exhibit M- Plates Schematics
- Exhibit N- Equipment Rack Schematics

Exhibit O- CAD Types of Courtrooms
Exhibit P- CAD County Court Reflective Ceiling
Exhibit Q- District Attorney Touch Panel
Exhibit R- District Bailiff Touch Panel
Exhibit S- District Judges Touch Panel
Exhibit T- County Attorney Touch Panel
Exhibit U- County Bailiff Touch Panel
Exhibit V- County Judges Touch Panel
Exhibit W- Auxiliary Attorney Touch Panel
Exhibit X- Auxiliary Bailiff Touch Panel
Exhibit Y- Auxiliary Judges Touch Panel

Delete: Revised-Attachment A-Pricing Sheet

Replace with: Revised-Attachment A-Pricing Sheet (2) (Changes made in red)

Delete: Revised-Audio Visual-County and District Courts-FY2014-RFP Final (2)

Replace with: Revised-Audio Visual-County and District Courts-FY2014-RFP Final (3) (Changes made in red)

Extended Question & Answer date: Scheduled to end Friday, February 28, 2014 at 5:00p.m.

Extended Bid End Date to: Thursday, March 6, 2014 at 2:00p.m.

Clarification:

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- Contractors are required to provide their own trash dumpster and haul away services!
- NO deliveries will be accepted by Collin County Government employees. All deliveries are the responsibility of the contractor. It's best to have all deliveries sent to your place of business and then delivered to site by installers.
- There are a total of 19 (Nineteen) courtrooms which includes, 9 (Nine) District courtrooms, 1 (One) Ceremonial courtroom, 7 (Seven) County courtrooms, and 2 (Two) Auxiliary courtrooms.
- The Ceremonial Courtroom is considered an auxiliary courtroom but the configuration is the same as the District Courtroom.
- During the pre-bid we began by viewing the County Court at Law Auxiliary Courtroom this is classified as a County Courtroom.
- Please include at least five (5) references with names, addresses, telephone numbers and e-mail address.
- Item 5.13.8.8-Number of cables required: Collin County has a mixture of 24 and 48 port patch panels to be utilized in this project. There are already 8 cable runs between the AV closets and the IDF's. These 8 cables shall be pulled back up into the ceiling and rerouted to the patch panels. The remaining ports on a 24 port patch panel shall be run to the IDF. As for the 48 port patch panels, only the first 24 ports shall be used and shall be cabled exactly like the 24 port panels.

- The AMX RMS will be required of the new design. Please duplicate all existing functions and recommend additional functionality to help the county maximize its investment in this product. Collin County is not currently fully aware of all available functionality of the AMX RMS system.
- Items 5.13.11.5 & 5.13.11.6-(2) two DXLink transmitters will be required at the presentation station to accommodate both inputs.
- The only analog connections will be at the Attorney stations as VGA Laptop inputs and shall be via the AMX DXLINK Multi-TX module. No other analog video connections whether input or output shall exist.

Please note all other terms, conditions, specifications drawings, etc. remain unchanged.

Sincerely,
Michalyn Rains CPPO, CPPB
Purchasing Agent

Audio Visual for County & District Courts
Pre-Proposal Conference-Attendee List
February 14, 2014 at 2:00p.m.

Attendees:

D.R. Betts, Schoolhouse AV
Chris Hinkle, Schoolhouse AV
Jim Cole, Lantek
Bob Ellis, ProSound & Video
David McCarley, Visual Innovations
Brian Chase, Broadcast Works
Larry Durbin, Howard Tech Solutions
Gary Stone, Videotex
Bryant Hick, Videotex
Deanne Lee, Summit Integration
Dave Johnson, Troxell
Jennifer Berendt, Troxell
Gregg Coopman, AVI-SPL
Dan Grogan, AVI-SPL
Titos Sam, AMX
Jacob Campbell, Ford AV
Joe Booher, FSG Technology
Ronnie Webb, FSG Technology
Norm Birt, Collin County IT
Michael Beeson, Collin County IT
Brad Harris, Collin County Construction & Planning
Pam DeVault, Collin County Courts
Sara Hogle, Collin County Purchasing
Courtney Wilkerson, Collin County Purchasing

Security requirements for contractors working at the Collin County Courthouse.

