



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: July 19, 2013 – 5:00pm CST

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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 the courtroom of Chief Judge David R. Herndon. 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 July 24th, 2013.

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 CST)	
Issue RFP	6/17/13
Site Visit (750 Missouri Ave, East St. Louis, IL)	7/8/13 – 10:00am
Proposal Due Date and Time	7/19/13 – 5:00pm
Notice of award	7/24/13
Execution of Purchase Order (estimated)	7/26/13

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 (6) 15-pin VGA and 3.5mm audio input connections at (4) locations – (2) prosecution table, (2) defense table, (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 on the judge's bench. 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 resolution with a 4:3 aspect ratio.

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. Additionally, while in a video conference, a source selection can be chosen from the Crestron panel on the judge's bench and the content of that source will then be displayed on the far side of the conference to temporarily displace the near side camera view at that far side. The content sources available to be sent to the far side of the conference in this manner include: document camera, either of the prosecution table inputs, either of the defense table inputs, or the DVD/VHS combo unit.

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 objective of the project is to upgrade the video display capability to a digital format providing 1080p high definition resolution with a 16:9 aspect ratio. The video input source locations (4 mentioned above) must still retain the 15-pin VGA connectors to support legacy devices, and receive a new HDMI connector for more contemporary higher definition devices. All monitors in the courtroom (19), and the television wiring (1), must be upgraded to high definition devices supporting 1080p and 16:9 aspect ratios. The court will be providing the new television and the contractor must provide the integrated high definition cabling to the television. 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 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. Annotation controls to "clear all" and "clear last" are also currently available from the Crestron control panel, and that functionality must be preserved in the system upgrade.

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

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.

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+ W/1 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.	18
CPN-5000	BOECKELER HDCP COLOR ANNOTATION SYSTEM	1



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VENDORS 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