

STATEMENT OF WORK AND REQUEST FOR PROPOSAL

Background:

The United States Bankruptcy Court for the Eastern District of New York is soliciting proposals to install video presentation equipment in courtrooms 760, 860, and 960 in our Central Islip, NY Courthouse. The technical representative on this project is Tom Earlie, 631-712-6212 and the contracting officer is Karen Bonello-Ellis, 347-394-1723.

Scope:

The court is seeking to replace the current video presentation system in these courtrooms. All equipment must be new, not refurbished, current models with full new installation warranties. The proposal must include the following equipment (or equivalent) FOR EACH courtroom:

Manufacturer	Model	Description	Qty
Display System			
OFE	EA224WMI-BK	22" HDMI 1080P Monitor	5
OFE		Projector	1
OFE		Public Displays	2
Video System			
Crestron	DM-MD8x8	8x8 DM Matrix Switcher	1
Crestron	DMC-VID-RCA-A	RCA Analog Video Input Card for VTC Input	1
Crestron	DMC-4K-C	DM 8G+ Input card for lectern and witness camera inputs	3
Crestron	DMC-4K-HDO	4K HDMI Output card for Private Displays DA and Public Displays DA	3
Crestron	DM-PSU-8	8-Port PoDM Power Supply	1
Crestron	DM-TX-401-C	Lectern DM Transmitter for Composite Video, VGA, HDMI, and DisplayPort	1
Extron	60-1437-01	DTP HD DA4 4K 230, HDMI to Four Output DTP DA	3
Extron	60-1271-13	DTP HDMI 4K 230 Rx, DTP Rx	8
Extron	60-1064-01	DVI to Analog RGB Video Interface	1
Extron	60-476-01	VSC 500, Scan Converter	1
Crestron	DM-TX-201-C	DM Transmitter for Lectern Laptop	2
Epson	DC 21	HD Document Camera	1
Toshiba	DVR620	DVD/VCR Combo Unit	1
Control System			
Crestron	CP3N	Control processor	1
Crestron	TSW-752-B-S	7" Touch Panel	3
Crestron	TSW-750-TTK-B-S	Tabletop Kit for TSW-752, black, smooth	3
Miscellaneous			
Lot	Lot	Misc cables, connectors, hardware	1

This equipment will replace the existing analog video system currently installed. The new video system will have the following functionality:

1. The lectern will have two digital video transmitters to send all lectern sources back to the main video matrix switcher.
 - a. The first transmitter will allow for laptop connectivity. It will accept VGA+Audio as well as HDMI laptop sources.
 - b. The second transmitter will allow for document camera (VGA) and DVD/VCR (composite video) connectivity.
2. The main video matrix switcher will have the following inputs:
 - a. Lectern Laptop source (digital video)
 - b. Lectern Document Camera/DVD/VCR sources (digital video)
 - c. Feed from the Video Conferencing Control Room (composite video)
3. The main video matrix switcher will have the following outputs:
 - a. Feed to the Video Conferencing Control Room (scan converted HDMI to composite video)
 - b. DA feed to Public Displays-1 (Projector, Lectern, Witness)
 - c. DA feed to Public Displays-2 (Gallery Displays)
 - d. DA feed to Private Displays (Judge, Deputy, Courtroom Reporter)
4. The control system will also need to be updated.
 - a. A new control processor will be provided to allow for equipment communication and user interaction.
 - b. Three new touch panels will be provided for the judge, court clerk, and lectern locations.
 - c. The control system (touch panels and control processor) will be programmed to match the existing functionality of the court system, taking into account the new devices.
5. The upgrade will include Court supplied 22" monitors for the Lectern, Witness, Judge, Reporter, and Deputy.
6. The upgrade will interface with the existing public displays (Court supplied projector and gallery monitors).
7. The system displays will be fed via digital video DAs over category cable.
8. The upgrade will include category cable wall plates for the gallery displays.

The new equipment will reside in the A/V equipment closet with the audio system. The project includes all required cable dressing to make the installation neat and manageable. The installer will follow industry best practices for AV installations as per InfoComm and AQAV standards.

The project includes pulling all required cable to and from the courtroom. Contracting out to third party vendors/technicians is only permitted for cable installations with a licensed and insured cable company.

Current functionality will be reviewed with the bidders. The control system programming and touch panel layouts will be updated to account for the new equipment. System operation should not change much from the existing touch panels, and the new touch panel files can use the existing layouts as a template. The new touch panel layouts will be submitted for review by the courts before being loaded in the field.

EDID settings in the digital video switcher will be set according to courtroom preferences, to include AT LEAST the following resolutions:

1. 1280x720 @ 60Hz, 2Ch Audio (Preferred)
2. 1920x1080 @ 60 Hz, 2Ch Audio
3. 1024x768 @ 60 Hz, 2Ch Audio

Although the audio system will not be changed, it still must be tested with the new equipment to confirm that its current functionality still operates as expected by the Court.

The entire system (updated and existing components) must be commissioned according to the AV9000 Quality Management Standard for the AV industry, and a successfully complete checklist turned over with the equipment documents.

The project will also include criteria-based training to certify courtroom operators on the use and troubleshooting of the new system, and review system functionality.

All system drawings will require updating, and will be provided to the Court at the project's completion. Final un-compiled/unprotected source code that was modified must be provided to the Court on USB flash drive.

The system configuration and hardware will be warranted for 1 year from project completion, against any and all defects in equipment, labor and installation practices.

Tasks:

All parties are invited to submit a proposal including a detailed list of equipment (see above table) with model numbers and the price of each unit along with labor costs. The proposal must also include company history, with three business references, and education certifications for technicians who will install and configure the equipment.

Anyone wishing to view the courtrooms may do so by August 31, 2016. Please schedule an appointment with Tom Earlie at 631-712-6212. Proposals are due by September 2, 2016. The contract should be awarded on or before September 6, 2016. Entire project should be completed by October 28, 2016, unless the Court extends this date. Installation must be completed between the hours of 8:00AM and 4:00PM, Monday through Friday, excluding federal holidays. Flexibility working around our Judges' Court schedule is required for each Courtroom involved. Proposals should be sent by e-mail to Karen_Bonello-Ellis@nyeb.uscourts.gov and Thomas_Earlie@nyeb.uscourts.gov.

Place of Performance:

This project will take place at 290 Federal Plaza, Central Islip, New York 11722. The installation will be performed in Courtrooms 760, 860, and 960. Access to loading dock and freight elevator must be pre-scheduled with the Court.

Dated: August 8, 2016