- 1.) Background Checks, Photo ID Access Badges and Personal Photo ID is required by everyone working inside the Courthouse.
- 2.) All equipment, supplies and installation tools must be brought in to the building through the secured truck dock and freight elevator with a county escort.
- 3.) All equipment and tools inside the building will remain locked in the courtrooms until authorized to move to the next courtroom.
- 4.) All workers not transporting equipment or tools are required to enter through the front of the building and walk through the security scanners. NO tools or equipment will be allowed through main entry security scanners.
- 5.) Any workers found in unscheduled work areas or in public areas with tools or equipment can be detained by Homeland Security or County Sheriff.
- 6.) Any equipment found outside a scheduled work area without a county escort can be confiscated by Homeland Security or County Sheriff.
- 7.) The contractor is liable for their employees or subcontractors actions while on courthouse property.
- 8.) Any persons found not following these requirements can be permanently removed from this project.

Coordinate all the background checks, badges and escorts with Norm Birt of the Collin County IT.



Audio Visual for County District Courts

RFP No. 2014-113

Attachment A - Pricing Sheet

Description	Recommended Manufacturer Part/Model No.	State Manufacturer Part/Model No. Bid	State price per item (each)	Proposed Total	Estimated Total	Total Price
Display and Source Devices						
90" LED TV	Most recent version of Sharp LC90LE657U Collin County approved equal				12	\$0.00
19" 1080P Touch Panel display	Most recent version of the ELO Touch Systems 1900L or equivalent with the necessary ability to be folded down and out of the way				44	\$0.00
Blu-Ray Player	Most recent version of Denon DBT-1713UDP Universal Player or Collin County approved equal				13	\$0.00
Video Switcher						
Video Switcher (Configuration 1)	AMX Enova DGX Series with appropriate number of HDMI and DXLink Input and Output cards and Insert/Extract boards				0	\$0.00
Video Switcher (Configuration 2)	AMX Enova DGX Series with appropriate number of HDMI and DXLink Input and Output cards and Insert/Extract boards				0	\$0.00
Video Switcher (Configuration 3)	AMX Enova DGX Series with appropriate number of HDMI and DXLink Input and Output cards and Insert/Extract boards				0	\$0.00



Audio Visual for County District Courts

RFP No. 2014-113

Attachment A - Pricing Sheet

Document Camera	Avervision AVER-PL50, or Collin County approved equal				12	\$0.00
Installation Fees for Video					1	\$0.00
Miscellaneous Items						
AMX touch panels	AMX MXT-1001 touch control panel				20	\$0.00
AMX touch panels	AMX MST-1001 touch control panel				19	\$0.00
AMX touch panels	AMX MST-431 touch control panel				19	\$0.00
AMX Power Distribution	AMX NXA-PDU-1508-8				20	\$0.00
AMX Multi-Preview Live	MXA-MPL, Modero X Series Multi Preview Live				20	\$0.00
Annotation System	Boeckeler PointMaker CPN-5000 or Collin County approved equal with optional Comm-4 RS-232 expansion card.				20	\$0.00
Cat6 Patch Panel	Panduit CPPL48WBLY				38	\$0.00
Installation Fees for Audio					1	\$0.00
Miscellaneous Fees						
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
Project Total (without Trade In)						\$0.00





Audio Visual for County District Courts

RFP No. 2014-113

Attachment A - Pricing Sheet

Description	Recommended Manufacturer Part/Model No.	State Manufacturer Part/Model No. Bid	State trade in value per item (each)	Proposed Total	Project Total	Total Price
Collin County Old Equipment						
NEC Accusync LCD721VX Touch Panel Monitor					51	\$0.00
Extron RGB-192 RGB/VGA interface					76	\$0.00
Lumens PS400 Document Camera					14	\$0.00
AMX NXT-CV7 Touch Panel					21	\$0.00
AMX NXT-1700VG RGB Touch Panel					37	\$0.00
AMX NXA-AVB/RGB					53	\$0.00
AMX Netlinks Power Supply					55	\$0.00
AMX NI-2100 Master Controller					14	\$0.00
AMX NI-3100 Master Controller					6	\$0.00
AMX NXA AVB Ethernet					2	\$0.00
Boeckeler PointMaker PVI-X90DR					20	\$0.00
Extron Xpoint 300 88HVA Matrix Switcher					14	\$0.00
Extron XPT Ultra 128HVA Matrix Switcher					6	\$0.00
Extron DA6 RGBHV Distribution Amplifier					11	\$0.00
Extron MTP DA-8 Distribution Amplifier					6	\$0.00
Extron MTP T 15HD RS					7	\$0.00
Extron UTP Cat6-VGA convert					41	\$0.00
Samsung DVD-V5650 DVD/VCR Combo player					12	\$0.00
3M 9000 PD Plus Digital Wall Display					2	\$0.00
Trade In Total						\$0.00
Project Total (with Trade In)						\$0.00

4.0 EVALUATION CRITERIA AND FACTORS

4.1 The award of the contract shall be made to the responsible offeror whose proposal is determined to be the lowest and best evaluated offer resulting from negotiation, taking into consideration the relative importance of price and other factors set forth in the Request For Proposals in accordance with Vernon's Texas Code Annotated, Local Government.

