



United States District Court – Southern District of Illinois

750 Missouri Avenue
East St. Louis, Illinois 62201
618-482-9371

301 West Main Street
Benton, IL 62812
618-439-7760

REQUEST FOR PROPOSAL

Crestron Evidence Presentation System Digital Video Infrastructure Upgrade

RESPONSE DUE BY: Wednesday March 26, 2014 – 5:00pm CDT

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I INTRODUCTION – SUMMARY OF PROCUREMENT

This Request for Proposal (RFP) is being issued by the United States District Court – Southern District of Illinois (ILSD). The district is requesting a turnkey upgrade of the video signal processing and display capabilities of the evidence presentation system located in a second floor courtroom. The project requires all necessary material and professional services to facilitate the upgrade according to the scope of work presented later in this document.

II EVALUATION AND PROCUREMENT PROCESS

The ILSD is requesting proposals from **qualified Crestron partners**.

The ILSD will evaluate the proposals and make the award based on **technically acceptable lowest price criteria**.

The award date is currently set for Wednesday March 26th, 2014.

The ILSD reserves the right to reject any or all proposals, in whole or in part, submitted in response to this RFP. The district further reserves the right to make no award and to modify or cancel, in whole or in part, this RFP.

Procurement Schedule (all times are CDT)	
Issue RFP	3/10/14
Site Visit (750 Missouri Ave, East St. Louis, IL)	3/19/14 – 10:30am
Proposal Due Date and Time	3/26/14 – 5:00pm
Notice of award	3/28/14
Execution of Purchase Order (estimated)	4/4/14

The RFP and any addenda/updates will be available on the District's website: <http://www.ilsd.uscourts.gov>

All proposal submissions along with the acceptance of this RFP must be made via one of the following:

Standard Mail	Email
US District Court ATTN: Tom Galbraith 750 Missouri Avenue East St. Louis, IL 62201	thomas_galbraith@ilsd.uscourts.gov

All materials submitted in response to this solicitation will become the property of the United States District Court – Southern District of Illinois and will be returned only at the district's option. One copy of a submitted proposal will be retained for official files and may become public record.

Vendors submitting proposals do so entirely at their expense. There is no express or implied obligation by the ILSD to reimburse a vendor for any costs incurred in preparing or submitting proposals, providing additional information when requested by the ILSD, or by any participation in this RFP.

Proposals must include the vendor name, address, telephone and facsimile numbers, and federal tax identification number. *Proposals must also include (1) a listing of available start dates subsequent to the PO issuance date, and (2) a timeline for project implementation.*

This RFP does not constitute a contract, an offer for employment, or an offer to purchase. In addition, any purchase order awarded as a result of this RFP is subject to any additional restrictions, limitations, or conditions established by the procurement policies within the ILSD and the Administrative Office of the United States Courts.

The ILSD is exempt from federal, state, and local taxes and will not make payment for any taxes incurred by the vendor in relation to this procurement.

Payment will be remitted to the vendor within 30 days of receipt of all equipment. **The ILSD does not make any advance payment for goods or services.**

III SCOPE OF SERVICES

This solicitation is for the purchase and delivery of the material and professional services necessary to complete an upgrade to the court's existing evidence presentation system using the items listed in the contained bill of materials as a reference baseline.

CURRENT SYSTEM OVERVIEW

The existing evidence presentation system is a multi-media platform with (3) 15-pin VGA and 3.5mm audio input connections at (4) locations – (1) prosecution table, (1) defense table, and (1) presentation cart, and (1) Judge's bench – used for connecting laptop computers as input sources. The presentation cart also contains a document camera and a DVD/VHS

combo unit as source video/audio inputs. The system video source selection, audio controls, and all other system functionality are managed via a Crestron touch panel located at the Courtroom Deputy station. Input video sources are displayed across 18 monitors and one television located throughout the courtroom, and input audio sources are broadcast over speakers located throughout the courtroom. The system is also equipped with wired and wireless microphones. The current video display capability is limited to 1024x768 standard definition resolutions with 4:3 aspect ratios.

The current system allows for the connection of a videoconferencing system as a source input which then displays the far side video of that videoconference to all courtroom displays, and broadcasts the far side audio to all courtroom speakers. The near side participants can speak into any microphone in the courtroom system, and that audio is sent to the far side participants.

The system has annotation capabilities from two touch screen monitors - one located at the presentation cart, and the other located in the witness box.

SYSTEM UPGRADE OVERVIEW

In addition to providing the below component system upgrades, **all current system functionality must be preserved.** It will be the vendor's responsibility to use the site survey as the opportunity to understand current capabilities, review the touch panel screens that drive the system functions, and to ask any questions relating to the existing functionality.

The primary objective of the project is to upgrade the video display capability to a digital format providing 1080p high definition resolution with 16:9 aspect ratios. All video input source locations (mentioned above) must still retain the 15-pin VGA connectors to support legacy devices, and receive (1) additional 15-pin VGA and audio connection, and (2) new HDMI connections. So when the project is complete, each counsel table will be equipped to support 2 simultaneous sources using either VGA or HDMI – selectable from the Crestron touch panel.

All current monitors in the courtroom (18), the television (1), and the supporting wiring, must be replaced with high definition devices and cabling supporting 1080p and 16:9 aspect ratios. The new system components must include the capability and be configured to seamlessly upscale to 1080p, the signal of any device that connects to the system using a lesser quality signal.

The current system uses a Boeckeler PointMaker PVI-83 annotation device which is not capable of 1080p output. This project upgrade must include

an upgrade to a suitable **Crestron manufactured** annotation device capable of supporting 1080p. Annotation capability must be provided via a touch screen monitor located at the presentation cart and at the witness box with the ability to “clear last” and “clear all” annotations from each touch screen monitor. These touch screen monitors are included in the total monitors (18) referenced above.