Level 1 - Conformance with Mandatory Technical Requirements

Criteria assessed during Level 1:

- The video processing/switching/control equipment shall be AMX with no substitutions allowed.

The first part of the evaluation process is to validate the completeness of the proposal and ensure that all the RFP guidelines and submittal requirements are met. Those contractors who do not meet all the requirements for the RFP may, at the discretion of the County, be contacted to submit the missing information within two business days. Incomplete or noncompliant RFPs may be disqualified.

Level 2- Detailed Proposal Assessment

Criteria assessed during Level 2:

- 20% QUALIFICATIONS OF FIRM (Refer to Section 6.1.1)
REFERENCES/COMPARABLE EXPERIENCE (Refer to Section 6.8.1)
- 20% COST
- 10% MAINTENANCE/WARRANTY/RESPONSE TIME (Refer to Section 6.9.1)
- 20% WORK PLAN/TIMELINE (Refer to Section 6.5.1)
- 30% RESPONSE TO BUSINESS REQUIREMENTS (Refer to Section 6.10)

Level 3–Best and Final Offer

BEST AND FINAL OFFERS: Collin County reserves the right at its sole option to extend a Best and Final Offer (BAFO) opportunity to any or all of the top scoring contractors. Contractors may be asked to submit additional information specific to program specifications and cost.

5.0 SPECIAL CONDITIONS AND SCOPE OF SERVICES

5.1 Authorization: By order of the Commissioners' Court of Collin County, Texas sealed proposals will be received for **Audio Visual for County & District Courts.**

5.2. Intent of Request for Proposal: Collin County's intent of this Request For Proposal (RFP) and resulting contract is to provide offerors with sufficient information to prepare a proposal for equipment and installation for **Audio Visual for County & District Courts.**

5.3 Term: Provide for a term contract commencing on the date of the award and continuing project is complete.

5.4 Pre-Proposal Conference: A **mandatory** pre-proposal conference will be held Friday, February 14th, 2014 at 2:00 p.m. in the County Court at Law Auxiliary Courtroom, 2100 Bloomdale McKinney, TX 75071. The group will then visit each type of courtroom. It is the offeror's responsibility to review the site and documents to gain a full understanding of the requirements of the RFP. All contractors desiring to submit a proposal should have a representative at the pre-proposal conference; contractors that do not attend the pre-proposal conference shall not be considered in the evaluation for award of a contract per Texas Local Government Code 262.0256.

5.5 Funding: Funds for payment have been provided through the Collin County budget approved by the Commissioners' Court for this fiscal year only. State of Texas statutes prohibit the County from any obligation of public funds beyond the fiscal year for which a budget has been approved. Therefore, anticipated orders or other obligations that arise past the end of the current Collin County fiscal year shall be subject to budget approval.

5.6 Completion/Response Time: Contractor shall place product(s) and/or complete services at the County's designated location within the number of calendar days according to the schedule proposed by offeror in section 6.5.

5.7 Delivery/Setup/Installation Location: Locations for delivery and installation will be stated on the Collin County Purchase Order(s). Delivery shall include assembly, setup and installation and shall be included in proposal. Below is the address for work to be completed.

Collin County Courthouse
2100 Bloomdale Road
McKinney, TX 75071

5.8 Samples/Demos: When requested, samples/demos shall be furnished free of expense to Collin County.

5.9 Approximate Usage: The scope of work with quantities is listed in Attachment A, Pricing Sheet.

5.10 Background Check: All Contractor employees that will be working on site or by VPN must pass a background check performed by Collin County before any work may be performed.

5.11 **PROPOSAL SCHEDULE**

RFP released: **February 4, 2014**

Pre-Proposal Conference: **February 14, 2014 at 2:00 p.m.**

Deadline for submission of contractor questions: **February 28, 2014 at 5:00 p.m.**

Proposals due:	March 6, 2014 2:00 p.m.
Award of Contract:	May 2014
Effective date of contract:	Upon award

5.12 PURPOSE/SCOPE OF WORK

Collin County is looking to upgrade all backend Audio Visual equipment and convert the Audio Visual equipment in all County and District Courtrooms to digital. There are a total of 19 (Nineteen) courtrooms which includes, **9 (Nine) District courtrooms, 1 (One) Ceremonial courtroom, 7 (Seven) County courtrooms, and 2 (Two) Auxiliary courtrooms.** There are several differences between each type of courtroom. In addition the County will be replacing the wall mounted displays and tabletop touch panel screens in 10 (Ten) District courtrooms and 2 (Two) Auxiliary courtrooms. The displays in the 7 (seven) County courtrooms do not need to be replaced at this time. The County requires that all proposed video processing/switching/control equipment shall be AMX with no substitutions allowed.

Contractor shall have an opportunity to purchase all equipment removed from the courtrooms from Collin County. (For a complete list of equipment, Refer to Attachment B, Collin County Old Equipment and Parts) If the contractor does not wish to purchase this equipment from Collin County, contractor shall palletize and store said equipment in the Computer Parts warehouse located in the lower level of the Courthouse.

Collin County will be re-utilizing the following components of the existing Audio Visual system within the specified courtrooms:

- All Bi-Amp Audia DSP's
- All microphones
- All speakers
- All audio amplifiers
- All UPS's
- All Wilson Audio Infrared Listening Assist devices
- All racks
- All fans
- All power distribution
- All cabling for audio within the courtroom
- The existing Blu-Ray drives in all County Court at Law courtrooms
- The projectors in all County Court at Law courtrooms
- The touchscreen monitors in all County Court at Law courtrooms

Attached are the following drawings that show the current layout.

Exhibit A- Auxiliary Courtroom Audio Schematics
Exhibit B- Auxiliary Courtroom Control Schematics

Exhibit C- Auxiliary Courtroom Video Schematics
Exhibit D- Ceremonial Courtroom Audio Schematics
Exhibit E- Ceremonial Courtroom Control Schematics
Exhibit F- Ceremonial Courtroom Video Schematics
Exhibit G- District Courtroom Audio Schematics
Exhibit H- District Courtroom Control Schematics
Exhibit I- District Courtroom Video Schematics
Exhibit J- County Courtroom Audio Schematics
Exhibit K- County Courtroom Control Schematics
Exhibit L- County Courtroom Video Schematics

5.13 GENERAL BUSINESS REQUIREMENTS

Contractor shall provide a response for each statement below.

5.13.1 Requirements for Audio

5.13.1.1 In general the existing audio system will remain mostly unchanged with a few exceptions. Audio from the attorney stations will be fed to the AMX Multi-format Transmitters and routed from the AMX DGX chassis to the existing DSP.

5.13.2 Requirements for Video

5.13.2.1 System shall be able to accept, process, and switch digital and analog video sources utilizing VGA, DVI, HDMI, or Display Port connectivity.

5.13.2.2 System shall be able to output the appropriate digital video resolution to any display in the system regardless of source resolution utilizing HDMI, DVI, or Display Port for termination.

5.13.2.3 Provide both HDMI and VGA inputs as well as analog audio inputs in the form of a 3.5mm jack for laptop computers at Defense and Plaintiff attorney tables.

5.13.2.4 Provide both HDMI and VGA inputs as well as analog audio inputs at all floor boxes.

5.13.2.5 Provide 1 (One) HDMI input for document cameras in each of 19 (Nineteen) courtrooms.

5.13.2.6 All Signals shall be converted to DXLink and transmitted over Category 6e shielded cable rated for 250Mhz which shall be provided by and installed by the winning contractor.

5.13.2.7 Provide both HDMI and VGA inputs as well as analog audio inputs in the form of a 3.5mm jack at the Judge's bench.

5.13.2.8 Provide a duplicate video feed to the Judges AMX control panel of the images displayed on the rest of the screens in the courtroom for preview mode. This video feed shall be directed to the MXT-1001 to be supplied by the contractor utilizing AMX Multi-Preview Live.

5.13.2.9 Remove all existing RGBHV video cable utilizing it to pull the category 6 cable through the conduit into the Audio Visual closet.