The upgrade shall include additional Crestron programming to incorporate the ability for the Judge to “clear last” and “clear all” annotations from the Crestron touch panel on his bench. This capability is currently only available at each of the annotation monitors (which must be preserved), but the addition of the capability on the Crestron touch panel is a project requirement.

Additional system modifications will include:

- An additional display monitor and cabling must be added to the law clerk station
- The current Crestron touch panel needs to be relocated from its existing location at the Courtroom Deputy Station and placed on the Judge’s Bench.
- An additional display monitor and cabling must be added to the Courtroom Deputy Station in place of the Crestron touch panel (this now brings the total monitor count to 20 - 18 existing plus 2 additions)
- An additional television and cabling must be added to for viewing in the courtroom gallery. This television will be mounted on an articulating mount in the same fashion as the existing television, but on the opposite side of the courtroom.
- As described above, each counsel table currently has a (1) 15-pin VGA and 3.5mm audio connection for source input. In addition t
- The current system supports the ad-hoc connection and integration of a Polycom video conferencing unit described previously. In addition to preserving this functionality, the system must be modified to allow sending near side content to the far side of the video conference when in session. The control of this content sharing must be done via the Crestron touch panel. We have an existing courtroom that has this same functionality and can be used as a reference.

All components provided as a part of this upgrade must be HDCP compliant to facilitate the input and display of any protected content or devices that should connect to the system.

All new system components acquired and installed as a part of this project must be warranted for 12 months following the date the system is officially activated. The warranty provision must include all equipment, parts, and labor.

The contractor proposal must be a turnkey solution fully implemented to meet all the specifications cited above **without altering or degrading any other system functionality currently in place**. Additionally, all new equipment must seamlessly integrate and operate under the control of the existing Crestron control platform.

All travel costs are the responsibility of the contractor, and secure parking will be available at the project site.

Background investigations and clearances shall be completed for all personnel who are assigned to work on this project. The contractor shall provide the names, dates of birth, and social security numbers for all assigned personnel upon award of this contract. All personnel shall present valid state issued picture identification (e.g., driver's license) upon arrival at the Courthouse to begin project work. Be advised that this list of names needs to be provided within ten (10) days after project award due to the time involved for these background checks.

IV REQUESTED BILL OF MATERIALS

Below is a baseline listing of the bill of materials that should be used as a guide to prepare the proposal. **This bill of materials is not specified as a mandate but rather as a guide.** Appropriate substitutions will be considered as long as the objectives and requirements outlined in the scope of work can be fulfilled with those substitutions.

Item	Description	Qty
CRST DM-TX201-C	CRESTRON DIGITALMEDIA 8G+ TRANSMITTER	2
CRST PWE-4803RU	CRESTRON PoE INJECTOR, UNIVERSAL 110-250 VOLTS AC	2
CRST DM-TX-200-C-2G	CRESTRON WALL PLATE DIGITALMEDIA 8G+ TRANSMITTER 200, BLACK, TEXTURED (INCLUDES PW-2407WUL)	2
CRST DMC-C	CRESTRON DIGITALMEDIA 8G+ INPUT CARD FOR SM SWITCHERS	4
CRST DM-MD16X16	CRESTRON 16X16 DIGITALMEDIA SWITCHER	1
CRST DMCO-5555	CRESTRON 8DM 8G+ W/4 HDMI OUTPUT CARD FOR DM-MD16X16	1
CRST DMCO-5300	CRESTRON 2DM 8G+ W1 HDMI & 2 HDMI W/2 STEREO ANALOG AUDIO OUTPUT CARD FOR DM-MD16X16	1
CRST DM-RMC-SCALER	CRESTRON DIGITALMEDIA 8G+ RECEIVER & ROOM CONTROLLER W/SCALER	9
CRST HD-DA-2	CRESTRON 1 TO 2 HDMI DISTRIBUTION AMPLIFIER & AUDIO CONVERTER	4
CRST HD-DA-2-QUAD	CRESTRON QUAD 1 TO 2 HDMI DISTRIBUTION AMPLIFIER	2
CRST QM-RMC	CRESTRON ROOM MEDIA CONTROLLER	7
LG M2262D-PM	LG 21.5" HDMI WIDESCREEN LCD MONITOR WITH TV TUNER (BLACK) NOTE: of these 18 monitors, (2) of them must have touch screen/annotation capability.	20
CRST-???	CRESTRON HDCP COLOR ANNOTATION SYSTEM	1
LG	LG 60" HDTV	2
MOUNT	Articulating TV Mount for 60" display	1



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The scope of work of the original RFP is hereby revised to include the Crestron AirMedia component. The integration of the AirMedia device must be turn-key to offer the ability for any device to make a wireless connection to the evidence presentation system for source content display. The Court will provide the wireless network device used to facilitate the AirMedia functionality and the Court will also assume responsibility for the wireless network configuration.



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VENDOR'S ACCEPTANCE OF TERMS AND CONDITIONS

(Mark the Appropriate Choice)

_____ **Vendor accepts the terms and conditions of this RFQ**

OR

_____ **Vendor proposed the following exceptions to the terms and conditions of this RFQ**

NOTE: If exceptions are proposed, vendor must submit a "redlined" version of the RFQ showing all modifications (additions or deletions, or new provisions) proposed by the vendor. The vendor must also provide an explanation/rationale as to why each individual modification is required

(list exceptions below)

Signature

Printed Name

Title

Date