- 5.13.2.10 System shall be able to insert both audio and video from a Cisco/Tandberg MXP3000 video conferencing system into the floor boxes in the open area of the courtroom floor so that the image displayed on the video conferencing cart may be duplicated on the courtroom displays and the audio may be heard through the courtroom speakers.
- 5.13.2.11 Provide 1 (One) HDMI input for all 19 (Nineteen) Blu-ray players to be located between the attorney tables with all necessary hardware and accessories.
- 5.13.2.12 Provide 1 (One) HDMI input with all necessary hardware and accessories for proper mounting at the Judge's bench for connection of a portable electronic device. This and only this input shall not be DXLink, but shall be HDMI from the Judges bench to the Audio Visual Rack.
- 5.13.2.13 Relocate the Infrared transmitter for the Hearing Impaired Listening Assist system from its current location to directly above the 90" Sharp LCD TV reusing the existing mounting bracket, power, and signal cables.
- 5.13.2.14 All images displayed shall be viewable and legible by all members of the Jury, all members of both the prosecution and defense, and the Judge.
- 5.13.2.15 All images displayed shall be clear and sharp with no overscan, blurriness, image smear, blinking, or ghosting.

5.13.3 Requirements for Control

- 5.13.3.1 Control system shall have the same look, feel, and operation of the existing control system. It is the contractors' responsibility to capture a copy of the existing AMX programming code to use as a template for the new code.
- 5.13.3.2 Program AMX control system to control all new devices with identical functionality and interface to existing system.
- 5.13.3.3 The operation of the system shall be identical in look and feel to the existing configuration.

5.13.4 Design Requirements

- 5.13.4.1 Provide "As Built" schematics for Video subsystem to include cable routing and labels in an editable format compatible with Microsoft Office products.
- 5.13.4.2 Provide "As Built" schematics for Audio subsystem to include cable routing and labels in an editable format compatible with Microsoft Office products.
- 5.13.4.3 Provide "As Built" schematics for Control subsystem to include cable routing and labels in an editable format compatible with Microsoft Office products.
- 5.13.4.4 Provide "As built" drawings of how equipment is mounted and cabled within the rack in an editable format compatible with Microsoft Office products.
- 5.13.4.5 Provide a "Cable Matrix" indicating which device plugs into which port of the switcher.

5.13.5 Integration Requirements

- 5.13.5.1 Integrate existing audio subsystem with new video subsystem so that audio follows video when switching sources. Microphone inputs will remain unchanged.
- 5.13.5.2 Account for existing microphone inputs when planning all floor plate configurations.
- 5.13.5.3 The appearance of all courtrooms shall remain unchanged and be identical to the condition in which it was found prior to the start of work in that room.
- 5.13.5.4 Contractor shall ensure all Courtroom systems are integrated with AMX RMS. All systems are currently programmed for RMS and this capability needs to be retained and enhanced, if possible.

5.13.6 Interface Requirements

- 5.13.6.1 Laptop inputs at Attorney tables shall be able to accept inputs from the following display adapter types to include VGA, DVI, HDMI, Mini HDMI, Micro HDMI, Apple iPhone/iPad adapters, and Display Port. Compatibility with DVI, Display Port, Mini/Micro HDMI and Apple connectors may be accomplished with the use of adapters to be provided by the contractor.
- 5.13.6.2 Provide a list of adapters for the Courtroom staff to reference. This list shall be in both physical and electronic form.

5.13.7 Testing Requirements

- 5.13.7.1 Fully test the final system according to industry standards to ensure proper functionality of all audio and video inputs and outputs. This test shall be performed in each courtroom. County Audio/Visual Administrator or alternate shall be present during testing and shall sign off on each item tested.
- 5.13.7.2 Fully test the final system according to industry standards to ensure proper functionality of the control system. This test shall be performed in each courtroom. County Audio/Visual Administrator or alternate shall be present during testing and shall sign off on each item tested.
- 5.13.7.3 Provide a complete report of all testing results back to Collin County upon completion of testing. This report shall be in an editable format compatible with Microsoft office products.

5.13.8 Physical and Implementation Requirements

- 5.13.8.1 Responsible for mounting of all wall mounted displays in 10 (Ten) District and 2 (Two) Auxiliary courtrooms and shall provide all necessary hardware and incidentals to meet this requirement.

- 5.13.8.2 Responsible for mounting of all equipment in the rack and shall provide all necessary hardware and incidentals for such.
- 5.13.8.3 Responsible for providing, running and terminating all required cabling and labeling them per County Standards.
- 5.13.8.4 Responsible for removing the mounted TV's and Smart board overlay's in 10 (Ten) District Courtrooms and preserving in bubble wrap. Contractor shall then provide these TV's back to Collin County.
- 5.13.8.5 Responsible for removing the mounted projector/screen from the wall in the 2 (two) Auxiliary courtrooms. Once removed, Contractor shall wrap them in bubble wrap and return to Collin County.
- 5.13.8.6 Responsible for removing the existing video switching equipment from the rack in the Audio Visual closet. This equipment shall include the Extron Crosspoint Matrix Switcher, the Extron distribution amplifier, and the Boeckeler PointMaker.
- 5.13.8.7 Responsible for removing all components of the existing system which will not be reused in the new system and shall wrap them in bubble wrap and provide them back to Collin County.
- 5.13.8.8 Install 1 (One) Panduit CPPL48WBLY Cat6 patch panel in each equipment rack located in the AV closet for each of 19 (Nineteen) courtrooms and 1 (One) Panduit CPPL48WBLY Cat6 patch panel for each courtroom in the associated IDF for that floor and quadrant. Contractor shall also run Cat 6 cable between the IDF and each Audio Visual closet and terminate each end into the newly installed patch panel.
- 5.13.8.9 Relocate any existing network drops from the wall of the Audio Visual closet to Ports 1-8 of the patch panel in the Audio Visual rack.
- 5.13.8.10 ~~Run all new Cat6 cable from the courtroom to ports 25-48 of the patch panel located in the Audio Visual rack. Any network cabling required by the new system from the courtroom to the AV closet shall be new Shielded Cat6 and shall be terminated as necessary to either the patch panel for network access or the rack mounted device~~
- 5.13.8.11 Label all cables and patch panels per Collin County standards.
- 5.13.8.12 All new Cat6 cable shall be terminated with Female RJ-45 jacks mounted in the floor plate or wall plate.
- 5.13.8.13 All work shall be performed during normal business hours (Monday – Friday, 8am – 5pm). Weekend and after hours work will not be permitted.
- 5.13.8.14 Contractor shall have 2 (Two) weeks per courtroom 19 (Nineteen) courtrooms total to complete demo of old system and install/testing of new system for acceptance.
- 5.13.8.15 Remove existing trim plates under desks and in floor boxes in order to make room for new trim plates.
- 5.13.8.16 All signals shall be converted to DXLink and transmitted over Category 6 cable which shall be provided by and installed by the winning contractor with the exception of the HDMI Input at the Judge's bench for portable devices.

5.13.9 Other Requirements

- 5.13.9.1 All programming code belongs to Collin County and shall be provided to the Collin County Audio/Visual Administrator upon completion of the project along with a copy of the programming software.
- 5.13.9.2 Provide a single point of contact to act as Project Manager on their behalf.
- 5.13.9.3 Provide to Collin County a complete list of all configuration settings used within all devices.
- 5.13.9.4 All technical communication of any kind shall go through the contractors' Project Manager, the Collin County Project Manager, and the Collin County Audio/Visual Administrator.
- 5.13.9.5 Contractor shall have an office located within 2 (Two) hours of the site so that they may provide onsite support within the specified time limit of the warranty.
- 5.13.9.6 Collin County is requesting that the contractor review all AMX programming code including RMS for recommendations on improved functionality or capabilities, for instance adding a button to the touch panels for lowering the projector lift to their maintenance height, approximately 6-8ft below the ceiling, so that it can be accessed without the need for a ladder.
- 5.13.9.7 Provide all new equipment for this project. None of the required equipment shall be refurbished, or reused.
- 5.13.9.8 Provide offsite storage for all equipment purchased for this project and shall be responsible for theft or damage to the equipment until final acceptance of each courtroom. Collin County will not provide any onsite storage.
- 5.13.9.9 Review RFP requirements for completeness and accuracy in order to ensure a full and properly functioning system upon completion. Please note that no amendments shall be allowed once proposal has been accepted by Collin County. If the contractor misses a piece of equipment, requirement, incompatibility, or service required for a complete and functioning solution it shall be their responsibility to correct it at their own expense whether by purchasing the missing components or performing the required labor.
- 5.13.9.10 Provide all configuration notes to Collin County. These notes shall be customized specifically for Collin County.
- 5.13.9.11 Submit to Collin County at the time of RFP submittal product data sheets for all proposed items.
- 5.13.9.12 Account for and provide solution for power to devices requiring POE (Power over Ethernet). Contractor shall provide this information within the RFP response so that the county may evaluate availability of switch ports.

EQUIPMENT REQUIREMENTS FOR EACH COURTROOM

5.13.10 EQUIPMENT – AUDIO & VIDEO CONNECTIVITY

5.13.10.1 All audio and video connections between the courtroom and the equipment rack shall adhere to accepted industry standards.

5.13.11 EQUIPMENT - VIDEO (Refer to Attachment A, Pricing Sheet for quantities)

5.13.11.1 AMX Enova DGX series Video Matrix Switcher with the appropriate number of HDMI and DXLink input and output cards and audio insert/extract boards as well as all necessary items for control of all devices. Contractor shall be responsible for determining the appropriate number of input and output cards for each of the different courtroom types during the pre-bid walkthrough.

5.13.11.2 90" 1080P resolution LED display for 10 (Ten) District Courtrooms and 2 (Two) Auxiliary Courtrooms for primary display. The display shall be equivalent to or latest version of Sharp LC90LE657U with all necessary hardware and required accessories for mounting and connection. This item not required for County Court at Law courtrooms due to the existing Projector.

5.13.11.3 19" 1080P resolution touch panel displays for 10 (Ten) District Courtroom and 2 (Two) Auxiliary Courtrooms such that each District courtroom receives 4 (Four) displays and each Auxiliary courtroom receives 2 (Two) displays. Model number shall be most recent version of the ELO Touch Systems 1900L with all necessary hardware and required accessories in order to match existing touch panels in County Court at Law courtrooms. Any alternate recommendation must have the same ability to be folded down and out of the way as the ELO 1900L providing maximum workspace surface area.

5.13.11.4 AMX MXT-1001 touch control panel equipped with Multi Preview Live and all necessary hardware and required accessories for all of 19 (Nineteen) courtrooms. Contractor shall locate this device at the Judge's Bench.

5.13.11.5 Most recent version of Denon DBT-1713UDP Universal Player or equivalent with all necessary hardware and required accessories for each of 10 (Ten) District Courtrooms and 2 (Two) Auxiliary Courtrooms. This item is not needed in the County Court at Law due to the presence of existing Blu-Ray players in those courtrooms.

5.13.11.6 Most recent version of AVerision AVER-PL50 document camera with all necessary hardware and required accessories for each of 10 (Ten) District Courtrooms and 2 (Two) Auxiliary Courtrooms. This is the same model already employed in the County Court at Law courtrooms.

5.13.11.7 AMX MST-1001 touch control panel with all necessary hardware and required accessories for all of 19 (Nineteen) Courtrooms. Contractor shall locate this device at the Bailiff's desk.

5.13.11.8 AMX MST-431 touch control panel with all necessary hardware and required accessories for all of 19 (Nineteen) Courtrooms. Contractor shall locate this device at the table in between the attorney stations.

- 5.13.11.9 Boeckeler PointMaker CPN-5000 with Comm 4 expansion module for each of 19 (Nineteen) courtrooms. Contractor shall install said PointMaker into the Audio Visual Rack and shall integrate it with the AMX DGX Matrix Switcher such that any image displayed on the Audio Visual system may be annotated upon, audio visual, and exported for printing.
- 5.13.11.10 Provide and install one AMX NXA-PDU-1508-8 for each of 19 (Nineteen) courtrooms for monitor and control of power to the system.

5.14 MAINTENANCE/WARRANTY REQUIREMENTS

- 5.14.1 All products and workmanship shall be warranted under normal use and service from the date work is completed through one (1) year after final acceptance of last courtroom. Warranty shall include defects in workmanship and material. During warranty period, supplier shall also replace or repair, free of charge, any equipment proven to be defective in workmanship or material. Owner furnished equipment shall be exempt from this warranty.
- 5.14.2 Electronic devices not manufactured by supplier shall carry any original manufacturer's warranty which exceeds the contractor one (1) year warranty. Pass any registration and warranty documents and warranty rights to the County.

5.15 WARRANTY-RESPONSE TIME

- 5.15.1 All items reported shall receive a response via phone within 2 hours from the date/time of original notice of issue.
- 5.15.2 All items reported that require onsite repair/replace, technician shall be onsite within 24 hours (next Business Day) from the date/time of original notice of issue. (Phone call, online request, etc.)

5.16 Test Bed System

- 5.16.1 The following items are being requested in order to provide Collin County with a test bed to troubleshoot issues and firmware updates without affecting an operational system.
 - 5.16.1.1 1 x AMX Enova DGX 16 with the appropriate number of HDMI and DXLink input and output cards and audio insert/extract boards.
 - 5.16.1.2 1 x AMX MXT-1001 touch control panel equipped with Multi Preview Live and all necessary hardware and required accessories.

- 5.16.1.3 1 x Denon DBT-1713UDP Universal Player or equivalent with all necessary hardware and required accessories.
- 5.16.1.4 1 x ELO 1900L 19 inch touch panel display.
- 5.16.1.5 1 x Boeckeler PointMaker CPN-5000 with Comm 4 expansion module.
- 5.16.1.6 1 x AMX NXA-PDU-1508-8 Power Distribution Unit.
- 5.16.1.7 1 x AMX AVB-TX-MULTI-DXLINK Multi-format transmitter.
- 5.16.1.8 1 x AMX AVB-RX-DXLINK-HDMI receiver module.
- 5.16.1.9 1 x AMX EXB-MP1 Multi-port control module.
- 5.16.1.10 1 x AMX MXA-MPL Multi-Preview Live Module.
- 5.16.1.11 All necessary cables to properly connect these components together into a working system.

6.0 PROPOSAL FORMAT

6.1 The proposal shall be submitted in either electronic format via www.bidsync.com or hard copy in according to the following requirements. At a minimum, include a Table of Contents detailing sections and corresponding page numbers, and shall be printed on letter-size (8-1/2"x 11") paper and assembled with spiral-type bindings or staples. DO NOT USE METAL-RING HARD COVER BINDERS. Proposal shall include but not be limited to information on each of the following:

6.1.1 FIRM OVERVIEW

Offeror is requested to define the overall structure of the Firm to include the following

- 6.1.1.1 A descriptive background of your company's history.
- 6.1.1.2 State your principal business location and any other service locations.
- 6.1.1.3 What is your primary line of business?
- 6.1.1.4 How long Audio Visual you been selling product(s) and/or providing service(s)?
- 6.1.1.5 State how many and the locations where your product/services are in use.

6.2 PROPOSED PROJECT TEAM/STAFF QUALIFICATIONS/EXPERIENCE/CREDENTIALS

6.2.1 Offeror is requested to provide qualifications as well as experience information on Offeror's key personnel.

6.3 PROPOSED PROJECT

6.3.1 Offeror is requested to identify the proposed product(s)/service(s) to include but not limited to the following areas:

6.3.1.1 Project to include all necessary components to render it complete and operational;

6.3.1.2 Project Plan to include:

- 6.3.1.2.1 Installation
- 6.3.1.2.2 Education and Training
- 6.3.1.2.3. Testing and Support
- 6.3.1.2.4 Impact on current system
- 6.3.1.2.5 Warranty
- 6.3.1.2.6 Maintenance
- 6.3.1.2.7 Documentation
- 6.3.1.2.8 Conversion

6.4 REFERENCES

6.4.1 Offeror is requested to include at least five (5) references with names, addresses, telephone numbers and e-mail address.

6.5 TIME SCHEDULE

6.5.1 Provide a schedule on each phase of the proposed project beginning with program development and ending with the date of operation. It is estimated that installation will begin May 2014. The schedule shall include all tasks that will require time in the process, such as County review (identify amount of time assumed for each task). Collin County is requesting that the contractor start by upgrading one courtroom at a time beginning with County Court at Law #7 which is an empty courtroom, then move each court into that courtroom while theirs is being worked on. All work shall be performed during normal business hours (Monday – Friday, 8am – 5pm). Weekend and after hours work will not be permitted.

6.6 PRICING/FEES

6.6.1 See Attachment A for Pricing Sheet. Be sure to include all items necessary to render project complete and operational.

6.6.2 If you are proposing a trade in on the old equipment. Please include the cost and list of equipment that will be required for trade in.

6.7 FINANCIAL STATEMENTS

6.7.1 Offeror is requested to submit recent financial statements with their proposal. Audited financial statements are not mandatory. Unaudited financial statements will be accepted. If offeror's firm does, however, have audited statements; please include a copy with your proposal.

6.8 OTHER PROJECTS INVOLVED WITH

6.8.1 Offeror is requested to provide a list of other projects that you are currently involved with or will be involved with.

6.9 MAINTENANCE/WARRANTY/RESPONSE TIME

6.9.1 Offeror is requested to respond to Warranty/Response time. (Refer to Section 5.14-5.15)

6.10 GENERAL BUSINESS REQUIREMENTS

6.10 Offeror shall provide a response for each of the requirements in section 5.13.